ATTACHMENT MU1 4-2

Groundwater Quality Laboratory Results
(electronic dataset)

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

June 09, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09040674 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 4/21/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09040674-001	M-101	04/20/09 00:00	04/21/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09040674-002	M-102	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-003	M-103	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-004	M-104	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-005	M-105	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-006	M-106	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-007	M-107	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-008	M-108	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-009	M-109	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-010	M-110	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-011	M-111	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-012	M-112	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-013	M-113	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-014	M-114	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-015	M-115	04/20/09 00:00	04/21/09	Aqueous	Same As Above
C09040674-016	M-116	04/20/09 00:00	04/21/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09040674-017	M-117	04/20/09 00:00 04/21/09	Aqueous	Same As Above
C09040674-018	M-118	04/20/09 00:00 04/21/09	Aqueous	Same As Above
C09040674-019	M-120	04/20/09 00:00 04/21/09	Aqueous	Same As Above
C09040674-020	M-121	04/20/09 00:00 04/21/09	Aqueous	Same As Above
C09040674-021	M-129	04/20/09 00:00 04/21/09	Aqueous	Same As Above
C09040674-022	M-130	04/20/09 00:00 04/21/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie Waldrop

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-001
Client Sample ID: M-101

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	51	mg/L		1		A2320 B	04/24/09 17:41 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	04/24/09 17:41 / ljl
Bicarbonate as HCO3	60	mg/L		1		A2320 B	04/24/09 17:41 / ljl
Calcium	76	mg/L		1		E200.7	04/23/09 18:18 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 18:14 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/24/09 09:58 / ljl
Magnesium	2	mg/L		1		E200.7	04/23/09 18:18 / cp
Nitrogen, Ammonia as N	0.15	mg/L		0.05		E350.1	04/23/09 12:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:05 / eli-b
Potassium	9	mg/L		1		E200.7	04/23/09 18:18 / cp
Silica	11.5	mg/L		0.2		E200.7	04/23/09 18:18 / cp
Sodium	32	mg/L		1		E200.7	04/23/09 18:18 / cp
Sulfate	227	mg/L		1		E300.0	04/27/09 18:14 / ljl
PHYSICAL PROPERTIES							
Conductivity	590	umhos/cm		1		A2510 B	04/21/09 15:05 / dd
pH	8.55	s.u.		0.01		A4500-H B	04/21/09 15:05 / dd
Solids, Total Dissolved TDS @ 180 C	405	mg/L		10		A2540 C	04/21/09 15:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:18 / cp
Arsenic	0.004	mg/L		0.001		E200.8	04/24/09 22:24 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:18 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 22:24 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:18 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 22:24 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:18 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 22:24 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 18:18 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 22:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 22:24 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:18 / cp
Selenium	ND	mg/L		0.001		E200.8	04/24/09 22:24 / ts
Uranium	0.0389	mg/L		0.0003		E200.8	04/24/09 22:24 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:18 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 08:22 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:16 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 15:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-001
Client Sample ID: M-101

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	428	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	9.2	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	138	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	3.2	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	132	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	2.0	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	5.1	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.96	%				Calculation	04/30/09 10:06 / kbh
Anions	5.91	meq/L				Calculation	04/30/09 10:06 / kbh
Cations	5.57	meq/L				Calculation	04/30/09 10:06 / kbh
Solids, Total Dissolved Calculated	396	mg/L				Calculation	04/30/09 10:06 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 10:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-002
Client Sample ID: M-102

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	129	mg/L		1		A2320 B	04/24/09 17:48 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 17:48 / ljl
Bicarbonate as HCO3	157	mg/L		1		A2320 B	04/24/09 17:48 / ljl
Calcium	112	mg/L		1		E200.7	04/23/09 18:22 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 19:01 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/24/09 10:01 / ljl
Magnesium	4	mg/L		1		E200.7	04/23/09 18:22 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:01 / eli-b
Potassium	6	mg/L		1		E200.7	04/23/09 18:22 / cp
Silica	13.5	mg/L		0.2		E200.7	04/23/09 18:22 / cp
Sodium	31	mg/L		1		E200.7	04/23/09 18:22 / cp
Sulfate	255	mg/L		1		E300.0	04/27/09 19:01 / ljl
PHYSICAL PROPERTIES							
Conductivity	753	umhos/cm		1		A2510 B	04/21/09 15:08 / dd
pH	7.85	s.u.		0.01		A4500-H B	04/21/09 15:08 / dd
Solids, Total Dissolved TDS @ 180 C	520	mg/L		10		A2540 C	04/21/09 15:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:22 / cp
Arsenic	0.003	mg/L		0.001		E200.8	04/24/09 22:31 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:22 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:22 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 22:31 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:22 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 22:31 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:22 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 22:31 / ts
Manganese	0.02	mg/L		0.01		E200.7	04/23/09 18:22 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 22:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 22:31 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:22 / cp
Selenium	ND	mg/L		0.001		E200.8	04/24/09 22:31 / ts
Uranium	0.0369	mg/L		0.0003		E200.8	04/24/09 22:31 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:22 / cp
Zinc	0.01	mg/L		0.01		E200.8	05/05/09 08:28 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:34 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/07/09 15:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-002
Client Sample ID: M-102

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	65.7	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	4.3	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	23.1	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	2.4	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	0.28	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	2.2	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.57	%				Calculation	04/30/09 10:07 / kbh
Anions	8.04	meq/L				Calculation	04/30/09 10:07 / kbh
Cations	7.49	meq/L				Calculation	04/30/09 10:07 / kbh
Solids, Total Dissolved Calculated	509	mg/L				Calculation	04/30/09 10:07 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 10:07 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-003
Client Sample ID: M-103

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	143	mg/L		1		A2320 B	04/24/09 18:10 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:10 / ljl
Bicarbonate as HCO3	174	mg/L		1		A2320 B	04/24/09 18:10 / ljl
Calcium	133	mg/L		1		E200.7	04/23/09 18:26 / cp
Chloride	7	mg/L		1		E300.0	04/27/09 19:16 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/24/09 10:10 / ljl
Magnesium	6	mg/L		1		E200.7	04/23/09 18:26 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:35 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:13 / eli-b
Potassium	4	mg/L		1		E200.7	04/23/09 18:26 / cp
Silica	14.2	mg/L		0.2		E200.7	04/23/09 18:26 / cp
Sodium	29	mg/L		1		E200.7	04/23/09 18:26 / cp
Sulfate	293	mg/L		1		E300.0	04/27/09 19:16 / ljl
PHYSICAL PROPERTIES							
Conductivity	852	umhos/cm		1		A2510 B	04/21/09 15:10 / dd
pH	7.77	s.u.		0.01		A4500-H B	04/21/09 15:10 / dd
Solids, Total Dissolved TDS @ 180 C	609	mg/L		10		A2540 C	04/21/09 15:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:26 / cp
Arsenic	0.002	mg/L		0.001		E200.8	04/24/09 22:51 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:26 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:26 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 22:51 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:26 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 22:51 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:26 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 22:51 / ts
Manganese	0.03	mg/L		0.01		E200.7	04/23/09 18:26 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 22:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 22:51 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:26 / cp
Selenium	0.029	mg/L		0.001		E200.8	04/24/09 22:51 / ts
Uranium	0.559	mg/L		0.0003		E200.8	04/24/09 22:51 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:26 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 08:35 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 01:41 / rdw
Manganese	0.03	mg/L	D	0.02		E200.7	05/05/09 01:41 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-003
Client Sample ID: M-103

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	461	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	11.8	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	130	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	3.8	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	1.4	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	2.2	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.66	%				Calculation	04/30/09 10:07 / kbh
Anions	9.16	meq/L				Calculation	04/30/09 10:07 / kbh
Cations	8.52	meq/L				Calculation	04/30/09 10:07 / kbh
Solids, Total Dissolved Calculated	577	mg/L				Calculation	04/30/09 10:07 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	04/30/09 10:07 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-004
Client Sample ID: M-104

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	136	mg/L		1		A2320 B	04/24/09 18:17 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:17 / ljl
Bicarbonate as HCO3	166	mg/L		1		A2320 B	04/24/09 18:17 / ljl
Calcium	134	mg/L		1		E200.7	04/23/09 18:30 / cp
Chloride	11	mg/L		1		E300.0	04/27/09 19:32 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/24/09 10:13 / ljl
Magnesium	5	mg/L		1		E200.7	04/23/09 18:30 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:14 / eli-b
Potassium	5	mg/L		1		E200.7	04/23/09 18:30 / cp
Silica	14.9	mg/L		0.2		E200.7	04/23/09 18:30 / cp
Sodium	30	mg/L		1		E200.7	04/23/09 18:30 / cp
Sulfate	277	mg/L		1		E300.0	04/27/09 19:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	822	umhos/cm		1		A2510 B	04/21/09 15:13 / dd
pH	7.97	s.u.		0.01		A4500-H B	04/21/09 15:13 / dd
Solids, Total Dissolved TDS @ 180 C	578	mg/L		10		A2540 C	04/21/09 15:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:30 / cp
Arsenic	0.001	mg/L		0.001		E200.8	04/24/09 22:58 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:30 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:30 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 22:58 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:30 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 22:58 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:30 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 22:58 / ts
Manganese	0.04	mg/L		0.01		E200.7	04/23/09 18:30 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 22:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 22:58 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:30 / cp
Selenium	0.033	mg/L		0.001		E200.8	04/24/09 22:58 / ts
Uranium	0.571	mg/L		0.0003		E200.8	04/24/09 22:58 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:30 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 08:41 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:38 / rdw
Manganese	0.04	mg/L		0.01		E200.7	05/07/09 15:17 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-004
Client Sample ID: M-104

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	587	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha precision (±)	12.7	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha MDC	2.4	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta	220	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta precision (±)	4.7	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta MDC	3.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Radium 226	2.5	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	0.29	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	2.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.89	%				Calculation	04/30/09 10:08 / kbh
Anions	8.81	meq/L				Calculation	04/30/09 10:08 / kbh
Cations	8.49	meq/L				Calculation	04/30/09 10:08 / kbh
Solids, Total Dissolved Calculated	562	mg/L				Calculation	04/30/09 10:08 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 10:08 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-005
Client Sample ID: M-105

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	131	mg/L		1		A2320 B	04/24/09 18:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:24 / ljl
Bicarbonate as HCO3	160	mg/L		1		A2320 B	04/24/09 18:24 / ljl
Calcium	114	mg/L		1		E200.7	04/23/09 18:34 / cp
Chloride	6	mg/L		1		E300.0	04/27/09 20:18 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/24/09 10:16 / ljl
Magnesium	4	mg/L		1		E200.7	04/23/09 18:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:37 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:21 / eli-b
Potassium	3	mg/L		1		E200.7	04/23/09 18:34 / cp
Silica	13.4	mg/L		0.2		E200.7	04/23/09 18:34 / cp
Sodium	31	mg/L		1		E200.7	04/23/09 18:34 / cp
Sulfate	239	mg/L		1		E300.0	04/27/09 20:18 / ljl
PHYSICAL PROPERTIES							
Conductivity	727	umhos/cm		1		A2510 B	04/21/09 15:16 / dd
pH	7.66	s.u.		0.01		A4500-H B	04/21/09 15:16 / dd
Solids, Total Dissolved TDS @ 180 C	507	mg/L		10		A2540 C	04/21/09 15:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:34 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/24/09 23:32 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:34 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 23:32 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:34 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 23:32 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:34 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 23:32 / ts
Manganese	0.02	mg/L		0.01		E200.7	04/23/09 18:34 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 23:32 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 23:32 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:34 / cp
Selenium	ND	mg/L		0.001		E200.8	04/24/09 23:32 / ts
Uranium	0.0813	mg/L		0.0003		E200.8	04/24/09 23:32 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:34 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 08:48 / sml
METALS - TOTAL							
Iron	0.07	mg/L	D	0.07		E200.7	05/07/09 15:21 / cp
Manganese	0.03	mg/L		0.01		E200.7	05/07/09 15:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-005
Client Sample ID: M-105

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	537	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	11.7	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	114	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	3.2	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	228	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	2.6	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	7.0	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.91	%				Calculation	04/30/09 10:08 / kbh
Anions	7.75	meq/L				Calculation	04/30/09 10:08 / kbh
Cations	7.46	meq/L				Calculation	04/30/09 10:08 / kbh
Solids, Total Dissolved Calculated	492	mg/L				Calculation	04/30/09 10:08 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 10:08 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-006
Client Sample ID: M-106

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	128	mg/L		1		A2320 B	04/24/09 18:32 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:32 / ljl
Bicarbonate as HCO3	156	mg/L		1		A2320 B	04/24/09 18:32 / ljl
Calcium	107	mg/L		1		E200.7	04/23/09 18:39 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 20:33 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/24/09 10:19 / ljl
Magnesium	4	mg/L		1		E200.7	04/23/09 18:39 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:23 / eli-b
Potassium	3	mg/L		1		E200.7	04/23/09 18:39 / cp
Silica	13.2	mg/L		0.2		E200.7	04/23/09 18:39 / cp
Sodium	31	mg/L		1		E200.7	04/23/09 18:39 / cp
Sulfate	229	mg/L		1		E300.0	04/27/09 20:33 / ljl
PHYSICAL PROPERTIES							
Conductivity	709	umhos/cm		1		A2510 B	04/21/09 15:18 / dd
pH	7.84	s.u.		0.01		A4500-H B	04/21/09 15:18 / dd
Solids, Total Dissolved TDS @ 180 C	491	mg/L		10		A2540 C	04/21/09 15:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:39 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/24/09 23:39 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:39 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:39 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 23:39 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:39 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 23:39 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:39 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 23:39 / ts
Manganese	0.02	mg/L		0.01		E200.7	04/23/09 18:39 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 23:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 23:39 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:39 / cp
Selenium	ND	mg/L		0.001		E200.8	04/24/09 23:39 / ts
Uranium	0.0498	mg/L		0.0003		E200.8	04/24/09 23:39 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:39 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 08:54 / sml
METALS - TOTAL							
Iron	0.99	mg/L		0.03		E200.7	05/05/09 01:46 / rdw
Manganese	0.02	mg/L	D	0.02		E200.7	05/05/09 01:46 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-006
Client Sample ID: M-106

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	71.3	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	4.3	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	26.3	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	11	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	0.58	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	4.3	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.47	%				Calculation	04/30/09 10:09 / kbh
Anions	7.48	meq/L				Calculation	04/30/09 10:09 / kbh
Cations	7.12	meq/L				Calculation	04/30/09 10:09 / kbh
Solids, Total Dissolved Calculated	473	mg/L				Calculation	04/30/09 10:09 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	04/30/09 10:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-007
Client Sample ID: M-107

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	67	mg/L		1		A2320 B	04/24/09 18:47 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:47 / ljl
Bicarbonate as HCO3	82	mg/L		1		A2320 B	04/24/09 18:47 / ljl
Calcium	84	mg/L		1		E200.7	04/23/09 18:51 / cp
Chloride	6	mg/L		1		E300.0	04/27/09 20:49 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/24/09 10:22 / ljl
Magnesium	2	mg/L		1		E200.7	04/23/09 18:51 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:18 / eli-b
Potassium	14	mg/L		1		E200.7	04/23/09 18:51 / cp
Silica	12.6	mg/L		0.2		E200.7	04/23/09 18:51 / cp
Sodium	33	mg/L		1		E200.7	04/23/09 18:51 / cp
Sulfate	222	mg/L		1		E300.0	04/27/09 20:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	620	umhos/cm		1		A2510 B	04/21/09 15:24 / dd
pH	8.37	s.u.		0.01		A4500-H B	04/21/09 15:24 / dd
Solids, Total Dissolved TDS @ 180 C	424	mg/L		10		A2540 C	04/21/09 15:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 18:51 / cp
Arsenic	0.004	mg/L		0.001		E200.8	04/24/09 23:45 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 18:51 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 18:51 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/24/09 23:45 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 18:51 / cp
Copper	ND	mg/L		0.01		E200.8	04/24/09 23:45 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 18:51 / cp
Lead	ND	mg/L		0.001		E200.8	04/24/09 23:45 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 18:51 / cp
Mercury	ND	mg/L		0.001		E200.8	04/24/09 23:45 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/24/09 23:45 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 18:51 / cp
Selenium	ND	mg/L		0.001		E200.8	04/24/09 23:45 / ts
Uranium	0.0391	mg/L		0.0003		E200.8	04/24/09 23:45 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 18:51 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 09:27 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 01:51 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 01:51 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-007
Client Sample ID: M-107

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	68.5	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha precision (±)	3.9	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta	33.1	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/07/09 04:17 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/07/09 04:17 / cgr
Radium 226	4.7	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 precision (±)	0.40	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 16:59 / jah
Radium 228	2.0	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	0.214	%				Calculation	04/30/09 10:09 / kbh
Anions	6.16	meq/L				Calculation	04/30/09 10:09 / kbh
Cations	6.18	meq/L				Calculation	04/30/09 10:09 / kbh
Solids, Total Dissolved Calculated	418	mg/L				Calculation	04/30/09 10:09 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 10:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-008
Client Sample ID: M-108

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	122	mg/L		1		A2320 B	04/24/09 18:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 18:54 / ljl
Bicarbonate as HCO3	149	mg/L		1		A2320 B	04/24/09 18:54 / ljl
Calcium	96	mg/L		1		E200.7	04/23/09 19:11 / cp
Chloride	6	mg/L		1		E300.0	04/27/09 21:04 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/24/09 10:24 / ljl
Magnesium	4	mg/L		1		E200.7	04/23/09 19:11 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:24 / eli-b
Potassium	3	mg/L		1		E200.7	04/23/09 19:11 / cp
Silica	13.7	mg/L		0.2		E200.7	04/23/09 19:11 / cp
Sodium	29	mg/L		1		E200.7	04/23/09 19:11 / cp
Sulfate	191	mg/L		1		E300.0	04/27/09 21:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	628	umhos/cm		1		A2510 B	04/21/09 15:26 / dd
pH	7.89	s.u.		0.01		A4500-H B	04/21/09 15:26 / dd
Solids, Total Dissolved TDS @ 180 C	423	mg/L		10		A2540 C	04/21/09 15:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:11 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 00:12 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:11 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:11 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 00:12 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:11 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 07:11 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:11 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 00:12 / ts
Manganese	0.02	mg/L		0.01		E200.7	04/23/09 19:11 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 00:12 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 00:12 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:11 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 00:12 / ts
Uranium	0.0156	mg/L		0.0003		E200.8	04/25/09 00:12 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:11 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 09:34 / sml
METALS - TOTAL							
Iron	0.10	mg/L		0.03		E200.7	05/05/09 01:56 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 01:56 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-008
Client Sample ID: M-108

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	49.7	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	18.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	9.0	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 precision (±)	0.52	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 228	5.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.936	%				Calculation	04/30/09 10:10 / kbh
Anions	6.59	meq/L				Calculation	04/30/09 10:10 / kbh
Cations	6.46	meq/L				Calculation	04/30/09 10:10 / kbh
Solids, Total Dissolved Calculated	420	mg/L				Calculation	04/30/09 10:10 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 10:10 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-009
Client Sample ID: M-109

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	04/24/09 19:02 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	04/24/09 19:02 / ljl
Bicarbonate as HCO3	103	mg/L		1		A2320 B	04/24/09 19:02 / ljl
Calcium	60	mg/L		1		E200.7	04/23/09 19:15 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 21:19 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:37 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 19:15 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:25 / eli-b
Potassium	6	mg/L		1		E200.7	04/23/09 19:15 / cp
Silica	11.3	mg/L		0.2		E200.7	04/23/09 19:15 / cp
Sodium	30	mg/L		1		E200.7	04/23/09 19:15 / cp
Sulfate	144	mg/L		1		E300.0	04/27/09 21:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	483	umhos/cm		1		A2510 B	04/21/09 15:29 / dd
pH	8.30	s.u.		0.01		A4500-H B	04/21/09 15:29 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	04/21/09 15:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:15 / cp
Arsenic	0.002	mg/L		0.001		E200.8	04/25/09 00:19 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:15 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:15 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 00:19 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:15 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 07:18 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:15 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 00:19 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:15 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 00:19 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 00:19 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:15 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 00:19 / ts
Uranium	0.0182	mg/L		0.0003		E200.8	04/25/09 00:19 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:15 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 09:40 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:47 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 15:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-009
Client Sample ID: M-109

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	47.1	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	24.3	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	12	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 precision (±)	0.60	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 228	3.6	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.79	%				Calculation	04/30/09 10:10 / kbh
Anions	4.88	meq/L				Calculation	04/30/09 10:10 / kbh
Cations	4.71	meq/L				Calculation	04/30/09 10:10 / kbh
Solids, Total Dissolved Calculated	315	mg/L				Calculation	04/30/09 10:10 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 10:10 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-010
Client Sample ID: M-110

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	04/24/09 19:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 19:09 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	04/24/09 19:09 / ljl
Calcium	72	mg/L		1		E200.7	04/23/09 19:19 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 21:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:39 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 19:19 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:48 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:26 / eli-b
Potassium	2	mg/L		1		E200.7	04/23/09 19:19 / cp
Silica	11.9	mg/L		0.2		E200.7	04/23/09 19:19 / cp
Sodium	30	mg/L		1		E200.7	04/23/09 19:19 / cp
Sulfate	149	mg/L		1		E300.0	04/27/09 21:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	539	umhos/cm		1		A2510 B	04/21/09 15:31 / dd
pH	7.94	s.u.		0.01		A4500-H B	04/21/09 15:31 / dd
Solids, Total Dissolved TDS @ 180 C	356	mg/L		10		A2540 C	04/21/09 15:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:19 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 00:26 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:19 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:19 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 00:26 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:19 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 07:52 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:19 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 00:26 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:19 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 00:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 00:26 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:19 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 00:26 / ts
Uranium	0.168	mg/L		0.0003		E200.8	04/25/09 00:26 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:19 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 09:47 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	05/05/09 02:01 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:01 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-010
Client Sample ID: M-110

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	220	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	6.6	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	71.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	41	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 precision (±)	1.1	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/15/09 01:05 / jah
Radium 228	4.8	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/01/09 14:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/01/09 14:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.84	%				Calculation	04/30/09 10:11 / kbh
Anions	5.45	meq/L				Calculation	04/30/09 10:11 / kbh
Cations	5.26	meq/L				Calculation	04/30/09 10:11 / kbh
Solids, Total Dissolved Calculated	343	mg/L				Calculation	04/30/09 10:11 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	04/30/09 10:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-011
Client Sample ID: M-111

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	04/24/09 19:16 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 19:16 / ljl
Bicarbonate as HCO3	141	mg/L		1		A2320 B	04/24/09 19:16 / ljl
Calcium	75	mg/L		1		E200.7	04/23/09 19:23 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 21:50 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:43 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 19:23 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:27 / eli-b
Potassium	3	mg/L		1		E200.7	04/23/09 19:23 / cp
Silica	12.7	mg/L		0.2		E200.7	04/23/09 19:23 / cp
Sodium	29	mg/L		1		E200.7	04/23/09 19:23 / cp
Sulfate	152	mg/L		1		E300.0	04/27/09 21:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	557	umhos/cm		1		A2510 B	04/21/09 15:34 / dd
pH	7.96	s.u.		0.01		A4500-H B	04/21/09 15:34 / dd
Solids, Total Dissolved TDS @ 180 C	371	mg/L		10		A2540 C	04/21/09 15:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:23 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 01:00 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:23 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:23 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:00 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:23 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 07:59 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:23 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:00 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:23 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 01:00 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:23 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 01:00 / ts
Uranium	0.0269	mg/L		0.0003		E200.8	04/25/09 01:00 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:23 / cp
Zinc	0.03	mg/L		0.01		E200.8	05/05/09 13:04 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	05/05/09 02:06 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:06 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-011
Client Sample ID: M-111

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	48.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.2	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	19.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	4.5	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.38	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	5.3	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.72	%				Calculation	04/30/09 10:11 / kbh
Anions	5.63	meq/L				Calculation	04/30/09 10:11 / kbh
Cations	5.33	meq/L				Calculation	04/30/09 10:11 / kbh
Solids, Total Dissolved Calculated	353	mg/L				Calculation	04/30/09 10:11 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	04/30/09 10:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-012
Client Sample ID: M-112

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	04/24/09 19:23 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 19:23 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	04/24/09 19:23 / ljl
Calcium	73	mg/L		1		E200.7	04/23/09 19:27 / cp
Chloride	6	mg/L		1		E300.0	04/27/09 22:36 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:45 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 19:27 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:51 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:29 / eli-b
Potassium	2	mg/L		1		E200.7	04/23/09 19:27 / cp
Silica	12.2	mg/L		0.2		E200.7	04/23/09 19:27 / cp
Sodium	29	mg/L		1		E200.7	04/23/09 19:27 / cp
Sulfate	147	mg/L		1		E300.0	04/27/09 22:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	545	umhos/cm		1		A2510 B	04/21/09 15:37 / dd
pH	8.10	s.u.		0.01		A4500-H B	04/21/09 15:37 / dd
Solids, Total Dissolved TDS @ 180 C	356	mg/L		10		A2540 C	04/21/09 15:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:27 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 01:07 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:27 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:27 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:07 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:27 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:06 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:27 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:07 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:27 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 01:07 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:27 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 01:07 / ts
Uranium	0.0236	mg/L		0.0003		E200.8	04/25/09 01:07 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:27 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 13:10 / sml
METALS - TOTAL							
Iron	0.05	mg/L		0.03		E200.7	05/05/09 02:11 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:11 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-012
Client Sample ID: M-112

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	41.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	20.0	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	4.3	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.37	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	5.8	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.35	%				Calculation	04/30/09 10:12 / kbh
Anions	5.49	meq/L				Calculation	04/30/09 10:12 / kbh
Cations	5.24	meq/L				Calculation	04/30/09 10:12 / kbh
Solids, Total Dissolved Calculated	344	mg/L				Calculation	04/30/09 10:12 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 10:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-013
Client Sample ID: M-113

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	95	mg/L		1		A2320 B	04/24/09 19:46 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/24/09 19:46 / ljl
Bicarbonate as HCO3	116	mg/L		1		A2320 B	04/24/09 19:46 / ljl
Calcium	53	mg/L		1		E200.7	04/23/09 19:31 / cp
Chloride	5	mg/L		1		E300.0	04/27/09 22:52 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:53 / ljl
Magnesium	2	mg/L		1		E200.7	04/23/09 19:31 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 12:52 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:30 / eli-b
Potassium	5	mg/L		1		E200.7	04/23/09 19:31 / cp
Silica	11.2	mg/L		0.2		E200.7	04/23/09 19:31 / cp
Sodium	33	mg/L		1		E200.7	04/23/09 19:31 / cp
Sulfate	125	mg/L		1		E300.0	04/27/09 22:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	469	umhos/cm		1		A2510 B	04/21/09 15:39 / dd
pH	7.98	s.u.		0.01		A4500-H B	04/21/09 15:39 / dd
Solids, Total Dissolved TDS @ 180 C	306	mg/L		10		A2540 C	04/21/09 15:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:31 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 01:34 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:31 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:34 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:31 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:12 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:31 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:34 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:31 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:34 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 01:34 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:31 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 01:34 / ts
Uranium	0.0207	mg/L		0.0003		E200.8	04/25/09 01:34 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:31 / cp
Zinc	0.01	mg/L		0.01		E200.8	05/05/09 13:17 / sml
METALS - TOTAL							
Iron	0.03	mg/L		0.03		E200.7	05/05/09 02:16 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:16 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-013
Client Sample ID: M-113

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	54.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.2	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	21.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	14	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.71	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	4.6	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.75	%				Calculation	04/30/09 10:17 / kbh
Anions	4.64	meq/L				Calculation	04/30/09 10:17 / kbh
Cations	4.39	meq/L				Calculation	04/30/09 10:17 / kbh
Solids, Total Dissolved Calculated	294	mg/L				Calculation	04/30/09 10:17 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	04/30/09 10:17 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-014
Client Sample ID: M-114

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	79	mg/L		1		A2320 B	04/24/09 19:54 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	04/24/09 19:54 / ljl
Bicarbonate as HCO3	80	mg/L		1		A2320 B	04/24/09 19:54 / ljl
Calcium	51	mg/L		1		E200.7	04/23/09 19:35 / cp
Chloride	7	mg/L		1		E300.0	04/27/09 23:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:56 / ljl
Magnesium	2	mg/L		1		E200.7	04/23/09 19:35 / cp
Nitrogen, Ammonia as N	0.17	mg/L		0.05		E350.1	04/23/09 12:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 11:31 / eli-b
Potassium	16	mg/L		1		E200.7	04/23/09 19:35 / cp
Silica	10.4	mg/L		0.2		E200.7	04/23/09 19:35 / cp
Sodium	39	mg/L		1		E200.7	04/23/09 19:35 / cp
Sulfate	138	mg/L		1		E300.0	04/27/09 23:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	510	umhos/cm		1		A2510 B	04/21/09 15:41 / dd
pH	9.14	s.u.		0.01		A4500-H B	04/21/09 15:41 / dd
Solids, Total Dissolved TDS @ 180 C	334	mg/L		10		A2540 C	04/21/09 15:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:35 / cp
Arsenic	0.001	mg/L		0.001		E200.8	04/25/09 01:40 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:35 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:35 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:40 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:35 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:19 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:35 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:40 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:35 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 01:40 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:35 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 01:40 / ts
Uranium	0.0533	mg/L		0.0003		E200.8	04/25/09 01:40 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:35 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 13:23 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 02:21 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:21 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-014
Client Sample ID: M-114

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	594	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	10.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	234	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	3.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	187	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	2.5	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	4.5	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	1.16	%				Calculation	04/30/09 10:17 / kbh
Anions	4.67	meq/L				Calculation	04/30/09 10:17 / kbh
Cations	4.78	meq/L				Calculation	04/30/09 10:17 / kbh
Solids, Total Dissolved Calculated	313	mg/L				Calculation	04/30/09 10:17 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	04/30/09 10:17 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-015
Client Sample ID: M-115

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	87	mg/L		1		A2320 B	04/24/09 20:01 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	04/24/09 20:01 / ljl
Bicarbonate as HCO3	93	mg/L		1		A2320 B	04/24/09 20:01 / ljl
Calcium	54	mg/L		1		E200.7	04/23/09 19:40 / cp
Chloride	5	mg/L		1		E300.0	04/28/09 00:09 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 10:59 / ljl
Magnesium	2	mg/L		1		E200.7	04/23/09 19:40 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:19 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:32 / eli-b
Potassium	5	mg/L		1		E200.7	04/23/09 19:40 / cp
Silica	11.2	mg/L		0.2		E200.7	04/23/09 19:40 / cp
Sodium	35	mg/L		1		E200.7	04/23/09 19:40 / cp
Sulfate	131	mg/L		1		E300.0	04/28/09 00:09 / ljl
PHYSICAL PROPERTIES							
Conductivity	483	umhos/cm		1		A2510 B	04/21/09 15:43 / dd
pH	8.92	s.u.		0.01		A4500-H B	04/21/09 15:43 / dd
Solids, Total Dissolved TDS @ 180 C	326	mg/L		10		A2540 C	04/21/09 15:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 19:40 / cp
Arsenic	0.006	mg/L		0.001		E200.8	04/25/09 01:47 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 19:40 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 19:40 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:47 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 19:40 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:26 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 19:40 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:47 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 19:40 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 01:47 / ts
Nickel	ND	mg/L		0.05		E200.7	04/23/09 19:40 / cp
Selenium	0.001	mg/L		0.001		E200.8	04/25/09 01:47 / ts
Uranium	0.109	mg/L		0.0003		E200.8	04/25/09 01:47 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 19:40 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 13:30 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:52 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 15:49 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-015
Client Sample ID: M-115

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	140	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha precision (±)	4.9	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta	57.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 13:27 / cgr
Radium 226	3.3	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.34	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	1.6	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.54	%				Calculation	04/30/09 10:32 / kbh
Anions	4.62	meq/L				Calculation	04/30/09 10:32 / kbh
Cations	4.48	meq/L				Calculation	04/30/09 10:32 / kbh
Solids, Total Dissolved Calculated	298	mg/L				Calculation	04/30/09 10:32 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	04/30/09 10:32 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-016
Client Sample ID: M-116

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	100	mg/L		1		A2320 B	04/24/09 20:09 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	04/24/09 20:09 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	04/24/09 20:09 / ljl
Calcium	53	mg/L		1		E200.7	04/23/09 20:28 / cp
Chloride	6	mg/L		1		E300.0	04/28/09 00:24 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:02 / ljl
Magnesium	1	mg/L		1		E200.7	04/23/09 20:28 / cp
Nitrogen, Ammonia as N	0.10	mg/L		0.05		E350.1	04/23/09 13:23 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	04/23/09 12:33 / eli-b
Potassium	4	mg/L		1		E200.7	04/23/09 20:28 / cp
Silica	11.7	mg/L		0.2		E200.7	04/23/09 20:28 / cp
Sodium	31	mg/L		1		E200.7	04/23/09 20:28 / cp
Sulfate	113	mg/L		1		E300.0	04/28/09 00:24 / ljl
PHYSICAL PROPERTIES							
Conductivity	463	umhos/cm		1		A2510 B	04/21/09 15:45 / dd
pH	8.75	s.u.		0.01		A4500-H B	04/21/09 15:45 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	04/22/09 13:49 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 20:28 / cp
Arsenic	0.006	mg/L		0.001		E200.8	04/25/09 01:54 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 20:28 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 20:28 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 01:54 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 20:28 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:33 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 20:28 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 01:54 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 20:28 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 01:54 / ts
Molybdenum	ND	mg/L		0.1		E200.7	04/23/09 20:28 / cp
Nickel	ND	mg/L		0.05		E200.7	04/23/09 20:28 / cp
Selenium	0.008	mg/L		0.001		E200.8	04/25/09 01:54 / ts
Uranium	0.169	mg/L		0.0003		E200.8	04/25/09 01:54 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/23/09 20:28 / cp
Zinc	ND	mg/L		0.01		E200.8	05/05/09 14:03 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 02:47 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:47 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-016
Client Sample ID: M-116

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	190	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha precision (±)	5.8	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta	63.4	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 13:27 / cgr
Radium 226	0.81	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.18	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	0.8	pCi/L	U			RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.79	%				Calculation	04/30/09 10:33 / kbh
Anions	4.55	meq/L				Calculation	04/30/09 10:33 / kbh
Cations	4.22	meq/L				Calculation	04/30/09 10:33 / kbh
Solids, Total Dissolved Calculated	284	mg/L				Calculation	04/30/09 10:33 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 10:33 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-017
Client Sample ID: M-117

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	04/27/09 10:38 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 10:38 / ljl
Bicarbonate as HCO3	127	mg/L		1		A2320 B	04/27/09 10:38 / ljl
Calcium	57	mg/L		1		E200.7	05/18/09 14:27 / cp
Chloride	5	mg/L		1		E300.0	04/28/09 00:40 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:04 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 14:27 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:24 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.10	mg/L		0.05		E353.2	04/23/09 12:34 / eli-b
Potassium	4	mg/L		1		E200.7	05/18/09 14:27 / cp
Silica	16.2	mg/L		0.2		E200.7	05/18/09 14:27 / cp
Sodium	32	mg/L		1		E200.7	05/18/09 14:27 / cp
Sulfate	120	mg/L		1		E300.0	04/28/09 00:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	472	umhos/cm		1		A2510 B	04/22/09 11:22 / dd
pH	7.83	s.u.		0.01		A4500-H B	04/22/09 11:22 / dd
Solids, Total Dissolved TDS @ 180 C	300	mg/L		10		A2540 C	04/22/09 13:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 14:27 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/18/09 12:11 / ts
Barium	ND	mg/L		0.1		E200.7	05/18/09 14:27 / cp
Boron	ND	mg/L		0.1		E200.7	05/18/09 14:27 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/18/09 12:11 / ts
Chromium	ND	mg/L		0.05		E200.7	05/18/09 14:27 / cp
Copper	ND	mg/L		0.01		E200.8	05/18/09 12:11 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 14:27 / cp
Lead	ND	mg/L		0.001		E200.8	05/18/09 12:11 / ts
Manganese	0.06	mg/L		0.01		E200.7	05/18/09 14:27 / cp
Mercury	ND	mg/L		0.001		E200.8	05/18/09 12:11 / ts
Molybdenum	ND	mg/L		0.1		E200.7	05/18/09 14:27 / cp
Nickel	ND	mg/L		0.05		E200.7	05/18/09 14:27 / cp
Selenium	0.011	mg/L		0.001		E200.8	05/18/09 12:11 / ts
Uranium	0.178	mg/L		0.0003		E200.8	05/18/09 12:11 / ts
Vanadium	ND	mg/L		0.1		E200.7	05/18/09 14:27 / cp
Zinc	ND	mg/L	D	0.03		E200.7	05/18/09 14:27 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 02:52 / rdw
Manganese	0.05	mg/L	D	0.02		E200.7	05/05/09 02:52 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-017
Client Sample ID: M-117

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	166	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	49.2	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	1.0	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 precision (±)	0.21	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 17:01 / jah
Radium 228	1.4	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.78	%				Calculation	05/20/09 10:28 / kbh
Anions	4.76	meq/L				Calculation	05/20/09 10:28 / kbh
Cations	4.59	meq/L				Calculation	05/20/09 10:28 / kbh
Solids, Total Dissolved Calculated	285	mg/L				Calculation	05/20/09 10:28 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/20/09 10:28 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-018
Client Sample ID: M-118

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	04/27/09 10:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 10:45 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	04/27/09 10:45 / ljl
Calcium	58	mg/L		1		E200.7	04/23/09 20:48 / cp
Chloride	5	mg/L		1		E300.0	04/28/09 00:55 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:07 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 20:48 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:35 / eli-b
Potassium	3	mg/L		1		E200.7	04/23/09 20:48 / cp
Silica	12.2	mg/L		0.2		E200.7	04/23/09 20:48 / cp
Sodium	39	mg/L		1		E200.7	04/23/09 20:48 / cp
Sulfate	147	mg/L		1		E300.0	04/28/09 00:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	518	umhos/cm		1		A2510 B	04/22/09 11:24 / dd
pH	7.88	s.u.		0.01		A4500-H B	04/22/09 11:24 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	04/22/09 13:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 20:48 / cp
Arsenic	0.002	mg/L		0.001		E200.8	04/25/09 02:35 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 20:48 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 20:48 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 02:35 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 20:48 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 08:46 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 20:48 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 02:35 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 20:48 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 02:35 / ts
Molybdenum	ND	mg/L		0.1		E200.7	04/23/09 20:48 / cp
Nickel	ND	mg/L		0.05		E200.7	04/23/09 20:48 / cp
Selenium	0.003	mg/L		0.001		E200.8	04/25/09 02:35 / ts
Uranium	0.181	mg/L		0.0003		E200.8	04/25/09 02:35 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 02:35 / ts
Zinc	ND	mg/L		0.01		E200.8	05/05/09 14:16 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 14:56 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 15:57 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-018
Client Sample ID: M-118

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	272	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha precision (±)	7.0	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta	87.6	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	05/30/09 13:27 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 13:27 / cgr
Radium 226	28	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 precision (±)	1.0	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 228	2.2	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.68	%				Calculation	04/30/09 10:59 / kbh
Anions	5.27	meq/L				Calculation	04/30/09 10:59 / kbh
Cations	4.90	meq/L				Calculation	04/30/09 10:59 / kbh
Solids, Total Dissolved Calculated	332	mg/L				Calculation	04/30/09 10:59 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 10:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-019
Client Sample ID: M-120

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	11	mg/L		1		A2320 B	04/27/09 10:51 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	04/27/09 10:51 / ljl
Bicarbonate as HCO3	2	mg/L		1		A2320 B	04/27/09 10:51 / ljl
Calcium	55	mg/L		1		E200.7	04/23/09 20:52 / cp
Chloride	92	mg/L		1		E300.0	04/28/09 01:11 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:28 / ljl
Magnesium	1	mg/L		1		E200.7	04/23/09 20:52 / cp
Nitrogen, Ammonia as N	0.13	mg/L		0.05		E350.1	04/23/09 13:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:44 / eli-b
Potassium	13	mg/L		1		E200.7	04/23/09 20:52 / cp
Silica	11.6	mg/L		0.2		E200.7	04/23/09 20:52 / cp
Sodium	43	mg/L		1		E200.7	04/23/09 20:52 / cp
Sulfate	113	mg/L		1		E300.0	04/28/09 01:11 / ljl
PHYSICAL PROPERTIES							
Conductivity	604	umhos/cm		1		A2510 B	04/22/09 11:26 / dd
pH	9.45	s.u.		0.01		A4500-H B	04/22/09 11:26 / dd
Solids, Total Dissolved TDS @ 180 C	357	mg/L		10		A2540 C	04/22/09 13:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 20:52 / cp
Arsenic	0.004	mg/L		0.001		E200.8	04/25/09 02:42 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 20:52 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 20:52 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 02:42 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 20:52 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 09:20 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 20:52 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 02:42 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 20:52 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 02:42 / ts
Molybdenum	ND	mg/L		0.1		E200.7	04/23/09 20:52 / cp
Nickel	ND	mg/L		0.05		E200.7	04/23/09 20:52 / cp
Selenium	0.002	mg/L		0.001		E200.8	04/25/09 02:42 / ts
Uranium	0.0494	mg/L		0.0003		E200.8	04/25/09 02:42 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 02:42 / ts
Zinc	ND	mg/L		0.01		E200.8	05/05/09 14:22 / sml
METALS - TOTAL							
Iron	0.03	mg/L		0.03		E200.7	05/05/09 02:57 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 02:57 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-019
Client Sample ID: M-120

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	71.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha precision (±)	3.8	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta	27.2	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	05/08/09 04:12 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/08/09 04:12 / cgr
Radium 226	1.1	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 228	0.4	pCi/L	U			RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.45	%				Calculation	04/30/09 11:00 / kbh
Anions	5.17	meq/L				Calculation	04/30/09 11:00 / kbh
Cations	5.03	meq/L				Calculation	04/30/09 11:00 / kbh
Solids, Total Dissolved Calculated	338	mg/L				Calculation	04/30/09 11:00 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	04/30/09 11:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-020
Client Sample ID: M-121

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	04/27/09 10:59 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 10:59 / ljl
Bicarbonate as HCO3	140	mg/L		1		A2320 B	04/27/09 10:59 / ljl
Calcium	60	mg/L		1		E200.7	04/23/09 20:57 / cp
Chloride	5	mg/L		1		E300.0	04/28/09 01:26 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:30 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 20:57 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:45 / eli-b
Potassium	4	mg/L		1		E200.7	04/23/09 20:57 / cp
Silica	13.7	mg/L		0.2		E200.7	04/23/09 20:57 / cp
Sodium	35	mg/L		1		E200.7	04/23/09 20:57 / cp
Sulfate	129	mg/L		1		E300.0	04/28/09 01:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	501	umhos/cm		1		A2510 B	04/22/09 11:28 / dd
pH	7.90	s.u.		0.01		A4500-H B	04/22/09 11:28 / dd
Solids, Total Dissolved TDS @ 180 C	326	mg/L		10		A2540 C	04/22/09 13:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 20:57 / cp
Arsenic	0.004	mg/L		0.001		E200.8	04/25/09 02:48 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 20:57 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 20:57 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 02:48 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 20:57 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 09:27 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 20:57 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 02:48 / ts
Manganese	0.03	mg/L		0.01		E200.7	04/23/09 20:57 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 02:48 / ts
Molybdenum	ND	mg/L		0.1		E200.7	04/23/09 20:57 / cp
Nickel	ND	mg/L		0.05		E200.7	04/23/09 20:57 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 02:48 / ts
Uranium	0.0408	mg/L		0.0003		E200.8	04/25/09 02:48 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 02:48 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/05/09 14:29 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:09 / rdw
Manganese	0.04	mg/L		0.01		E200.7	05/07/09 16:01 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-020
Client Sample ID: M-121

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	54.6	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta	13.3	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/08/09 05:45 / cgr
Radium 226	0.86	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 precision (±)	0.20	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	05/15/09 01:08 / jah
Radium 228	1.2	pCi/L	U			RA-05	05/05/09 10:23 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/05/09 10:23 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/05/09 10:23 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.51	%				Calculation	04/30/09 11:02 / kbh
Anions	5.13	meq/L				Calculation	04/30/09 11:02 / kbh
Cations	4.88	meq/L				Calculation	04/30/09 11:02 / kbh
Solids, Total Dissolved Calculated	323	mg/L				Calculation	04/30/09 11:02 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 11:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-021
Client Sample ID: M-129

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	04/27/09 11:06 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 11:06 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	04/27/09 11:06 / ljl
Calcium	72	mg/L		1		E200.7	04/23/09 21:01 / cp
Chloride	5	mg/L		1		E300.0	04/28/09 01:41 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 11:33 / ljl
Magnesium	3	mg/L		1		E200.7	04/23/09 21:01 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:46 / eli-b
Potassium	2	mg/L		1		E200.7	04/23/09 21:01 / cp
Silica	11.9	mg/L		0.2		E200.7	04/23/09 21:01 / cp
Sodium	30	mg/L		1		E200.7	04/23/09 21:01 / cp
Sulfate	151	mg/L		1		E300.0	04/28/09 01:41 / ljl
PHYSICAL PROPERTIES							
Conductivity	531	umhos/cm		1		A2510 B	04/22/09 11:31 / dd
pH	7.82	s.u.		0.01		A4500-H B	04/22/09 11:31 / dd
Solids, Total Dissolved TDS @ 180 C	353	mg/L		10		A2540 C	04/22/09 13:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/23/09 21:01 / cp
Arsenic	0.001	mg/L		0.001		E200.8	04/25/09 02:55 / ts
Barium	ND	mg/L		0.1		E200.7	04/23/09 21:01 / cp
Boron	ND	mg/L		0.1		E200.7	04/23/09 21:01 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 02:55 / ts
Chromium	ND	mg/L		0.05		E200.7	04/23/09 21:01 / cp
Copper	ND	mg/L		0.01		E200.8	05/01/09 09:34 / ts
Iron	ND	mg/L		0.03		E200.7	04/23/09 21:01 / cp
Lead	ND	mg/L		0.001		E200.8	04/25/09 02:55 / ts
Manganese	ND	mg/L		0.01		E200.7	04/23/09 21:01 / cp
Mercury	ND	mg/L		0.001		E200.8	04/25/09 02:55 / ts
Molybdenum	ND	mg/L		0.1		E200.7	04/23/09 21:01 / cp
Nickel	ND	mg/L		0.05		E200.7	04/23/09 21:01 / cp
Selenium	ND	mg/L		0.001		E200.8	04/25/09 02:55 / ts
Uranium	0.171	mg/L		0.0003		E200.8	04/25/09 02:55 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 02:55 / ts
Zinc	ND	mg/L		0.01		E200.8	05/05/09 14:35 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	05/05/09 03:02 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 03:02 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-021
Client Sample ID: M-129

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	174	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha precision (±)	5.4	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta	59.2	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/08/09 05:45 / cgr
Radium 226	41	pCi/L				E903.0	05/15/09 02:57 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	05/15/09 02:57 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	05/15/09 02:57 / jah
Radium 228	4.8	pCi/L				RA-05	05/05/09 12:27 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/05/09 12:27 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	05/05/09 12:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.79	%				Calculation	04/30/09 11:04 / kbh
Anions	5.51	meq/L				Calculation	04/30/09 11:04 / kbh
Cations	5.21	meq/L				Calculation	04/30/09 11:04 / kbh
Solids, Total Dissolved Calculated	345	mg/L				Calculation	04/30/09 11:04 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 11:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-022
Client Sample ID: M-130

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	04/27/09 11:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 11:26 / ljl
Bicarbonate as HCO3	2	mg/L		1		A2320 B	04/27/09 11:26 / ljl
Calcium	ND	mg/L		1		E200.7	05/01/09 16:02 / rdw
Chloride	ND	mg/L		1		E300.0	04/28/09 02:28 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/24/09 11:40 / ljl
Magnesium	ND	mg/L		1		E200.7	05/01/09 16:02 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/23/09 13:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/23/09 12:22 / eli-b
Potassium	ND	mg/L		1		E200.7	05/01/09 16:02 / rdw
Silica	ND	mg/L		0.2		E200.7	05/07/09 12:31 / cp
Sodium	ND	mg/L		1		E200.7	05/01/09 16:02 / rdw
Sulfate	ND	mg/L		1		E300.0	04/28/09 02:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	ND	umhos/cm		1		A2510 B	04/22/09 11:35 / dd
pH	5.96	s.u.		0.01		A4500-H B	04/22/09 11:35 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	04/22/09 13:51 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/07/09 12:31 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 13:25 / ts
Barium	ND	mg/L		0.1		E200.7	05/01/09 16:02 / rdw
Boron	ND	mg/L		0.1		E200.7	05/07/09 12:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 13:25 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 13:25 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 13:25 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 16:02 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 13:25 / ts
Manganese	ND	mg/L		0.01		E200.7	05/01/09 16:02 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/06/09 13:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 13:25 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 13:25 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 13:25 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/06/09 13:25 / ts
Vanadium	ND	mg/L		0.1		E200.7	05/01/09 16:02 / rdw
Zinc	ND	mg/L		0.01		E200.7	05/01/09 16:02 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:31 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 16:05 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040674-022
Client Sample ID: M-130

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1.7	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Alpha MDC	0.7	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta	-2	pCi/L	U			E900.0	05/08/09 05:45 / cgr
Gross Beta precision (±)	1.6	pCi/L				E900.0	05/08/09 05:45 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	05/08/09 05:45 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	05/15/09 02:57 / jah
Radium 226 precision (±)	0.06	pCi/L				E903.0	05/15/09 02:57 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/15/09 02:57 / jah
Radium 228	-0.4	pCi/L	U			RA-05	05/05/09 12:27 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 12:27 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/05/09 12:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-62.5	%				Calculation	05/06/09 07:51 / kbh
Anions	0.0416	meq/L				Calculation	05/06/09 07:51 / kbh
Cations	0.00960	meq/L				Calculation	05/06/09 07:51 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R117335
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090424B				04/24/09 16:41
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090424B				04/24/09 16:56
Alkalinity, Total as CaCO3		208	mg/L	5.0	102	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090424B				04/24/09 17:04
Alkalinity, Total as CaCO3		52.9	mg/L	5.0	100	90	110			
Sample ID: C09040674-002AMS		Sample Matrix Spike				Run: MANTECH_090424B				04/24/09 17:55
Alkalinity, Total as CaCO3		254	mg/L	5.0	100	80	120			
Sample ID: C09040674-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/24/09 18:03
Alkalinity, Total as CaCO3		256	mg/L	5.0	101	80	120	0.5	20	
Sample ID: C09040674-012AMS		Sample Matrix Spike				Run: MANTECH_090424B				04/24/09 19:31
Alkalinity, Total as CaCO3		241	mg/L	5.0	102	80	120			
Sample ID: C09040674-012AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/24/09 19:39
Alkalinity, Total as CaCO3		239	mg/L	5.0	101	80	120	0.6	20	
Sample ID: C09040674-022AMS		Sample Matrix Spike				Run: MANTECH_090424B				04/24/09 21:20
Alkalinity, Total as CaCO3		130	mg/L	5.0	102	80	120			
Sample ID: C09040674-022AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/24/09 21:28
Alkalinity, Total as CaCO3		131	mg/L	5.0	103	80	120	0.8	20	
Method: A2320 B										Batch: R117412
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090427A				04/27/09 10:09
Alkalinity, Total as CaCO3		5	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		6	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090427A				04/27/09 10:24
Alkalinity, Total as CaCO3		206	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090427A				04/27/09 10:31
Alkalinity, Total as CaCO3		53.0	mg/L	5.0	97	90	110			
Sample ID: C09040674-021AMS		Sample Matrix Spike				Run: MANTECH_090427A				04/27/09 11:13
Alkalinity, Total as CaCO3		234	mg/L	5.0	100	80	120			
Sample ID: C09040674-021AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090427A				04/27/09 11:21
Alkalinity, Total as CaCO3		237	mg/L	5.0	102	80	120	1.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B									Analytical Run: ORION555A_090421A	
Sample ID: ICV2_090421_1		Initial Calibration Verification Standard							04/21/09 14:53	
Conductivity		1480	umhos/cm	1.0	105	90	110			
Method: A2510 B									Batch: 090421_1_PH-W_555A-1	
Sample ID: MBLK1_090421_1		Method Blank				Run: ORION555A_090421A			04/21/09 14:48	
Conductivity		1	umhos/cm	0.2						
Sample ID: C09040674-006ADUP		Sample Duplicate				Run: ORION555A_090421A			04/21/09 15:21	
Conductivity		706	umhos/cm	1.0				0.4	10	
Sample ID: C09040674-016ADUP		Sample Duplicate				Run: ORION555A_090421A			04/21/09 15:47	
Conductivity		462	umhos/cm	1.0				0.2	10	
Method: A2510 B									Analytical Run: ORION555A_090422A	
Sample ID: ICV2_090422_1		Initial Calibration Verification Standard							04/22/09 11:15	
Conductivity		1490	umhos/cm	1.0	105	90	110			
Method: A2510 B									Batch: 090422_1_PH-W_555A-1	
Sample ID: MBLK1_090422_1		Method Blank				Run: ORION555A_090422A			04/22/09 11:11	
Conductivity		1	umhos/cm	0.2						
Sample ID: C09040675-002ADUP		Sample Duplicate				Run: ORION555A_090422A			04/22/09 11:40	
Conductivity		1200	umhos/cm	1.0				0.1	10	
Method: A2540 C									Batch: 090421_1_SLDS-TDS-W	
Sample ID: MBLK1_090421		Method Blank				Run: BAL-1_090421B			04/21/09 15:24	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090421		Laboratory Control Sample				Run: BAL-1_090421B			04/21/09 15:24	
Solids, Total Dissolved TDS @ 180 C		1000	mg/L	10	100	90	110			
Sample ID: C09040674-005AMS		Sample Matrix Spike				Run: BAL-1_090421B			04/21/09 15:27	
Solids, Total Dissolved TDS @ 180 C		2450	mg/L	10	97	90	110			
Sample ID: C09040674-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090421B			04/21/09 15:28	
Solids, Total Dissolved TDS @ 180 C		2450	mg/L	10	97	90	110	0	10	
Sample ID: C09040674-015AMS		Sample Matrix Spike				Run: BAL-1_090421B			04/21/09 15:32	
Solids, Total Dissolved TDS @ 180 C		2230	mg/L	10	95	90	110			
Sample ID: C09040674-015AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090421B			04/21/09 15:32	
Solids, Total Dissolved TDS @ 180 C		2230	mg/L	10	95	90	110		10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090422_1_SLDS-TDS-W	
Sample ID: MBLK1_090422		Method Blank				Run: BAL-1_090422A			04/22/09 13:49	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090422		Laboratory Control Sample				Run: BAL-1_090422A			04/22/09 13:49	
Solids, Total Dissolved TDS @ 180 C		990	mg/L	10	99	90	110			
Sample ID: C09040678-003AMS		Sample Matrix Spike				Run: BAL-1_090422A			04/22/09 13:52	
Solids, Total Dissolved TDS @ 180 C		3150	mg/L	10	101	90	110			
Sample ID: C09040678-003AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090422A			04/22/09 13:52	
Solids, Total Dissolved TDS @ 180 C		3150	mg/L	10	101	90	110	0.1	10	
Sample ID: C09040693-007AMS		Sample Matrix Spike				Run: BAL-1_090422A			04/22/09 13:55	
Solids, Total Dissolved TDS @ 180 C		2350	mg/L	10	101	90	110			
Sample ID: C09040693-007AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090422A			04/22/09 13:55	
Solids, Total Dissolved TDS @ 180 C		2360	mg/L	10	101	90	110	0.3	10	
Method: A4500-F C									Batch: R117327	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090424A			04/24/09 09:45	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090424A			04/24/09 09:47	
Fluoride		0.980	mg/L	0.10	98	90	110			
Sample ID: C09040674-002AMS		Sample Matrix Spike				Run: MANTECH_090424A			04/24/09 10:04	
Fluoride		1.14	mg/L	0.10	102	80	120			
Sample ID: C09040674-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A			04/24/09 10:07	
Fluoride		1.16	mg/L	0.10	104	80	120	1.7	10	
Sample ID: C09040674-012AMS		Sample Matrix Spike				Run: MANTECH_090424A			04/24/09 10:48	
Fluoride		1.18	mg/L	0.10	102	80	120			
Sample ID: C09040674-012AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A			04/24/09 10:50	
Fluoride		1.18	mg/L	0.10	102	80	120	0	10	
Sample ID: C09040674-022AMS		Sample Matrix Spike				Run: MANTECH_090424A			04/24/09 11:43	
Fluoride		1.04	mg/L	0.10	104	80	120			
Sample ID: C09040674-022AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A			04/24/09 11:46	
Fluoride		1.06	mg/L	0.10	106	80	120	1.9	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B									Analytical Run: ORION555A_090421A	
Sample ID: ICV1_090421_1		Initial Calibration Verification Standard							04/21/09 14:50	
pH		6.90	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090421_1_PH-W_555A-1	
Sample ID: C09040674-006ADUP		Sample Duplicate				Run: ORION555A_090421A			04/21/09 15:21	
pH		7.90	s.u.	0.010				0.8	10	
Sample ID: C09040674-016ADUP		Sample Duplicate				Run: ORION555A_090421A			04/21/09 15:47	
pH		8.75	s.u.	0.010				0	10	
Method: A4500-H B									Analytical Run: ORION555A_090422A	
Sample ID: ICV1_090422_1		Initial Calibration Verification Standard							04/22/09 11:13	
pH		6.82	s.u.	0.010	99	98	102			
Method: A4500-H B									Batch: 090422_1_PH-W_555A-1	
Sample ID: C09040675-002ADUP		Sample Duplicate				Run: ORION555A_090422A			04/22/09 11:40	
pH		8.42	s.u.	0.010				0.1	10	
Method: E200.7									Batch: 22129	
Sample ID: MB-22129	2	Method Blank				Run: ICP3-C_090504A			05/05/09 01:16	
Iron		ND	mg/L	0.02						
Manganese		ND	mg/L	0.02						
Sample ID: LCS3-22129	2	Laboratory Control Sample				Run: ICP3-C_090504A			05/05/09 01:36	
Iron		2.21	mg/L	0.030	88	85	115			
Manganese		2.18	mg/L	0.020	87	85	115			
Sample ID: C09040770-001AMS3	2	Sample Matrix Spike				Run: ICP3-C_090504A			05/05/09 03:22	
Iron		6.26	mg/L	0.030	101	70	130			
Manganese		2.69	mg/L	0.020	97	70	130			
Sample ID: C09040770-001AMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A			05/05/09 03:27	
Iron		6.62	mg/L	0.030	116	70	130	5.6	20	
Manganese		2.82	mg/L	0.020	102	70	130	4.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117290
Sample ID: MB-090423A	14	Method Blank				Run: ICP2-C_090423A				04/23/09 12:10
Aluminum		ND	mg/L	0.03						
Barium		ND	mg/L	0.0008						
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Chromium		ND	mg/L	0.006						
Iron		0.01	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Molybdenum		ND	mg/L	0.03						
Nickel		ND	mg/L	0.009						
Potassium		ND	mg/L	0.1						
Silicon		ND	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Vanadium		ND	mg/L	0.2						
Sample ID: LFB-090423A	14	Laboratory Fortified Blank				Run: ICP2-C_090423A				04/23/09 12:14
Aluminum		0.954	mg/L	0.10	95	85	115			
Barium		0.971	mg/L	0.10	97	85	115			
Boron		0.990	mg/L	0.10	99	85	115			
Calcium		49.8	mg/L	0.50	100	85	115			
Chromium		0.991	mg/L	0.050	99	85	115			
Iron		1.00	mg/L	0.030	99	85	115			
Magnesium		48.1	mg/L	0.50	96	85	115			
Manganese		0.963	mg/L	0.010	96	85	115			
Molybdenum		0.956	mg/L	0.10	96	85	115			
Nickel		0.981	mg/L	0.050	98	85	115			
Potassium		47.9	mg/L	0.50	96	85	115			
Silicon		0.390	mg/L	0.015	98	85	115			
Sodium		47.9	mg/L	0.50	96	85	115			
Vanadium		1.02	mg/L	0.16	102	85	115			
Sample ID: MB-22103	14	Method Blank				Run: ICP2-C_090423A				04/23/09 18:14
Aluminum		ND	mg/L	0.06						
Barium		ND	mg/L	0.002						
Boron		ND	mg/L	0.06						
Calcium		ND	mg/L	0.5						
Chromium		ND	mg/L	0.01						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Molybdenum		ND	mg/L	0.05						
Nickel		ND	mg/L	0.02						
Potassium		ND	mg/L	0.2						
Silicon		0.2	mg/L	0.04						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117290
Sample ID: MB-22103	14	Method Blank				Run: ICP2-C_090423A				04/23/09 18:14
Sodium		ND	mg/L	0.5						
Vanadium		-0.001	mg/L							
Sample ID: C09040674-006BMS2	14	Sample Matrix Spike				Run: ICP2-C_090423A				04/23/09 18:43
Aluminum		1.87	mg/L	0.10	93	70	130			
Barium		2.00	mg/L	0.10	99	70	130			
Boron		2.03	mg/L	0.10	102	70	130			
Calcium		209	mg/L	1.0	101	70	130			
Chromium		1.98	mg/L	0.050	99	70	130			
Iron		1.97	mg/L	0.030	98	70	130			
Magnesium		102	mg/L	1.0	97	70	130			
Manganese		1.99	mg/L	0.010	99	70	130			
Molybdenum		1.76	mg/L	0.10	88	70	130			
Nickel		1.96	mg/L	0.050	98	70	130			
Potassium		87.7	mg/L	1.0	84	70	130			
Silicon		7.97	mg/L	0.10		70	130			A
Sodium		133	mg/L	1.0	103	70	130			
Vanadium		2.01	mg/L	0.10	101	70	130			
Sample ID: C09040674-006BMSD	14	Sample Matrix Spike Duplicate				Run: ICP2-C_090423A				04/23/09 18:47
Aluminum		1.95	mg/L	0.10	97	70	130	4.2	20	
Barium		1.91	mg/L	0.10	94	70	130	4.7	20	
Boron		2.04	mg/L	0.10	102	70	130	0.2	20	
Calcium		200	mg/L	1.0	93	70	130	4.3	20	
Chromium		1.97	mg/L	0.050	98	70	130	0.5	20	
Iron		1.98	mg/L	0.030	99	70	130	0.8	20	
Magnesium		103	mg/L	1.0	99	70	130	1.7	20	
Manganese		1.95	mg/L	0.010	97	70	130	2	20	
Molybdenum		1.96	mg/L	0.10	98	70	130	11	20	
Nickel		1.94	mg/L	0.050	97	70	130	1.3	20	
Potassium		87.9	mg/L	1.0	85	70	130	0.2	20	
Silicon		7.87	mg/L	0.10		70	130	1.3	20	A
Sodium		134	mg/L	1.0	103	70	130	0.3	20	
Vanadium		2.01	mg/L	0.10	101	70	130	0.2	20	
Sample ID: C09040674-016BMS2	14	Sample Matrix Spike				Run: ICP2-C_090423A				04/23/09 20:32
Aluminum		1.98	mg/L	0.10	99	70	130			
Barium		2.01	mg/L	0.10	100	70	130			
Boron		2.06	mg/L	0.10	103	70	130			
Calcium		152	mg/L	1.0	99	70	130			
Chromium		1.99	mg/L	0.050	100	70	130			
Iron		1.92	mg/L	0.030	96	70	130			
Magnesium		99.6	mg/L	1.0	98	70	130			
Manganese		1.98	mg/L	0.010	99	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117290	
Sample ID: C09040674-016BMS2	14	Sample Matrix Spike				Run: ICP2-C_090423A			04/23/09 20:32	
Molybdenum		2.07	mg/L	0.10	104	70	130			
Nickel		2.00	mg/L	0.050	100	70	130			
Potassium		89.6	mg/L	1.0	85	70	130			
Silicon		6.90	mg/L	0.10		70	130			A
Sodium		133	mg/L	1.0	102	70	130			
Vanadium		2.01	mg/L	0.33	100	70	130			
Sample ID: C09040674-016BMSD	14	Sample Matrix Spike Duplicate				Run: ICP2-C_090423A			04/23/09 20:36	
Aluminum		1.92	mg/L	0.10	96	70	130	3	20	
Barium		2.01	mg/L	0.10	100	70	130	0.1	20	
Boron		2.12	mg/L	0.10	106	70	130	2.9	20	
Calcium		149	mg/L	1.0	96	70	130	1.9	20	
Chromium		1.99	mg/L	0.050	100	70	130	0.1	20	
Iron		1.97	mg/L	0.030	99	70	130	2.6	20	
Magnesium		99.0	mg/L	1.0	98	70	130	0.6	20	
Manganese		1.99	mg/L	0.010	99	70	130	0.3	20	
Molybdenum		2.10	mg/L	0.10	105	70	130	1.2	20	
Nickel		1.97	mg/L	0.050	99	70	130	1.4	20	
Potassium		90.4	mg/L	1.0	86	70	130	0.9	20	
Silicon		6.79	mg/L	0.10		70	130	1.7	20	A
Sodium		132	mg/L	1.0	101	70	130	0.9	20	
Vanadium		1.98	mg/L	0.33	98	70	130	1.2	20	
Method: E200.7									Batch: R117337	
Sample ID: LRB		Method Blank				Run: ICP3-C_090424A			04/24/09 13:15	
Iron		0.05	mg/L	0.01						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICP3-C_090424A			04/24/09 13:19	
Iron		5.68	mg/L	0.030	113	85	115			
Sample ID: C09030815-001BMS		Sample Matrix Spike				Run: ICP3-C_090424A			04/24/09 13:46	
Iron		0.586	mg/L	0.030	105	70	130			
Sample ID: C09030815-001BMSD		Sample Matrix Spike Duplicate				Run: ICP3-C_090424A			04/24/09 13:50	
Iron		0.593	mg/L	0.030	106	70	130	1.3	20	
Sample ID: MB-22131		Method Blank				Run: ICP3-C_090424A			04/24/09 14:12	
Iron		0.02	mg/L	0.01						
Sample ID: C09040674-018CMS		Sample Matrix Spike				Run: ICP3-C_090424A			04/24/09 15:00	
Iron		0.681	mg/L	0.030	130	70	130			
Sample ID: C09040674-018CMSD		Sample Matrix Spike Duplicate				Run: ICP3-C_090424A			04/24/09 15:05	
Iron		0.634	mg/L	0.030	121	70	130	7.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117688
Sample ID: LRB	9	Method Blank				Run: ICP3-C_090501A				05/01/09 15:19
Barium		ND	mg/L	0.003						
Calcium		ND	mg/L	0.2						
Iron		0.05	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Vanadium		ND	mg/L	0.002						
Zinc		ND	mg/L	0.008						
Sample ID: LFB	9	Laboratory Fortified Blank				Run: ICP3-C_090501A				05/01/09 15:24
Barium		0.951	mg/L	0.10	95	85	115			
Calcium		46.4	mg/L	0.50	93	85	115			
Iron		4.86	mg/L	0.030	96	85	115			
Magnesium		47.5	mg/L	0.50	95	85	115			
Manganese		4.69	mg/L	0.010	94	85	115			
Potassium		44.9	mg/L	0.50	90	85	115			
Sodium		45.5	mg/L	0.50	91	85	115			
Vanadium		0.952	mg/L	0.10	95	85	115			
Zinc		0.985	mg/L	0.010	99	85	115			
Sample ID: C09040592-004CMS	9	Sample Matrix Spike				Run: ICP3-C_090501A				05/01/09 15:45
Barium		2.34	mg/L	0.10	92	70	130			
Calcium		564	mg/L	1.0	89	70	130			
Iron		11.1	mg/L	0.069	88	70	130			
Magnesium		384	mg/L	1.0	91	70	130			
Manganese		3.66	mg/L	0.016	93	70	130			
Potassium		234	mg/L	1.0	89	70	130			
Sodium		424	mg/L	1.0	89	70	130			
Vanadium		2.36	mg/L	0.10	92	70	130			
Zinc		2.65	mg/L	0.041	92	70	130			
Sample ID: C09040592-004CMSD	9	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A				05/01/09 15:50
Barium		2.32	mg/L	0.10	91	70	130	0.6	20	
Calcium		559	mg/L	1.0	87	70	130	0.9	20	
Iron		11.0	mg/L	0.069	82	70	130	1.3	20	
Magnesium		380	mg/L	1.0	89	70	130	1	20	
Manganese		3.61	mg/L	0.016	91	70	130	1.3	20	
Potassium		232	mg/L	1.0	89	70	130	0.9	20	
Sodium		420	mg/L	1.0	87	70	130	1.1	20	
Vanadium		2.34	mg/L	0.10	92	70	130	0.5	20	
Zinc		2.62	mg/L	0.041	91	70	130	1.3	20	
Sample ID: MB-21862	9	Method Blank				Run: ICP3-C_090501A				05/01/09 17:44
Barium		ND	mg/L	0.003						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117688
Sample ID: MB-21862	9	Method Blank				Run: ICP3-C_090501A				05/01/09 17:44
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		0.05	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Vanadium		ND	mg/L	0.002						
Zinc		ND	mg/L	0.008						
Sample ID: C09040234-001BMS	9	Sample Matrix Spike				Run: ICP3-C_090501A				05/01/09 18:01
Barium		2.29	mg/L	0.10	90	70	130			
Calcium		234	mg/L	1.0	92	70	130			
Iron		2.32	mg/L	0.069	91	70	130			
Magnesium		238	mg/L	1.0	93	70	130			
Manganese		2.31	mg/L	0.016	91	70	130			
Potassium		229	mg/L	1.0	89	70	130			
Sodium		474	mg/L	1.0	88	70	130			
Vanadium		2.31	mg/L	0.10	91	70	130			
Zinc		2.53	mg/L	0.041	99	70	130			
Sample ID: C09040234-001BMSD	9	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A				05/01/09 18:06
Barium		2.33	mg/L	0.10	91	70	130	1.9	20	
Calcium		232	mg/L	1.0	91	70	130	1	20	
Iron		2.36	mg/L	0.069	93	70	130	1.6	20	
Magnesium		232	mg/L	1.0	91	70	130	2.4	20	
Manganese		2.32	mg/L	0.016	91	70	130	0.1	20	
Potassium		228	mg/L	1.0	89	70	130	0.5	20	
Sodium		470	mg/L	1.0	87	70	130	0.8	20	
Vanadium		2.33	mg/L	0.10	91	70	130	0.9	20	
Zinc		2.59	mg/L	0.041	102	70	130	2.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117920
Sample ID: MB-090507A	5	Method Blank				Run: ICP2-C_090507A			05/07/09 11:30	
Aluminum		ND	mg/L	0.01						
Boron		ND	mg/L	0.03						
Iron		ND	mg/L	0.005						
Manganese		ND	mg/L	0.001						
Silicon		ND	mg/L	0.01						
Sample ID: LFB-090507A	5	Laboratory Fortified Blank				Run: ICP2-C_090507A			05/07/09 11:34	
Aluminum		0.981	mg/L	0.10	98	85	115			
Boron		0.988	mg/L	0.10	99	85	115			
Iron		0.934	mg/L	0.030	93	85	115			
Manganese		0.933	mg/L	0.010	93	85	115			
Silicon		0.451	mg/L	0.015	113	85	115			
Sample ID: MB-22103	5	Method Blank				Run: ICP2-C_090507A			05/07/09 12:27	
Aluminum		ND	mg/L	0.06						
Boron		ND	mg/L	0.06						
Iron		ND	mg/L	0.01						
Manganese		ND	mg/L	0.003						
Silicon		ND	mg/L	0.03						
Sample ID: C09040674-022BMS2	5	Sample Matrix Spike				Run: ICP2-C_090507A			05/07/09 12:35	
Aluminum		1.86	mg/L	0.10	93	70	130			
Boron		2.18	mg/L	0.10	109	70	130			
Iron		1.90	mg/L	0.030	95	70	130			
Manganese		1.94	mg/L	0.010	97	70	130			
Silicon		0.843	mg/L	0.10	105	70	130			
Sample ID: C09040674-022BMSD	5	Sample Matrix Spike Duplicate				Run: ICP2-C_090507A			05/07/09 12:39	
Aluminum		1.76	mg/L	0.10	88	70	130	5.4	20	
Boron		2.13	mg/L	0.10	107	70	130	2.4	20	
Iron		1.87	mg/L	0.030	94	70	130	1.5	20	
Manganese		1.93	mg/L	0.010	96	70	130	0.7	20	
Silicon		0.883	mg/L	0.10	110	70	130	4.6	20	
Sample ID: C09040674-009CMS2	5	Sample Matrix Spike				Run: ICP2-C_090507A			05/07/09 15:41	
Aluminum		2.18	mg/L	0.16	109	70	130			
Boron		2.18	mg/L	0.10	109	70	130			
Iron		2.01	mg/L	0.067	100	70	130			
Manganese		2.08	mg/L	0.014	104	70	130			
Silicon		8.00	mg/L	0.10		70	130			A
Sample ID: C09040674-009CMSD	5	Sample Matrix Spike Duplicate				Run: ICP2-C_090507A			05/07/09 15:45	
Aluminum		2.22	mg/L	0.16	111	70	130	2	20	
Boron		2.01	mg/L	0.10	101	70	130	7.9	20	
Iron		1.93	mg/L	0.067	96	70	130	4.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117920	
Sample ID: C09040674-009CMSD	5	Sample Matrix Spike Duplicate				Run: ICP2-C_090507A			05/07/09 15:45	
Manganese		2.00	mg/L	0.014	100	70	130	3.7	20	
Silicon		7.54	mg/L	0.10		70	130	5.9	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118327
Sample ID: MB-090518A	15	Method Blank				Run: ICP2-C_090518A				05/18/09 13:08
Aluminum		ND	mg/L	0.03						
Barium		ND	mg/L	0.0008						
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Chromium		ND	mg/L	0.006						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Molybdenum		ND	mg/L	0.03						
Nickel		ND	mg/L	0.009						
Potassium		ND	mg/L	0.1						
Silicon		0.04	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Vanadium		ND	mg/L	0.2						
Zinc		ND	mg/L	0.01						
Sample ID: LFB-090518A	15	Laboratory Fortified Blank				Run: ICP2-C_090518A				05/18/09 13:12
Aluminum		0.938	mg/L	0.10	94	85	115			
Barium		0.972	mg/L	0.10	97	85	115			
Boron		1.01	mg/L	0.10	101	85	115			
Calcium		49.6	mg/L	0.50	99	85	115			
Chromium		0.976	mg/L	0.050	98	85	115			
Iron		0.942	mg/L	0.030	94	85	115			
Magnesium		49.8	mg/L	0.50	100	85	115			
Manganese		0.973	mg/L	0.010	97	85	115			
Molybdenum		0.978	mg/L	0.10	98	85	115			
Nickel		0.949	mg/L	0.050	95	85	115			
Potassium		47.3	mg/L	0.50	95	85	115			
Silicon		0.452	mg/L	0.015	104	85	115			
Sodium		47.9	mg/L	0.50	96	85	115			
Vanadium		1.01	mg/L	0.16	101	85	115			
Zinc		0.994	mg/L	0.014	99	85	115			
Sample ID: C09050081-001BMS2	15	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 16:24
Aluminum		2.14	mg/L	0.10	101	70	130			
Barium		2.03	mg/L	0.10	97	70	130			
Boron		2.17	mg/L	0.10	106	70	130			
Calcium		200	mg/L	1.0	103	70	130			
Chromium		2.02	mg/L	0.050	99	70	130			
Iron		2.04	mg/L	0.030	100	70	130			
Magnesium		105	mg/L	1.0	101	70	130			
Manganese		2.02	mg/L	0.010	99	70	130			
Molybdenum		1.99	mg/L	0.10	98	70	130			
Nickel		2.06	mg/L	0.050	101	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118327
Sample ID: C09050081-001BMS2	15	Sample Matrix Spike				Run: ICP2-C_090518A			05/18/09 16:24	
Potassium		103	mg/L	1.0	93	70	130			
Silicon		8.32	mg/L	0.10		70	130			A
Sodium		131	mg/L	1.0	98	70	130			
Vanadium		2.01	mg/L	0.33	99	70	130			
Zinc		2.03	mg/L	0.027	100	70	130			
Sample ID: C09050081-001BMSD	15	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A			05/18/09 16:29	
Aluminum		2.11	mg/L	0.10	99	70	130	1.2	20	
Barium		2.06	mg/L	0.10	98	70	130	1.2	20	
Boron		2.19	mg/L	0.10	107	70	130	0.8	20	
Calcium		198	mg/L	1.0	102	70	130	0.8	20	
Chromium		2.04	mg/L	0.050	100	70	130	1.1	20	
Iron		2.04	mg/L	0.030	100	70	130	0.4	20	
Magnesium		102	mg/L	1.0	98	70	130	2.8	20	
Manganese		2.01	mg/L	0.010	99	70	130	0.3	20	
Molybdenum		2.01	mg/L	0.10	99	70	130	0.9	20	
Nickel		2.01	mg/L	0.050	98	70	130	2.5	20	
Potassium		104	mg/L	1.0	94	70	130	0.8	20	
Silicon		8.24	mg/L	0.10		70	130	0.9	20	A
Sodium		131	mg/L	1.0	98	70	130	0	20	
Vanadium		2.05	mg/L	0.33	101	70	130	1.9	20	
Zinc		2.03	mg/L	0.027	100	70	130	0	20	
Method: E200.8										Batch: 22129
Sample ID: C09040866-009BMS4		Sample Matrix Spike				Run: ICPMS4-C_090427B			04/28/09 04:04	
Manganese		0.0528	mg/L	0.010	96	70	130			
Sample ID: C09040866-009BMSD		Sample Matrix Spike Duplicate				Run: ICPMS4-C_090427B			04/28/09 04:11	
Manganese		0.0514	mg/L	0.010	93	70	130	2.8	20	
Sample ID: MB-22129		Method Blank				Run: ICPMS4-C_090427B			04/28/09 04:24	
Manganese		0.0001	mg/L	4E-05						
Sample ID: LCS3-22129		Laboratory Control Sample				Run: ICPMS4-C_090427B			04/28/09 04:31	
Manganese		2.77	mg/L	0.010	111	85	115			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117340
Sample ID: LRB	9	Method Blank				Run: ICPMS2-C_090424A				04/24/09 13:10
Arsenic		ND	mg/L	0.0003						
Cadmium		ND	mg/L	6E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Sample ID: LFB	9	Laboratory Fortified Blank				Run: ICPMS2-C_090424A				04/24/09 13:17
Arsenic		0.0507	mg/L	0.0010	101	85	115			
Cadmium		0.0503	mg/L	0.0010	101	85	115			
Copper		0.0488	mg/L	0.0010	98	85	115			
Lead		0.0498	mg/L	0.0010	100	85	115			
Mercury		0.00511	mg/L	0.0010	102	85	115			
Molybdenum		0.0510	mg/L	0.0010	102	85	115			
Selenium		0.0502	mg/L	0.0014	100	85	115			
Uranium		0.0494	mg/L	0.00030	99	85	115			
Vanadium		0.0500	mg/L	0.0010	100	85	115			
Sample ID: C09040674-002BMS4	9	Sample Matrix Spike				Run: ICPMS2-C_090424A				04/24/09 22:37
Arsenic		0.0507	mg/L	0.0010	96	70	130			
Cadmium		0.0486	mg/L	0.010	97	70	130			
Copper		0.0465	mg/L	0.010	93	70	130			
Lead		0.0486	mg/L	0.040	97	70	130			
Mercury		0.00496	mg/L	0.0010	99	70	130			
Molybdenum		0.0514	mg/L	0.040	101	70	130			
Selenium		0.0473	mg/L	0.0010	93	70	130			
Uranium		0.0893	mg/L	0.00030	105	70	130			
Vanadium		0.0489	mg/L	0.040	98	70	130			
Sample ID: C09040674-002BMSD	9	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090424A				04/24/09 22:44
Arsenic		0.0511	mg/L	0.0010	97	70	130	0.9	20	
Cadmium		0.0482	mg/L	0.010	96	70	130	0.9	20	
Copper		0.0465	mg/L	0.010	93	70	130	0	20	
Lead		0.0488	mg/L	0.040	97	70	130	0.3	20	
Mercury		0.00496	mg/L	0.0010	99	70	130	0.1	20	
Molybdenum		0.0509	mg/L	0.040	100	70	130	1	20	
Selenium		0.0479	mg/L	0.0010	94	70	130	1.4	20	
Uranium		0.0907	mg/L	0.00030	108	70	130	1.6	20	
Vanadium		0.0499	mg/L	0.040	100	70	130	2	20	
Sample ID: C09040674-012BMS4	9	Sample Matrix Spike				Run: ICPMS2-C_090424A				04/25/09 01:13
Arsenic		0.0493	mg/L	0.0010	97	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117340
Sample ID: C09040674-012BMS4	9	Sample Matrix Spike				Run: ICPMS2-C_090424A			04/25/09 01:13	
Cadmium		0.0484	mg/L	0.010	97	70	130			
Copper		0.0449	mg/L	0.010	90	70	130			
Lead		0.0483	mg/L	0.040	96	70	130			
Mercury		0.00491	mg/L	0.0010	98	70	130			
Molybdenum		0.0509	mg/L	0.040	100	70	130			
Selenium		0.0473	mg/L	0.0010	94	70	130			
Uranium		0.0744	mg/L	0.00030	102	70	130			
Vanadium		0.0482	mg/L	0.040	96	70	130			
Sample ID: C09040674-012BMSD	9	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090424A			04/25/09 01:20	
Arsenic		0.0496	mg/L	0.0010	98	70	130	0.5	20	
Cadmium		0.0483	mg/L	0.010	97	70	130	0.1	20	
Copper		0.0444	mg/L	0.010	89	70	130	1.1	20	
Lead		0.0482	mg/L	0.040	96	70	130	0.1	20	
Mercury		0.00502	mg/L	0.0010	100	70	130	2.2	20	
Molybdenum		0.0511	mg/L	0.040	101	70	130	0.5	20	
Selenium		0.0482	mg/L	0.0010	96	70	130	1.7	20	
Uranium		0.0745	mg/L	0.00030	102	70	130	0.1	20	
Vanadium		0.0489	mg/L	0.040	98	70	130	1.5	20	
Sample ID: C09040674-021BMS4	9	Sample Matrix Spike				Run: ICPMS2-C_090424A			04/25/09 03:02	
Arsenic		0.0490	mg/L	0.0010	96	70	130			
Cadmium		0.0480	mg/L	0.010	96	70	130			
Copper		0.0442	mg/L	0.010	88	70	130			
Lead		0.0483	mg/L	0.040	97	70	130			
Mercury		0.00504	mg/L	0.0010	101	70	130			
Molybdenum		0.0506	mg/L	0.040	99	70	130			
Selenium		0.0473	mg/L	0.0010	94	70	130			
Uranium		0.221	mg/L	0.00030	99	70	130			
Vanadium		0.0486	mg/L	0.040	97	70	130			
Sample ID: C09040674-021BMSD	9	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090424A			04/25/09 03:09	
Arsenic		0.0492	mg/L	0.0010	96	70	130	0.5	20	
Cadmium		0.0474	mg/L	0.010	95	70	130	1.3	20	
Copper		0.0440	mg/L	0.010	88	70	130	0.3	20	
Lead		0.0483	mg/L	0.040	97	70	130	0.1	20	
Mercury		0.00513	mg/L	0.0010	103	70	130	1.8	20	
Molybdenum		0.0501	mg/L	0.040	99	70	130	0.8	20	
Selenium		0.0472	mg/L	0.0010	93	70	130	0.1	20	
Uranium		0.219	mg/L	0.00030	96	70	130	0.7	20	
Vanadium		0.0478	mg/L	0.040	96	70	130	1.8	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117607
Sample ID: LFB		Laboratory Fortified Blank				Run: ICPMS2-C_090430A				04/30/09 14:56
Copper		0.0545	mg/L	0.010	109	85	115			
Sample ID: MB-22132		Method Blank				Run: ICPMS2-C_090430A				04/30/09 15:42
Copper		0.0001	mg/L	7E-05						
Sample ID: C09040844-005AMS4		Sample Matrix Spike				Run: ICPMS2-C_090430A				05/01/09 06:44
Copper		0.0584	mg/L	0.010	90	70	130			
Sample ID: C09040844-005AMSD		Sample Matrix Spike Duplicate				Run: ICPMS2-C_090430A				05/01/09 06:51
Copper		0.0567	mg/L	0.010	87	70	130	3.1	20	
Sample ID: C09040674-021BMS4		Sample Matrix Spike				Run: ICPMS2-C_090430A				05/01/09 09:41
Copper		0.0525	mg/L	0.010	103	70	130			
Sample ID: C09040674-021BMSD		Sample Matrix Spike Duplicate				Run: ICPMS2-C_090430A				05/01/09 09:47
Copper		0.0520	mg/L	0.010	102	70	130	1	20	
Method: E200.8										Batch: R117744
Sample ID: LRB		Method Blank				Run: ICPMS4-C_090504A				05/04/09 13:42
Zinc		ND	mg/L	0.0002						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICPMS4-C_090504A				05/04/09 21:47
Zinc		0.0547	mg/L	0.0010	109	85	115			
Sample ID: C09040674-010BMS4		Sample Matrix Spike				Run: ICPMS4-C_090504A				05/05/09 09:54
Zinc		0.0592	mg/L	0.010	113	70	130			
Sample ID: C09040674-010BMSD		Sample Matrix Spike Duplicate				Run: ICPMS4-C_090504A				05/05/09 10:00
Zinc		0.0584	mg/L	0.010	111	70	130	1.3	20	
Sample ID: C09040674-021BMS4		Sample Matrix Spike				Run: ICPMS4-C_090504A				05/05/09 14:42
Zinc		0.0606	mg/L	0.010	111	70	130			
Sample ID: C09040674-021BMSD		Sample Matrix Spike Duplicate				Run: ICPMS4-C_090504A				05/05/09 14:48
Zinc		0.0594	mg/L	0.010	109	70	130	2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117871
Sample ID: LRB	10	Method Blank				Run: ICPMS2-C_090506A				05/06/09 12:45
Arsenic		ND	mg/L	0.0003						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		0.0003	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Sample ID: LFB	10	Laboratory Fortified Blank				Run: ICPMS2-C_090506A				05/06/09 12:51
Arsenic		0.0501	mg/L	0.0010	100	85	115			
Cadmium		0.0514	mg/L	0.0010	103	85	115			
Chromium		0.0501	mg/L	0.0010	100	85	115			
Copper		0.0505	mg/L	0.0010	100	85	115			
Lead		0.0502	mg/L	0.0010	100	85	115			
Mercury		0.00511	mg/L	0.0010	102	85	115			
Molybdenum		0.0508	mg/L	0.0010	102	85	115			
Nickel		0.0501	mg/L	0.0010	100	85	115			
Selenium		0.0515	mg/L	0.0014	103	85	115			
Uranium		0.0502	mg/L	0.00030	100	85	115			
Sample ID: C09050081-006BMS4	10	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 17:57
Arsenic		0.0522	mg/L	0.0010	102	70	130			
Cadmium		0.0499	mg/L	0.010	100	70	130			
Chromium		0.0490	mg/L	0.040	97	70	130			
Copper		0.0482	mg/L	0.010	95	70	130			
Lead		0.0498	mg/L	0.040	99	70	130			
Mercury		0.00506	mg/L	0.0010	101	70	130			
Molybdenum		0.0497	mg/L	0.040	99	70	130			
Nickel		0.0491	mg/L	0.040	95	70	130			
Selenium		0.0519	mg/L	0.0010	104	70	130			
Uranium		0.110	mg/L	0.00030	102	70	130			
Sample ID: C09050081-006BMSD	10	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 18:03
Arsenic		0.0536	mg/L	0.0010	105	70	130	2.8	20	
Cadmium		0.0510	mg/L	0.010	102	70	130	2.1	20	
Chromium		0.0504	mg/L	0.040	100	70	130	2.7	20	
Copper		0.0490	mg/L	0.010	97	70	130	1.6	20	
Lead		0.0511	mg/L	0.040	102	70	130	2.7	20	
Mercury		0.00531	mg/L	0.0010	106	70	130	4.7	20	
Molybdenum		0.0510	mg/L	0.040	101	70	130	2.7	20	
Nickel		0.0503	mg/L	0.040	98	70	130	2.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871	
Sample ID: C09050081-006BMSD	10	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A			05/06/09 18:03	
Selenium		0.0534	mg/L	0.0010	107	70	130	2.8	20	
Uranium		0.112	mg/L	0.00030	106	70	130	2.1	20	
Method: E200.8									Batch: R118331	
Sample ID: LRB	7	Method Blank				Run: ICPMS2-C_090518A			05/18/09 11:44	
Arsenic		ND	mg/L	0.0003						
Cadmium		ND	mg/L	6E-05						
Copper		0.00010	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Mercury		ND	mg/L	4E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Sample ID: LFB	7	Laboratory Fortified Blank				Run: ICPMS2-C_090518A			05/18/09 11:51	
Arsenic		0.0483	mg/L	0.0010	97	85	115			
Cadmium		0.0481	mg/L	0.0010	96	85	115			
Copper		0.0486	mg/L	0.0010	97	85	115			
Lead		0.0487	mg/L	0.0010	97	85	115			
Mercury		0.00492	mg/L	0.0010	98	85	115			
Selenium		0.0481	mg/L	0.0014	96	85	115			
Uranium		0.0473	mg/L	0.00030	95	85	115			
Sample ID: C09050510-008BMS4	7	Sample Matrix Spike				Run: ICPMS2-C_090518A			05/18/09 13:53	
Arsenic		0.0499	mg/L	0.0010	97	70	130			
Cadmium		0.0487	mg/L	0.010	91	70	130			
Copper		0.0496	mg/L	0.010	85	70	130			
Lead		0.0486	mg/L	0.040	97	70	130			
Mercury		0.00443	mg/L	0.0010	89	70	130			
Selenium		0.0522	mg/L	0.0010	100	70	130			
Uranium		0.0520	mg/L	0.00030	99	70	130			
Sample ID: C09050510-008BMSD	7	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090518A			05/18/09 13:59	
Arsenic		0.0504	mg/L	0.0010	98	70	130	1	20	
Cadmium		0.0493	mg/L	0.010	93	70	130	1.1	20	
Copper		0.0499	mg/L	0.010	85	70	130	0.5	20	
Lead		0.0498	mg/L	0.040	99	70	130	2.4	20	
Mercury		0.00468	mg/L	0.0010	94	70	130	5.4	20	
Selenium		0.0514	mg/L	0.0010	99	70	130	1.5	20	
Uranium		0.0529	mg/L	0.00030	101	70	130	1.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R117485
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090427A				04/27/09 15:56
Chloride		9.74	mg/L	1.0	97	90	110			
Sulfate		38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090427A				04/27/09 16:11
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09040674-001AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/27/09 18:30
Chloride		25.7	mg/L	1.0	105	90	110			
Sulfate		303	mg/L	1.0	96	90	110			
Sample ID: C09040674-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/27/09 18:45
Chloride		26.2	mg/L	1.0	108	90	110	2.2	20	
Sulfate		305	mg/L	1.0	100	90	110	0.9	20	
Sample ID: C09040674-011AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/27/09 22:06
Chloride		25.9	mg/L	1.0	105	90	110			
Sulfate		231	mg/L	1.0	100	90	110			
Sample ID: C09040674-011AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/27/09 22:21
Chloride		26.1	mg/L	1.0	107	90	110	1	20	
Sulfate		232	mg/L	1.0	102	90	110	0.5	20	
Sample ID: C09040674-021AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/28/09 01:57
Chloride		25.9	mg/L	1.0	104	90	110			
Sulfate		230	mg/L	1.0	101	90	110			
Sample ID: C09040674-021AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/28/09 02:12
Chloride		25.9	mg/L	1.0	104	90	110	0.3	20	
Sulfate		230	mg/L	1.0	101	90	110	0.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1										Batch: B_R128302
Sample ID: MBLK		Method Blank				Run: SUB-B128302			04/23/09 12:22	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128302			04/23/09 12:23	
Nitrogen, Ammonia as N		1.00	mg/L	0.10	102	90	110			
Sample ID: B09042023-001BMS		Sample Matrix Spike				Run: SUB-B128302			04/23/09 12:29	
Nitrogen, Ammonia as N		0.740	mg/L	0.050	74	90	110			S
Sample ID: B09042023-001BMSD		Sample Matrix Spike Duplicate				Run: SUB-B128302			04/23/09 12:30	
Nitrogen, Ammonia as N		0.762	mg/L	0.050	76	90	110	2.9	10	S
Sample ID: C09040674-015E		Sample Matrix Spike				Run: SUB-B128302			04/23/09 13:20	
Nitrogen, Ammonia as N		0.856	mg/L	0.050	82	90	110			S
Sample ID: C09040674-015E		Sample Matrix Spike Duplicate				Run: SUB-B128302			04/23/09 13:22	
Nitrogen, Ammonia as N		0.864	mg/L	0.050	83	90	110	0.9	10	S
Method: E353.2										Batch: B_R128280
Sample ID: MBLK		Method Blank				Run: SUB-B128280			04/23/09 10:39	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128280			04/23/09 10:40	
Nitrogen, Nitrate+Nitrite as N		0.989	mg/L	0.050	101	90	110			
Sample ID: B09042027-002EMS		Sample Matrix Spike				Run: SUB-B128280			04/23/09 11:02	
Nitrogen, Nitrate+Nitrite as N		0.981	mg/L	0.050	100	90	110			
Sample ID: B09042027-002EMSD		Sample Matrix Spike Duplicate				Run: SUB-B128280			04/23/09 11:04	
Nitrogen, Nitrate+Nitrite as N		0.971	mg/L	0.050	99	90	110	1	10	
Sample ID: C09040674-007E		Sample Matrix Spike				Run: SUB-B128280			04/23/09 11:19	
Nitrogen, Nitrate+Nitrite as N		0.974	mg/L	0.050	99	90	110			
Sample ID: C09040674-007E		Sample Matrix Spike Duplicate				Run: SUB-B128280			04/23/09 11:20	
Nitrogen, Nitrate+Nitrite as N		0.984	mg/L	0.050	100	90	110	1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0642
Sample ID: MB-GrAB-0642	6	Method Blank				Run: G5000W_090504A				05/07/09 04:17
Gross Alpha		0.4	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		2	pCi/L							
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0642		Laboratory Control Sample				Run: G5000W_090504A				05/07/09 04:17
Gross Alpha		140	pCi/L		102	70	130			
Sample ID: C09040674-001DMS		Sample Matrix Spike				Run: G5000W_090504A				05/07/09 04:17
Gross Alpha		593	pCi/L		120	70	130			
Sample ID: C09040674-001DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090504A				05/07/09 04:17
Gross Alpha		560	pCi/L		96	70	130	5.7	13.7	
Sample ID: C09040674-001DMS		Sample Matrix Spike				Run: G5000W_090504A				05/07/09 04:17
Gross Beta		233	pCi/L		103	70	130			
Sample ID: C09040674-001DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090504A				05/07/09 04:17
Gross Beta		246	pCi/L		118	70	130	5.5	13.3	
Sample ID: C09040674-014DDUP	6	Sample Duplicate				Run: G5000W_090504A				05/08/09 04:12
Gross Alpha		627	pCi/L					5.5	13.5	
Gross Alpha precision (±)		10.7	pCi/L							
Gross Alpha MDC		1.37	pCi/L							
Gross Beta		233	pCi/L					0.6	13.4	
Gross Beta precision (±)		3.94	pCi/L							
Gross Beta MDC		2.49	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0643
Sample ID: MB-GrAB-0643	6	Method Blank				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Alpha		2	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0643		Laboratory Control Sample				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Alpha		130	pCi/L		90	70	130			
Sample ID: C09040674-022DMS		Sample Matrix Spike				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Alpha		130	pCi/L		94	70	130			
Sample ID: C09040674-022DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Alpha		131	pCi/L		94	70	130	0.4	15.3	
Sample ID: C09040674-022DMS		Sample Matrix Spike				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Beta		91.9	pCi/L		102	70	130			
Sample ID: C09040674-022DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090505A			05/08/09 05:45	
Gross Beta		96.2	pCi/L		106	70	130	4.6	16.1	
Sample ID: C09040744-004BDUP	6	Sample Duplicate				Run: TENNELEC-3_090505A			05/09/09 06:07	
Gross Alpha		83.8	pCi/L					0.1	21.7	
Gross Alpha precision (±)		4.90	pCi/L							
Gross Alpha MDC		2.17	pCi/L							
Gross Beta		19.6	pCi/L					8.6	37.6	
Gross Beta precision (±)		2.60	pCi/L							
Gross Beta MDC		3.79	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0657
Sample ID: MB-GrAB-0657	6	Method Blank				Run: TENNELEC-3_090522B			05/30/09 01:14	
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0657		Laboratory Control Sample				Run: TENNELEC-3_090522B			05/30/09 01:15	
Gross Alpha		140	pCi/L		99	70	130			
Sample ID: Cs137-GrAB-0657		Laboratory Control Sample				Run: TENNELEC-3_090522B			05/30/09 01:15	
Gross Beta		95	pCi/L		105	70	130			
Sample ID: C09050517-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090522B			05/30/09 01:15	
Gross Alpha		210	pCi/L		152	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050517-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090522B			05/30/09 01:15	
Gross Alpha		190	pCi/L		137	70	130	10	16	S
Sample ID: C09050517-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090522B			05/30/09 01:14	
Gross Beta		97	pCi/L		102	70	130			
Sample ID: C09050517-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090522B			05/30/09 01:14	
Gross Beta		90	pCi/L		94	70	130	7.7	16.3	
Sample ID: C09050604-001BDUP	6	Sample Duplicate				Run: TENNELEC-3_090522B			05/30/09 01:15	
Gross Alpha		4.6	pCi/L					15	67.2	
Gross Alpha precision (±)		1.3	pCi/L							
Gross Alpha MDC		0.97	pCi/L							
Gross Beta		0.26	pCi/L					140	313.3	U
Gross Beta precision (±)		1.7	pCi/L							
Gross Beta MDC		1.7	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3611
Sample ID: C09040674-001DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090423A				05/14/09 16:59
Radium 226		170	pCi/L		242	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.										
Sample ID: C09040674-001DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090423A				05/14/09 16:59
Radium 226		140	pCi/L		79	70	130	16	20	
Sample ID: MB-RA226-3611	3	Method Blank				Run: BERTHOLD 770-2_090423A				05/15/09 01:05
Radium 226		-0.06	pCi/L							U
Radium 226 precision (±)		0.07	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3611		Laboratory Control Sample				Run: BERTHOLD 770-2_090423A				05/15/09 01:05
Radium 226		6.7	pCi/L		85	70	130			
Method: E903.0										Batch: RA226-3612
Sample ID: C09040674-011DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090423A				05/14/09 17:01
Radium 226		19	pCi/L		92	70	130			
Sample ID: C09040674-011DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090423A				05/14/09 17:01
Radium 226		19	pCi/L		95	70	130	2.4	21.2	
Sample ID: MB-RA226-3612	3	Method Blank				Run: BERTHOLD 770-1_090423A				05/15/09 01:08
Radium 226		-0.09	pCi/L							U
Radium 226 precision (±)		0.06	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3612		Laboratory Control Sample				Run: BERTHOLD 770-1_090423A				05/15/09 01:08
Radium 226		8.0	pCi/L		103	70	130			
Method: E903.0										Batch: RA226-3613
Sample ID: C09040674-021DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090423B				05/15/09 02:57
Radium 226		57	pCi/L		104	70	130			
Sample ID: C09040674-021DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090423B				05/15/09 02:57
Radium 226		61	pCi/L		126	70	130	5.5	17	
Sample ID: MB-RA226-3613	3	Method Blank				Run: BERTHOLD 770-1_090423B				05/15/09 10:59
Radium 226		-0.08	pCi/L							U
Radium 226 precision (±)		0.06	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3613		Laboratory Control Sample				Run: BERTHOLD 770-1_090423B				05/15/09 10:59
Radium 226		8.1	pCi/L		104	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/09/09
Work Order: C09040674

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2625
Sample ID: LCS-228-RA226-3611		Laboratory Control Sample				Run: TENNELEC-3_090423B				05/01/09 14:33
Radium 228		7.98	pCi/L		92	70	130			
Sample ID: MB-RA226-3611	3	Method Blank				Run: TENNELEC-3_090423B				05/01/09 14:33
Radium 228		-0.10	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040674-002DMS		Sample Matrix Spike				Run: TENNELEC-3_090423B				05/01/09 14:33
Radium 228		19.7	pCi/L		100	70	130			
Sample ID: C09040674-002DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090423B				05/01/09 14:33
Radium 228		18.2	pCi/L		91	70	130	8.1	32.2	
Method: RA-05										Batch: RA228-2626
Sample ID: LCS-228-RA226-3612		Laboratory Control Sample				Run: TENNELEC-3_090423C				05/05/09 10:23
Radium 228		9.83	pCi/L		106	70	130			
Sample ID: MB-RA226-3612	3	Method Blank				Run: TENNELEC-3_090423C				05/05/09 10:23
Radium 228		0.6	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040674-012DMS		Sample Matrix Spike				Run: TENNELEC-3_090423C				05/05/09 10:23
Radium 228		23.5	pCi/L		102	70	130			
Sample ID: C09040674-012DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090423C				05/05/09 10:23
Radium 228		21.2	pCi/L		88	70	130	10	32.4	
Method: RA-05										Batch: RA228-2627
Sample ID: LCS-228-RA226-3613		Laboratory Control Sample				Run: TENNELEC-3_090423D				05/05/09 12:27
Radium 228		8.29	pCi/L		97	70	130			
Sample ID: MB-RA226-3613	3	Method Blank				Run: TENNELEC-3_090423D				05/05/09 12:27
Radium 228		-0.2	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040674-022DMS		Sample Matrix Spike				Run: TENNELEC-3_090423D				05/05/09 12:27
Radium 228		18.2	pCi/L		108	70	130			
Sample ID: C09040674-022DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090423D				05/05/09 12:27
Radium 228		16.9	pCi/L		99	70	130	7.3	36.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Ur-Energy	Lost Creek.	State:	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash.	Phone/Fax: 307-265-2373	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address: Same	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s):

Receipt Temp 8 °C

On Ice: Yes (No)

Custody Seal Y (N)

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	ANALYSIS REQUESTED: Guideline 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M-101 - #1	4-20-09		W-2gals.	✓				C904060674
2	M-102 #2								
3	M-103 #3								
4	M-104 #4								
5	M-105 #5								
6	M-106 #6								
7	M-107 #7								
8	M-108 #8								
9	M-109 #9								
10	M-110 #10								

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay Doutre	4-20-09 5:30 P.M		John Cash	4-20-09 5:30 PM	
Relinquished by (print):	Date/Time:	Signature:	Received by (print): Andrew	4/21/09 820	Signature:
			Received by Laboratory:	Date/Time: 4-21-09 8:20	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Ur-Energy	Project Name, PWS, Permit, Etc.: Lost Creek.	Sample Origin State:	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609.	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s):

Receipt Temp 8 °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

#	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	ANALYSIS REQUESTED: Guidelines	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M-111 #11	4-20-09		W-2gals.	✓				C09040674
2	M-112 #12								
3	M-113 #13								
4	M-114 #14								
5	M-115 #15								
6	M-116 #16								
7	M-117 #17								
8	M-118 #18								
9	M-120 #19								
10	M-121 #20								

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time: 4-20-09 5:30 P.M	Signature:	Received by (print): John Cash Date/Time: 4-20-09 5:30 P.M. Signature:
Relinquished by (print):	Date/Time:	Signature:	Received by (print): Andrew Larsen Date/Time: 4/21/09 820 Signature:
Sample Disposal: Return to Client: _____	Lab Disposal: _____		Received by Laboratory: Date/Time: 4-21-09 8:20 Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Ur-energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State:	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address: Same	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED: Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s):

Receipt Temp 8 °C

On Ice: Yes (No)

Custody Seal Y (N)

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M129- #21	4-20-09		W-2gals.													C09040644
2	M130- #22																
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay Douthi	4-20-09- 5:30-	[signature]	John Cash	4-20-09 5:30	[signature]
			Andrew Carsen	4/21/09 820	[signature]
Sample Disposal: Return to Client: _____		Lab Disposal: _____	Received by Laboratory:	4-21-09 8:20	[signature]

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09040674

UR Energy USA Inc

Login completed by: Kimberly Humiston

Date and Time Received: 4/21/2009 8:20 AM

Reviewed by:

Received by: klh

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	8°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09040674

Date: 09-Jun-09

CASE NARRATIVE

PREP COMMENTS
The prep holding time for the Filtration of Dissolved Metals was exceeded by up to 23.5 days.

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

June 12, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09040693 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 20 samples for UR Energy USA Inc on 4/21/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09040693-001	M-128	04/21/09 00:00	04/21/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09040693-002	M-127	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-003	M-126	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-004	M-125	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-005	M-124	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-006	M-123	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-007	M-122	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-008	M-119	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-009	MU-110	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-010	MP-110	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-011	M-131	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-012	MU-112	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-013	MP-112	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-014	MO-112	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-015	MU-111	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-016	MP-111	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-017	MO-113	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-018	MU-113	04/21/09 00:00	04/21/09	Aqueous	Same As Above
C09040693-019	M-132	04/21/09 00:00	04/21/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09040693-020 MO-110	04/21/09 00:00 04/21/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie Waldrop

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-001
Client Sample ID: M-128

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	04/27/09 12:17 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	04/27/09 12:17 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	04/27/09 12:17 / ljl
Calcium	74	mg/L		1		E200.7	04/27/09 15:17 / rdw
Chloride	6	mg/L		1		E300.0	04/28/09 03:45 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:14 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 15:17 / rdw
Nitrogen, Ammonia as N	0.07	mg/L		0.05		E350.1	04/24/09 10:31 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:13 / eli-b
Potassium	8	mg/L		1		E200.7	04/27/09 15:17 / rdw
Silica	15.5	mg/L		0.2		E200.7	04/28/09 15:33 / cp
Sodium	33	mg/L		1		E200.7	04/27/09 15:17 / rdw
Sulfate	155	mg/L		1		E300.0	04/28/09 03:45 / ljl
PHYSICAL PROPERTIES							
Conductivity	546	umhos/cm		1		A2510 B	04/22/09 11:58 / dd
pH	8.51	s.u.		0.01		A4500-H B	04/22/09 11:58 / dd
Solids, Total Dissolved TDS @ 180 C	349	mg/L		10		A2540 C	04/22/09 13:53 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 03:56 / ts
Arsenic	0.007	mg/L		0.001		E200.8	04/25/09 03:56 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 03:56 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 15:33 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 03:56 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 03:56 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 15:33 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:17 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 03:56 / ts
Manganese	0.03	mg/L		0.01		E200.8	04/25/09 03:56 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 03:56 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 03:56 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 03:56 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 03:56 / ts
Uranium	0.0773	mg/L		0.0003		E200.8	04/25/09 03:56 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 03:56 / ts
Zinc	0.09	mg/L		0.01		E200.7	04/27/09 15:17 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:35 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/07/09 16:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-001
Client Sample ID: M-128

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	81.9	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Alpha precision (±)	4.2	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta	34.1	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 01:15 / cgr
Radium 226	1.1	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.22	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.6	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.0164	%				Calculation	04/30/09 11:08 / kbh
Anions	5.57	meq/L				Calculation	04/30/09 11:08 / kbh
Cations	5.57	meq/L				Calculation	04/30/09 11:08 / kbh
Solids, Total Dissolved Calculated	363	mg/L				Calculation	04/30/09 11:08 / kbh
TDS Balance (0.80 - 1.20)	0.960					Calculation	04/30/09 11:08 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-002
Client Sample ID: M-127

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	04/27/09 12:25 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 12:25 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	04/27/09 12:25 / ljl
Calcium	58	mg/L		1		E200.7	04/27/09 15:26 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 04:00 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:17 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 15:26 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:35 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:14 / eli-b
Potassium	15	mg/L		1		E200.7	04/27/09 15:26 / rdw
Silica	15.4	mg/L		0.2		E200.7	04/28/09 15:45 / cp
Sodium	32	mg/L		1		E200.7	04/27/09 15:26 / rdw
Sulfate	139	mg/L		1		E300.0	04/28/09 04:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	520	umhos/cm		1		A2510 B	04/22/09 12:00 / dd
pH	8.39	s.u.		0.01		A4500-H B	04/22/09 12:00 / dd
Solids, Total Dissolved TDS @ 180 C	332	mg/L		10		A2540 C	04/22/09 13:53 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 04:03 / ts
Arsenic	0.003	mg/L		0.001		E200.8	04/25/09 04:03 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 04:03 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 15:45 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 04:03 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 04:03 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 15:45 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:26 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 04:03 / ts
Manganese	0.01	mg/L		0.01		E200.8	04/25/09 04:03 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 04:03 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 04:03 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 04:03 / ts
Selenium	0.005	mg/L		0.001		E200.8	04/25/09 04:03 / ts
Uranium	0.124	mg/L		0.0003		E200.8	04/25/09 04:03 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 04:03 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 15:26 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:40 / rdw
Manganese	0.01	mg/L		0.01		E200.7	05/07/09 16:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-002
Client Sample ID: M-127

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	116	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	4.5	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	58.8	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	0.75	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.19	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.5	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.92	%				Calculation	04/30/09 11:08 / kbh
Anions	5.24	meq/L				Calculation	04/30/09 11:08 / kbh
Cations	4.94	meq/L				Calculation	04/30/09 11:08 / kbh
Solids, Total Dissolved Calculated	338	mg/L				Calculation	04/30/09 11:08 / kbh
TDS Balance (0.80 - 1.20)	0.980					Calculation	04/30/09 11:08 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-003
Client Sample ID: M-126

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	84	mg/L		1		A2320 B	04/27/09 12:32 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	04/27/09 12:32 / ljl
Bicarbonate as HCO3	94	mg/L		1		A2320 B	04/27/09 12:32 / ljl
Calcium	56	mg/L		1		E200.7	04/27/09 15:30 / rdw
Chloride	7	mg/L		1		E300.0	04/28/09 04:15 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:20 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 15:30 / rdw
Nitrogen, Ammonia as N	0.32	mg/L		0.05		E350.1	04/24/09 10:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:21 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 15:30 / rdw
Silica	14.0	mg/L		0.2		E200.7	04/28/09 16:42 / cp
Sodium	34	mg/L		1		E200.7	04/27/09 15:30 / rdw
Sulfate	148	mg/L		1		E300.0	04/28/09 04:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	494	umhos/cm		1		A2510 B	04/22/09 12:13 / dd
pH	8.61	s.u.		0.01		A4500-H B	04/22/09 12:13 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	04/22/09 13:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 05:45 / ts
Arsenic	0.006	mg/L		0.001		E200.8	04/25/09 05:45 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 05:45 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 16:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 05:45 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 05:45 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 16:42 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:30 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 05:45 / ts
Manganese	0.06	mg/L		0.01		E200.8	04/25/09 05:45 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 05:45 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 05:45 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 05:45 / ts
Selenium	0.005	mg/L		0.001		E200.8	04/25/09 05:45 / ts
Uranium	0.307	mg/L		0.0003		E200.8	04/25/09 05:45 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 05:45 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 15:30 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 03:07 / rdw
Manganese	0.07	mg/L	D	0.02		E200.7	05/05/09 03:07 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-003
Client Sample ID: M-126

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	358	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	7.5	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	136	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	1.9	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.27	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.2	pCi/L	U			RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.98	%				Calculation	04/30/09 11:09 / kbh
Anions	4.94	meq/L				Calculation	04/30/09 11:09 / kbh
Cations	4.66	meq/L				Calculation	04/30/09 11:09 / kbh
Solids, Total Dissolved Calculated	320	mg/L				Calculation	04/30/09 11:09 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 11:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-004
Client Sample ID: M-125

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	04/27/09 12:40 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 12:40 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	04/27/09 12:40 / ljl
Calcium	73	mg/L		1		E200.7	04/27/09 15:34 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 04:31 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:23 / ljl
Magnesium	4	mg/L		1		E200.7	04/27/09 15:34 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:37 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.06	mg/L		0.05		E353.2	04/24/09 12:23 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 15:34 / rdw
Silica	15.8	mg/L		0.2		E200.7	04/28/09 16:46 / cp
Sodium	33	mg/L		1		E200.7	04/27/09 15:34 / rdw
Sulfate	151	mg/L		1		E300.0	04/28/09 04:31 / ljl
PHYSICAL PROPERTIES							
Conductivity	541	umhos/cm		1		A2510 B	04/22/09 12:15 / dd
pH	7.99	s.u.		0.01		A4500-H B	04/22/09 12:15 / dd
Solids, Total Dissolved TDS @ 180 C	362	mg/L		10		A2540 C	04/22/09 13:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 05:52 / ts
Arsenic	0.001	mg/L		0.001		E200.8	04/25/09 05:52 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 05:52 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 16:46 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 05:52 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 05:52 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 16:46 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:34 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 05:52 / ts
Manganese	0.01	mg/L		0.01		E200.8	04/25/09 05:52 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 05:52 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 05:52 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 05:52 / ts
Selenium	0.011	mg/L		0.001		E200.8	04/25/09 05:52 / ts
Uranium	0.274	mg/L		0.0003		E200.8	04/25/09 05:52 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 05:52 / ts
Zinc	0.06	mg/L		0.01		E200.7	04/27/09 15:34 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:44 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-004
Client Sample ID: M-125

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	255	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	6.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	113	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	2.5	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.32	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.1	pCi/L	U			RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.234	%				Calculation	04/30/09 11:10 / kbh
Anions	5.52	meq/L				Calculation	04/30/09 11:10 / kbh
Cations	5.49	meq/L				Calculation	04/30/09 11:10 / kbh
Solids, Total Dissolved Calculated	357	mg/L				Calculation	04/30/09 11:10 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 11:10 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-005
Client Sample ID: M-124

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	04/27/09 13:02 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	04/27/09 13:02 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	04/27/09 13:02 / ljl
Calcium	58	mg/L		1		E200.7	04/27/09 15:39 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 04:46 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:32 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 15:39 / rdw
Nitrogen, Ammonia as N	0.05	mg/L		0.05		E350.1	04/24/09 10:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:18 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 15:39 / rdw
Silica	15.5	mg/L		0.2		E200.7	04/28/09 16:50 / cp
Sodium	31	mg/L		1		E200.7	04/27/09 15:39 / rdw
Sulfate	108	mg/L		1		E300.0	04/28/09 04:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	454	umhos/cm		1		A2510 B	04/22/09 12:17 / dd
pH	8.49	s.u.		0.01		A4500-H B	04/22/09 12:17 / dd
Solids, Total Dissolved TDS @ 180 C	300	mg/L		10		A2540 C	04/22/09 13:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 05:59 / ts
Arsenic	0.003	mg/L		0.001		E200.8	04/25/09 05:59 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 05:59 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 16:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 05:59 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 05:59 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 16:50 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:39 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 05:59 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 05:59 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 05:59 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 05:59 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 05:59 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 05:59 / ts
Uranium	0.0502	mg/L		0.0003		E200.8	04/25/09 05:59 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 05:59 / ts
Zinc	0.08	mg/L		0.01		E200.7	04/27/09 15:39 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/05/09 03:12 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/05/09 03:12 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-005
Client Sample ID: M-124

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	62.6	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	3.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	27.4	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	1.5	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.24	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	0.7	pCi/L	U			RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.55	%				Calculation	04/30/09 11:11 / kbh
Anions	4.64	meq/L				Calculation	04/30/09 11:11 / kbh
Cations	4.50	meq/L				Calculation	04/30/09 11:11 / kbh
Solids, Total Dissolved Calculated	296	mg/L				Calculation	04/30/09 11:11 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 11:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-006
Client Sample ID: M-123

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	04/27/09 13:10 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	04/27/09 13:10 / ljl
Bicarbonate as HCO3	124	mg/L		1		A2320 B	04/27/09 13:10 / ljl
Calcium	54	mg/L		1		E200.7	04/27/09 15:52 / rdw
Chloride	6	mg/L		1		E300.0	04/28/09 05:02 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:35 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 15:52 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	04/24/09 10:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:24 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 15:52 / rdw
Silica	16.4	mg/L		0.2		E200.7	04/28/09 16:54 / cp
Sodium	33	mg/L		1		E200.7	04/27/09 15:52 / rdw
Sulfate	117	mg/L		1		E300.0	04/28/09 05:02 / ljl
PHYSICAL PROPERTIES							
Conductivity	472	umhos/cm		1		A2510 B	04/22/09 12:19 / dd
pH	8.52	s.u.		0.01		A4500-H B	04/22/09 12:19 / dd
Solids, Total Dissolved TDS @ 180 C	313	mg/L		10		A2540 C	04/22/09 13:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 06:05 / ts
Arsenic	0.005	mg/L		0.001		E200.8	04/25/09 06:05 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 06:05 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 16:54 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 06:05 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 06:05 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 16:54 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 15:52 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 06:05 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 06:05 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 06:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 06:05 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 06:05 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 06:05 / ts
Uranium	0.0124	mg/L		0.0003		E200.8	04/25/09 06:05 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 06:05 / ts
Zinc	0.06	mg/L		0.01		E200.7	04/27/09 15:52 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:06 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/06/09 21:06 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-006
Client Sample ID: M-123

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	29.2	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	14.4	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	2.3	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.4	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.08	%				Calculation	04/30/09 11:12 / kbh
Anions	4.80	meq/L				Calculation	04/30/09 11:12 / kbh
Cations	4.42	meq/L				Calculation	04/30/09 11:12 / kbh
Solids, Total Dissolved Calculated	304	mg/L				Calculation	04/30/09 11:12 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 11:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-007
Client Sample ID: M-122

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	04/27/09 13:17 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 13:17 / ljl
Bicarbonate as HCO3	140	mg/L		1		A2320 B	04/27/09 13:17 / ljl
Calcium	63	mg/L		1		E200.7	04/27/09 16:09 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 05:17 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:37 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 16:09 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:25 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 16:09 / rdw
Silica	16.8	mg/L		0.2		E200.7	04/28/09 16:58 / cp
Sodium	37	mg/L		1		E200.7	04/27/09 16:09 / rdw
Sulfate	125	mg/L		1		E300.0	04/28/09 05:17 / ljl
PHYSICAL PROPERTIES							
Conductivity	498	umhos/cm		1		A2510 B	04/22/09 12:21 / dd
pH	8.02	s.u.		0.01		A4500-H B	04/22/09 12:21 / dd
Solids, Total Dissolved TDS @ 180 C	336	mg/L		10		A2540 C	04/22/09 13:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 06:12 / ts
Arsenic	0.002	mg/L		0.001		E200.8	04/25/09 06:12 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 06:12 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 16:58 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 06:12 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 06:12 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 16:58 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:09 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 06:12 / ts
Manganese	0.02	mg/L		0.01		E200.8	04/25/09 06:12 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 06:12 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 06:12 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 06:12 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 06:12 / ts
Uranium	0.0450	mg/L		0.0003		E200.8	04/25/09 06:12 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 06:12 / ts
Zinc	0.06	mg/L		0.01		E200.7	04/27/09 16:09 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:11 / rdw
Manganese	0.02	mg/L		0.01		E200.7	05/07/09 17:51 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-007
Client Sample ID: M-122

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	68.1	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta	32.5	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:16 / cgr
Radium 226	7.8	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 precision (±)	0.52	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 226 MDC	0.15	pCi/L				E903.0	05/12/09 16:43 / trs
Radium 228	1.2	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	0.711	%				Calculation	04/30/09 11:12 / kbh
Anions	5.04	meq/L				Calculation	04/30/09 11:12 / kbh
Cations	5.11	meq/L				Calculation	04/30/09 11:12 / kbh
Solids, Total Dissolved Calculated	327	mg/L				Calculation	04/30/09 11:12 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 11:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-008
Client Sample ID: M-119

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	04/27/09 13:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/27/09 13:24 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	04/27/09 13:24 / ljl
Calcium	60	mg/L		1		E200.7	04/27/09 16:14 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 06:03 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:40 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 16:14 / rdw
Nitrogen, Ammonia as N	0.13	mg/L		0.05		E350.1	04/24/09 10:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:26 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 16:14 / rdw
Silica	15.8	mg/L		0.2		E200.7	04/28/09 17:02 / cp
Sodium	37	mg/L		1		E200.7	04/27/09 16:14 / rdw
Sulfate	126	mg/L		1		E300.0	04/28/09 06:03 / ljl
PHYSICAL PROPERTIES							
Conductivity	498	umhos/cm		1		A2510 B	04/22/09 12:23 / dd
pH	8.05	s.u.		0.01		A4500-H B	04/22/09 12:23 / dd
Solids, Total Dissolved TDS @ 180 C	329	mg/L		10		A2540 C	04/22/09 13:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 06:19 / ts
Arsenic	0.004	mg/L		0.001		E200.8	04/25/09 06:19 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 06:19 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:02 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 06:19 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 06:19 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:02 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:14 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 06:19 / ts
Manganese	0.03	mg/L		0.01		E200.8	04/25/09 06:19 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 06:19 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 06:19 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 06:19 / ts
Selenium	0.001	mg/L		0.001		E200.8	04/25/09 06:19 / ts
Uranium	0.0752	mg/L		0.0003		E200.8	04/25/09 06:19 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 06:19 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 16:14 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:48 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/07/09 17:10 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-008
Client Sample ID: M-119

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	95.1	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha precision (±)	4.0	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta	34.5	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:16 / cgr
Radium 226	1.3	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 precision (±)	0.24	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 228	1.2	pCi/L	U			RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.19	%				Calculation	04/30/09 11:13 / kbh
Anions	5.06	meq/L				Calculation	04/30/09 11:13 / kbh
Cations	4.94	meq/L				Calculation	04/30/09 11:13 / kbh
Solids, Total Dissolved Calculated	323	mg/L				Calculation	04/30/09 11:13 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 11:13 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-009
Client Sample ID: MU-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	33	mg/L	B	1		A2320 B	04/27/09 13:30 / ljl
Carbonate as CO3	19	mg/L		1		A2320 B	04/27/09 13:30 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	04/27/09 13:30 / ljl
Calcium	21	mg/L		1		E200.7	04/27/09 16:19 / rdw
Chloride	10	mg/L		1		E300.0	04/28/09 06:19 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	04/24/09 12:43 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 16:19 / rdw
Nitrogen, Ammonia as N	0.32	mg/L		0.05		E350.1	04/24/09 10:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:27 / eli-b
Potassium	16	mg/L		1		E200.7	04/27/09 16:19 / rdw
Silica	15.0	mg/L		0.2		E200.7	04/28/09 17:06 / cp
Sodium	39	mg/L		1		E200.7	04/27/09 16:19 / rdw
Sulfate	105	mg/L		1		E300.0	04/28/09 06:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	382	umhos/cm		1		A2510 B	04/22/09 12:24 / dd
pH	10.2	s.u.		0.01		A4500-H B	04/22/09 12:24 / dd
Solids, Total Dissolved TDS @ 180 C	238	mg/L		10		A2540 C	04/22/09 13:56 / rp
METALS - DISSOLVED							
Aluminum	0.2	mg/L		0.1		E200.8	04/25/09 06:26 / ts
Arsenic	0.022	mg/L		0.001		E200.8	04/25/09 06:26 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 06:26 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:06 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 06:26 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 06:26 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:06 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:19 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 06:26 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 06:26 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 06:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 06:26 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 06:26 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 06:26 / ts
Uranium	0.0633	mg/L		0.0003		E200.8	04/25/09 06:26 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 06:26 / ts
Zinc	0.06	mg/L		0.01		E200.7	04/27/09 16:19 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:53 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:14 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-009
Client Sample ID: MU-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	81.2	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha precision (±)	3.7	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta	51.4	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/05/09 03:16 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:16 / cgr
Radium 226	1.8	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 precision (±)	0.23	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 MDC	0.12	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 228	1.7	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	0.8	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	0.750	%				Calculation	04/30/09 11:13 / kbh
Anions	3.16	meq/L				Calculation	04/30/09 11:13 / kbh
Cations	3.21	meq/L				Calculation	04/30/09 11:13 / kbh
Solids, Total Dissolved Calculated	231	mg/L				Calculation	04/30/09 11:13 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	04/30/09 11:13 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-010
Client Sample ID: MP-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	04/25/09 00:02 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	04/25/09 00:02 / ljl
Bicarbonate as HCO3	123	mg/L		1		A2320 B	04/25/09 00:02 / ljl
Calcium	51	mg/L		1		E200.7	04/27/09 16:23 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 06:34 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 12:45 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 16:23 / rdw
Nitrogen, Ammonia as N	0.05	mg/L		0.05		E350.1	04/24/09 10:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:29 / eli-b
Potassium	16	mg/L		1		E200.7	04/27/09 16:23 / rdw
Silica	15.0	mg/L		0.2		E200.7	04/28/09 17:10 / cp
Sodium	38	mg/L		1		E200.7	04/27/09 16:23 / rdw
Sulfate	128	mg/L		1		E300.0	04/28/09 06:34 / ljl
PHYSICAL PROPERTIES							
Conductivity	498	umhos/cm		1		A2510 B	04/22/09 12:26 / dd
pH	8.41	s.u.		0.01		A4500-H B	04/22/09 12:26 / dd
Solids, Total Dissolved TDS @ 180 C	328	mg/L		10		A2540 C	04/22/09 13:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 07:13 / ts
Arsenic	0.009	mg/L		0.001		E200.8	04/25/09 07:13 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:13 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:10 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:13 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:13 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:10 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:23 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:13 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:13 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:13 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:13 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:13 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 07:13 / ts
Uranium	0.241	mg/L		0.0003		E200.8	04/25/09 07:13 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:13 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 16:23 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:16 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-010
Client Sample ID: MP-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	2040	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Alpha precision (±)	19.5	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta	816	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta precision (±)	7.6	pCi/L				E900.0	05/13/09 01:15 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 01:15 / cgr
Radium 226	732	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 precision (±)	5.4	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/12/09 22:01 / trs
Radium 228	5.6	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/05/09 17:11 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/05/09 17:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.705	%				Calculation	04/30/09 11:14 / kbh
Anions	4.89	meq/L				Calculation	04/30/09 11:14 / kbh
Cations	4.82	meq/L				Calculation	04/30/09 11:14 / kbh
Solids, Total Dissolved Calculated	322	mg/L				Calculation	04/30/09 11:14 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 11:14 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-011
Client Sample ID: M-131

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	04/25/09 00:10 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	04/25/09 00:10 / ljl
Bicarbonate as HCO3	120	mg/L		1		A2320 B	04/25/09 00:10 / ljl
Calcium	52	mg/L		1		E200.7	04/27/09 16:27 / rdw
Chloride	5	mg/L		1		E300.0	04/28/09 07:36 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:01 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 16:27 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	04/24/09 10:50 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:30 / eli-b
Potassium	16	mg/L		1		E200.7	04/27/09 16:27 / rdw
Silica	15.2	mg/L		0.2		E200.7	04/28/09 17:26 / cp
Sodium	39	mg/L		1		E200.7	04/27/09 16:27 / rdw
Sulfate	128	mg/L		1		E300.0	04/28/09 07:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	496	umhos/cm		1		A2510 B	04/22/09 12:29 / dd
pH	8.37	s.u.		0.01		A4500-H B	04/22/09 12:29 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	04/22/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 07:20 / ts
Arsenic	0.009	mg/L		0.001		E200.8	04/25/09 07:20 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:20 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:26 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:20 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:20 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:26 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:27 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:20 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:20 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:20 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:20 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:20 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 07:20 / ts
Uranium	0.239	mg/L		0.0003		E200.8	04/25/09 07:20 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:20 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 16:27 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:21 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:59 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-011
Client Sample ID: M-131

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	2030	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	19.4	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	820	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	7.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	846	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	6.5	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.25	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	4.8	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.108	%				Calculation	04/30/09 11:14 / kbh
Anions	4.91	meq/L				Calculation	04/30/09 11:14 / kbh
Cations	4.90	meq/L				Calculation	04/30/09 11:14 / kbh
Solids, Total Dissolved Calculated	325	mg/L				Calculation	04/30/09 11:14 / kbh
TDS Balance (0.80 - 1.20)	1.00					Calculation	04/30/09 11:14 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-012
Client Sample ID: MU-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	43	mg/L		1		A2320 B	04/25/09 00:17 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	04/25/09 00:17 / ljl
Bicarbonate as HCO3	43	mg/L		1		A2320 B	04/25/09 00:17 / ljl
Calcium	30	mg/L		1		E200.7	04/27/09 16:32 / rdw
Chloride	12	mg/L		1		E300.0	04/28/09 07:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:04 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 16:32 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	04/24/09 10:51 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 12:31 / eli-b
Potassium	14	mg/L		1		E200.7	04/27/09 16:32 / rdw
Silica	14.5	mg/L		0.2		E200.7	04/28/09 17:38 / cp
Sodium	40	mg/L		1		E200.7	04/27/09 16:32 / rdw
Sulfate	115	mg/L		1		E300.0	04/28/09 07:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	411	umhos/cm		1		A2510 B	04/22/09 12:31 / dd
pH	9.38	s.u.		0.01		A4500-H B	04/22/09 12:31 / dd
Solids, Total Dissolved TDS @ 180 C	259	mg/L		10		A2540 C	04/22/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	0.1	mg/L		0.1		E200.8	04/25/09 07:27 / ts
Arsenic	0.011	mg/L		0.001		E200.8	04/25/09 07:27 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:27 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:27 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:27 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:38 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:32 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:27 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:27 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:27 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:27 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:27 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 07:27 / ts
Uranium	0.0068	mg/L		0.0003		E200.8	04/25/09 07:27 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:27 / ts
Zinc	0.04	mg/L		0.01		E200.7	04/27/09 16:32 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:43 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:03 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-012
Client Sample ID: MU-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	23.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	23.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	3.5	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	0.43	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.24	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	2.9	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	0.718	%				Calculation	04/30/09 11:15 / kbh
Anions	3.59	meq/L				Calculation	04/30/09 11:15 / kbh
Cations	3.65	meq/L				Calculation	04/30/09 11:15 / kbh
Solids, Total Dissolved Calculated	255	mg/L				Calculation	04/30/09 11:15 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 11:15 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-013
Client Sample ID: MP-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	47	mg/L		1		A2320 B	04/25/09 00:24 / ljl
Carbonate as CO3	24	mg/L		1		A2320 B	04/25/09 00:24 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	04/25/09 00:24 / ljl
Calcium	36	mg/L		1		E200.7	04/27/09 16:36 / rdw
Chloride	8	mg/L		1		E300.0	04/28/09 08:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:08 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 16:36 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 14:00 / eli-b
Potassium	13	mg/L		1		E200.7	04/27/09 16:36 / rdw
Silica	12.6	mg/L		0.2		E200.7	04/28/09 17:46 / cp
Sodium	38	mg/L		1		E200.7	04/27/09 16:36 / rdw
Sulfate	126	mg/L		1		E300.0	04/28/09 08:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	469	umhos/cm		1		A2510 B	04/22/09 12:34 / dd
pH	10.7	s.u.		0.01		A4500-H B	04/22/09 12:34 / dd
Solids, Total Dissolved TDS @ 180 C	279	mg/L		10		A2540 C	04/22/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	0.3	mg/L		0.1		E200.8	04/25/09 07:33 / ts
Arsenic	0.022	mg/L		0.001		E200.8	04/25/09 07:33 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:33 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:46 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:33 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:33 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:46 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:36 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:33 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:33 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:33 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:33 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:33 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 07:33 / ts
Uranium	0.263	mg/L		0.0003		E200.8	04/25/09 07:33 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:33 / ts
Zinc	0.04	mg/L		0.01		E200.7	04/27/09 16:36 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:48 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:07 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-013
Client Sample ID: MP-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	554	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	9.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	275	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	4.5	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	155	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	2.8	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.25	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	1.9	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	0.0959	%				Calculation	04/30/09 11:16 / kbh
Anions	3.80	meq/L				Calculation	04/30/09 11:16 / kbh
Cations	3.81	meq/L				Calculation	04/30/09 11:16 / kbh
Solids, Total Dissolved Calculated	266	mg/L				Calculation	04/30/09 11:16 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	04/30/09 11:16 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-014
Client Sample ID: MO-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	36	mg/L		1		A2320 B	04/25/09 00:31 / ljl
Carbonate as CO3	9	mg/L		1		A2320 B	04/25/09 00:31 / ljl
Bicarbonate as HCO3	26	mg/L	B	1		A2320 B	04/25/09 00:31 / ljl
Calcium	26	mg/L		1		E200.7	04/27/09 16:41 / rdw
Chloride	10	mg/L		1		E300.0	04/28/09 08:22 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	04/24/09 13:11 / ljl
Magnesium	1	mg/L		1		E200.7	04/27/09 16:41 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:54 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.30	mg/L		0.05		E353.2	04/24/09 14:01 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 16:41 / rdw
Silica	15.6	mg/L		0.2		E200.7	04/28/09 17:50 / cp
Sodium	29	mg/L		1		E200.7	04/27/09 16:41 / rdw
Sulfate	82	mg/L		1		E300.0	04/28/09 08:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	307	umhos/cm		1		A2510 B	04/22/09 13:19 / dd
pH	9.69	s.u.		0.01		A4500-H B	04/22/09 13:19 / dd
Solids, Total Dissolved TDS @ 180 C	214	mg/L		10		A2540 C	04/22/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 07:40 / ts
Arsenic	0.002	mg/L		0.001		E200.8	04/25/09 07:40 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:40 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 17:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:40 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:40 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 17:50 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:41 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:40 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:40 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:40 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:40 / ts
Selenium	0.030	mg/L		0.001		E200.8	04/25/09 07:40 / ts
Uranium	0.132	mg/L		0.0003		E200.8	04/25/09 07:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:40 / ts
Zinc	0.04	mg/L		0.01		E200.7	04/27/09 16:41 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 21:53 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:11 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-014
Client Sample ID: MO-112

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	137	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	4.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	53.1	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	1.4	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.26	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	0.8	pCi/L	U			RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	0.678	%				Calculation	04/30/09 11:17 / kbh
Anions	2.74	meq/L				Calculation	04/30/09 11:17 / kbh
Cations	2.77	meq/L				Calculation	04/30/09 11:17 / kbh
Solids, Total Dissolved Calculated	195	mg/L				Calculation	04/30/09 11:17 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	04/30/09 11:17 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-015
Client Sample ID: MU-111

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	36	mg/L		1		A2320 B	04/25/09 00:38 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	04/25/09 00:38 / ljl
Bicarbonate as HCO3	35	mg/L		1		A2320 B	04/25/09 00:38 / ljl
Calcium	21	mg/L		1		E200.7	04/27/09 16:45 / rdw
Chloride	10	mg/L		1		E300.0	04/28/09 08:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:19 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 16:45 / rdw
Nitrogen, Ammonia as N	0.11	mg/L		0.05		E350.1	04/24/09 10:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 14:02 / eli-b
Potassium	26	mg/L		1		E200.7	04/27/09 16:45 / rdw
Silica	12.3	mg/L		0.2		E200.7	04/28/09 18:43 / cp
Sodium	43	mg/L		1		E200.7	04/27/09 16:45 / rdw
Sulfate	132	mg/L		1		E300.0	04/28/09 08:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	432	umhos/cm		1		A2510 B	04/22/09 13:20 / dd
pH	9.42	s.u.		0.01		A4500-H B	04/22/09 13:20 / dd
Solids, Total Dissolved TDS @ 180 C	273	mg/L		10		A2540 C	04/22/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	0.3	mg/L		0.1		E200.8	04/25/09 07:47 / ts
Arsenic	0.008	mg/L		0.001		E200.8	04/25/09 07:47 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:47 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 18:43 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:47 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:47 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 18:43 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 16:45 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:47 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:47 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:47 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:47 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 07:47 / ts
Uranium	0.0668	mg/L		0.0003		E200.8	04/25/09 07:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:47 / ts
Zinc	0.03	mg/L		0.01		E200.7	04/27/09 16:45 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 22:03 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:27 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-015
Client Sample ID: MU-111

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	397	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	8.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	198	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	4.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	133	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	2.5	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.24	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	3.1	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.22	%				Calculation	04/30/09 11:17 / kbh
Anions	3.77	meq/L				Calculation	04/30/09 11:17 / kbh
Cations	3.68	meq/L				Calculation	04/30/09 11:17 / kbh
Solids, Total Dissolved Calculated	271	mg/L				Calculation	04/30/09 11:17 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	04/30/09 11:17 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-016
Client Sample ID: MP-111

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	94	mg/L		1		A2320 B	04/25/09 01:02 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/25/09 01:02 / ljl
Bicarbonate as HCO3	114	mg/L		1		A2320 B	04/25/09 01:02 / ljl
Calcium	46	mg/L		1		E200.7	04/27/09 17:11 / rdw
Chloride	7	mg/L		1		E300.0	04/28/09 08:53 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:21 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 17:11 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 10:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	04/24/09 14:03 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 17:11 / rdw
Silica	15.0	mg/L		0.2		E200.7	04/28/09 18:47 / cp
Sodium	32	mg/L		1		E200.7	04/27/09 17:11 / rdw
Sulfate	95	mg/L		1		E300.0	04/28/09 08:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	400	umhos/cm		1		A2510 B	04/22/09 13:23 / dd
pH	8.08	s.u.		0.01		A4500-H B	04/22/09 13:23 / dd
Solids, Total Dissolved TDS @ 180 C	259	mg/L		10		A2540 C	04/22/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 07:54 / ts
Arsenic	0.001	mg/L		0.001		E200.8	04/25/09 07:54 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 07:54 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 18:47 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 07:54 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 07:54 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 18:47 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:11 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 07:54 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 07:54 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 07:54 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 07:54 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 07:54 / ts
Selenium	0.023	mg/L		0.001		E200.8	04/25/09 07:54 / ts
Uranium	0.320	mg/L		0.0003		E200.8	04/25/09 07:54 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 07:54 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 17:11 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 22:09 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:31 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-016
Client Sample ID: MP-111

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	300	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	7.2	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	111	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	6.3	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	0.56	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.23	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	1.5	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.01	%				Calculation	04/30/09 11:18 / kbh
Anions	4.08	meq/L				Calculation	04/30/09 11:18 / kbh
Cations	3.92	meq/L				Calculation	04/30/09 11:18 / kbh
Solids, Total Dissolved Calculated	261	mg/L				Calculation	04/30/09 11:18 / kbh
TDS Balance (0.80 - 1.20)	0.990					Calculation	04/30/09 11:18 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-017
Client Sample ID: MO-113

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	102	mg/L		1		A2320 B	04/25/09 01:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/25/09 01:09 / ljl
Bicarbonate as HCO3	125	mg/L		1		A2320 B	04/25/09 01:09 / ljl
Calcium	53	mg/L		1		E200.7	04/27/09 17:15 / rdw
Chloride	7	mg/L		1		E300.0	04/28/09 09:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:24 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 17:15 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 11:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.17	mg/L		0.05		E353.2	04/24/09 14:04 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 17:15 / rdw
Silica	15.5	mg/L		0.2		E200.7	04/28/09 18:51 / cp
Sodium	31	mg/L		1		E200.7	04/27/09 17:15 / rdw
Sulfate	103	mg/L		1		E300.0	04/28/09 09:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	432	umhos/cm		1		A2510 B	04/22/09 13:25 / dd
pH	8.08	s.u.		0.01		A4500-H B	04/22/09 13:25 / dd
Solids, Total Dissolved TDS @ 180 C	292	mg/L		10		A2540 C	04/22/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 08:00 / ts
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 08:00 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 08:00 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 18:51 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 08:00 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 08:00 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 18:51 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:15 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 08:00 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 08:00 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 08:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 08:00 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 08:00 / ts
Selenium	0.040	mg/L		0.001		E200.8	04/25/09 08:00 / ts
Uranium	0.609	mg/L		0.0003		E200.8	04/25/09 08:00 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 08:00 / ts
Zinc	0.06	mg/L		0.01		E200.7	04/27/09 17:15 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 22:14 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:35 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-017
Client Sample ID: MO-113

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	490	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	9.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	213	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	37	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 precision (±)	1.3	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 226 MDC	0.22	pCi/L				E903.0	05/12/09 23:38 / trs
Radium 228	1.4	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.27	%				Calculation	04/30/09 11:18 / kbh
Anions	4.41	meq/L				Calculation	04/30/09 11:18 / kbh
Cations	4.30	meq/L				Calculation	04/30/09 11:18 / kbh
Solids, Total Dissolved Calculated	282	mg/L				Calculation	04/30/09 11:18 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	04/30/09 11:18 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-018
Client Sample ID: MU-113

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	43	mg/L		1		A2320 B	04/25/09 01:16 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	04/25/09 01:16 / ljl
Bicarbonate as HCO3	41	mg/L		1		A2320 B	04/25/09 01:16 / ljl
Calcium	31	mg/L		1		E200.7	04/27/09 17:24 / rdw
Chloride	16	mg/L		1		E300.0	04/28/09 09:54 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:27 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 17:24 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	04/24/09 11:01 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 14:05 / eli-b
Potassium	16	mg/L		1		E200.7	04/27/09 17:24 / rdw
Silica	11.9	mg/L		0.2		E200.7	04/28/09 18:55 / cp
Sodium	35	mg/L		1		E200.7	04/27/09 17:24 / rdw
Sulfate	113	mg/L		1		E300.0	04/28/09 09:54 / ljl
PHYSICAL PROPERTIES							
Conductivity	414	umhos/cm		1		A2510 B	04/22/09 13:27 / dd
pH	9.54	s.u.		0.01		A4500-H B	04/22/09 13:27 / dd
Solids, Total Dissolved TDS @ 180 C	263	mg/L		10		A2540 C	04/22/09 13:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	04/25/09 08:07 / ts
Arsenic	0.019	mg/L		0.001		E200.8	04/25/09 08:07 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 08:07 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 18:55 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 08:07 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 08:07 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 18:55 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:24 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 08:07 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 08:07 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 08:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 08:07 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 08:07 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 08:07 / ts
Uranium	0.0184	mg/L		0.0003		E200.8	04/25/09 08:07 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 08:07 / ts
Zinc	0.03	mg/L		0.01		E200.7	04/27/09 17:24 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 22:19 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:39 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-018
Client Sample ID: MU-113

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	26.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	28.5	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	2.9	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 226 precision (±)	0.38	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 226 MDC	0.22	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 228	2.3	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.17	%				Calculation	04/30/09 11:19 / kbh
Anions	3.67	meq/L				Calculation	04/30/09 11:19 / kbh
Cations	3.51	meq/L				Calculation	04/30/09 11:19 / kbh
Solids, Total Dissolved Calculated	253	mg/L				Calculation	04/30/09 11:19 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	04/30/09 11:19 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-019
Client Sample ID: M-132

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	ND	mg/L		1		A2320 B	04/25/09 01:21 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/25/09 01:21 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	04/25/09 01:21 / ljl
Calcium	ND	mg/L		1		E200.7	04/27/09 17:28 / rdw
Chloride	ND	mg/L		1		E300.0	04/28/09 10:10 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/24/09 13:34 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 17:28 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 11:04 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/24/09 13:56 / eli-b
Potassium	ND	mg/L		1		E200.7	04/27/09 17:28 / rdw
Silica	ND	mg/L		0.2		E200.7	04/28/09 18:59 / cp
Sodium	ND	mg/L		1		E200.7	04/27/09 17:28 / rdw
Sulfate	ND	mg/L		1		E300.0	04/28/09 10:10 / ljl
PHYSICAL PROPERTIES							
Conductivity	ND	umhos/cm		1		A2510 B	04/22/09 13:33 / dd
pH	6.12	s.u.		0.01		A4500-H B	04/22/09 13:33 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	04/22/09 13:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/28/09 18:59 / cp
Arsenic	ND	mg/L		0.001		E200.8	04/25/09 08:41 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 08:41 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 18:59 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 08:41 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 08:41 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 18:59 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:28 / rdw
Lead	ND	mg/L		0.001		E200.8	04/25/09 08:41 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 08:41 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 08:41 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 08:41 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 08:41 / ts
Selenium	ND	mg/L		0.001		E200.8	04/25/09 08:41 / ts
Uranium	ND	mg/L		0.0003		E200.8	04/25/09 08:41 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 08:41 / ts
Zinc	0.02	mg/L		0.01		E200.7	04/27/09 17:28 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	04/24/09 15:57 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:18 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-019
Client Sample ID: M-132

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.1	pCi/L	U			E900.0	05/13/09 13:24 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Alpha MDC	0.9	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta	-3	pCi/L	U			E900.0	05/13/09 13:24 / cgr
Gross Beta precision (±)	1.7	pCi/L				E900.0	05/13/09 13:24 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	05/13/09 13:24 / cgr
Radium 226	-0.08	pCi/L	U			E903.0	05/13/09 01:12 / trs
Radium 226 precision (±)	0.13	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 226 MDC	0.25	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 228	-0.2	pCi/L	U			RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	91.9	%				Calculation	04/30/09 15:08 / kbh
Anions	0.000571	meq/L				Calculation	04/30/09 15:08 / kbh
Cations	0.0135	meq/L				Calculation	04/30/09 15:08 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-020
Client Sample ID: MO-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	87	mg/L		1		A2320 B	04/25/09 01:37 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	04/25/09 01:37 / ljl
Bicarbonate as HCO3	89	mg/L		1		A2320 B	04/25/09 01:37 / ljl
Calcium	45	mg/L		1		E200.7	04/27/09 17:33 / rdw
Chloride	7	mg/L		1		E300.0	04/28/09 10:25 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/24/09 13:37 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 17:33 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/24/09 11:06 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	04/24/09 14:07 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 17:33 / rdw
Silica	12.7	mg/L		0.2		E200.7	04/28/09 19:03 / cp
Sodium	35	mg/L		1		E200.7	04/27/09 17:33 / rdw
Sulfate	98	mg/L		1		E300.0	04/28/09 10:25 / ljl
PHYSICAL PROPERTIES							
Conductivity	398	umhos/cm		1		A2510 B	04/22/09 13:34 / dd
pH	9.16	s.u.		0.01		A4500-H B	04/22/09 13:34 / dd
Solids, Total Dissolved TDS @ 180 C	264	mg/L		10		A2540 C	04/22/09 14:00 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	04/28/09 19:03 / cp
Arsenic	0.003	mg/L		0.001		E200.8	04/25/09 09:02 / ts
Barium	ND	mg/L		0.1		E200.8	04/25/09 09:02 / ts
Boron	ND	mg/L		0.1		E200.7	04/28/09 19:03 / cp
Cadmium	ND	mg/L		0.005		E200.8	04/25/09 09:02 / ts
Chromium	ND	mg/L		0.05		E200.8	04/25/09 09:02 / ts
Copper	ND	mg/L	D	0.02		E200.7	04/28/09 19:03 / cp
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:33 / rdw
Lead	0.002	mg/L		0.001		E200.8	04/25/09 09:02 / ts
Manganese	ND	mg/L		0.01		E200.8	04/25/09 09:02 / ts
Mercury	ND	mg/L		0.001		E200.8	04/25/09 09:02 / ts
Molybdenum	ND	mg/L		0.1		E200.8	04/25/09 09:02 / ts
Nickel	ND	mg/L		0.05		E200.8	04/25/09 09:02 / ts
Selenium	0.020	mg/L		0.001		E200.8	04/25/09 09:02 / ts
Uranium	0.266	mg/L		0.0003		E200.8	04/25/09 09:02 / ts
Vanadium	ND	mg/L		0.1		E200.8	04/25/09 09:02 / ts
Zinc	0.05	mg/L		0.01		E200.7	04/27/09 17:33 / rdw
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 22:24 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:43 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040693-020
Client Sample ID: MO-110

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	234	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha precision (±)	5.9	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta	80.3	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/05/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/05/09 03:17 / cgr
Radium 226	2.4	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 226 precision (±)	0.35	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 226 MDC	0.22	pCi/L				E903.0	05/13/09 01:12 / trs
Radium 228	1.2	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/06/09 11:04 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/06/09 11:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.562	%				Calculation	04/30/09 11:25 / kbh
Anions	4.01	meq/L				Calculation	04/30/09 11:25 / kbh
Cations	3.96	meq/L				Calculation	04/30/09 11:25 / kbh
Solids, Total Dissolved Calculated	260	mg/L				Calculation	04/30/09 11:25 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	04/30/09 11:25 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R117335
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090424B				04/24/09 16:41
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090424B				04/24/09 16:56
Alkalinity, Total as CaCO3		208	mg/L	5.0	102	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090424B				04/24/09 17:04
Alkalinity, Total as CaCO3		52.9	mg/L	5.0	100	90	110			
Sample ID: C09040693-005AMS		Sample Matrix Spike				Run: MANTECH_090424B				04/24/09 22:55
Alkalinity, Total as CaCO3		237	mg/L	5.0	100	80	120			
Sample ID: C09040693-005AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/24/09 23:03
Alkalinity, Total as CaCO3		243	mg/L	5.0	105	80	120	2.4	20	
Sample ID: C09040693-015AMS		Sample Matrix Spike				Run: MANTECH_090424B				04/25/09 00:47
Alkalinity, Total as CaCO3		164	mg/L	5.0	102	80	120			
Sample ID: C09040693-015AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/25/09 00:55
Alkalinity, Total as CaCO3		163	mg/L	5.0	101	80	120	0.7	20	
Sample ID: C09040727-001BMS		Sample Matrix Spike				Run: MANTECH_090424B				04/25/09 02:26
Alkalinity, Total as CaCO3		830	mg/L	5.0	109	80	120			
Sample ID: C09040727-001BMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424B				04/25/09 02:35
Alkalinity, Total as CaCO3		838	mg/L	5.0	115	80	120	1	20	
Method: A2320 B										Batch: R117412
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090427A				04/27/09 10:09
Alkalinity, Total as CaCO3		5	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		6	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090427A				04/27/09 10:24
Alkalinity, Total as CaCO3		206	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090427A				04/27/09 10:31
Alkalinity, Total as CaCO3		53.0	mg/L	5.0	97	90	110			
Sample ID: C09040693-004AMS		Sample Matrix Spike				Run: MANTECH_090427A				04/27/09 12:47
Alkalinity, Total as CaCO3		236	mg/L	5.0	100	80	120			
Sample ID: C09040693-004AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090427A				04/27/09 12:55
Alkalinity, Total as CaCO3		236	mg/L	5.0	100	80	120	0.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B								Analytical Run: ORION555A_090422A		
Sample ID: ICV2_090422_1		Initial Calibration Verification Standard							04/22/09 11:15	
Conductivity		1490	umhos/cm	1.0	105	90	110			
Method: A2510 B								Batch: 090422_1_PH-W_555A-1		
Sample ID: MBLK1_090422_1		Method Blank				Run: ORION555A_090422A			04/22/09 11:11	
Conductivity		1	umhos/cm	0.2						
Sample ID: C09040693-002ADUP		Sample Duplicate				Run: ORION555A_090422A			04/22/09 12:02	
Conductivity		519	umhos/cm	1.0				0.2	10	
Sample ID: C09040693-012ADUP		Sample Duplicate				Run: ORION555A_090422A			04/22/09 12:33	
Conductivity		410	umhos/cm	1.0				0.2	10	
Method: A2510 B								Analytical Run: ORION555A_090422B		
Sample ID: ICV2_090422_2		Initial Calibration Verification Standard							04/22/09 13:17	
Conductivity		1490	umhos/cm	1.0	105	90	110			
Method: A2510 B								Batch: 090422_2_PH-W_555A-1		
Sample ID: MBLK1_090422_2		Method Blank				Run: ORION555A_090422B			04/22/09 13:13	
Conductivity		2	umhos/cm	0.2						
Sample ID: C09040704-001ADUP		Sample Duplicate				Run: ORION555A_090422B			04/22/09 13:41	
Conductivity		8020	umhos/cm	1.0				0	10	
Method: A2540 C								Batch: 090422_1_SLDS-TDS-W		
Sample ID: MBLK1_090422		Method Blank				Run: BAL-1_090422A			04/22/09 13:49	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090422		Laboratory Control Sample				Run: BAL-1_090422A			04/22/09 13:49	
Solids, Total Dissolved TDS @ 180 C		990	mg/L	10	99	90	110			
Sample ID: C09040678-003AMS		Sample Matrix Spike				Run: BAL-1_090422A			04/22/09 13:52	
Solids, Total Dissolved TDS @ 180 C		3150	mg/L	10	101	90	110			
Sample ID: C09040678-003AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090422A			04/22/09 13:52	
Solids, Total Dissolved TDS @ 180 C		3150	mg/L	10	101	90	110	0.1	10	
Sample ID: C09040693-007AMS		Sample Matrix Spike				Run: BAL-1_090422A			04/22/09 13:55	
Solids, Total Dissolved TDS @ 180 C		2350	mg/L	10	101	90	110			
Sample ID: C09040693-007AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090422A			04/22/09 13:55	
Solids, Total Dissolved TDS @ 180 C		2360	mg/L	10	101	90	110	0.3	10	
Sample ID: C09040693-017AMS		Sample Matrix Spike				Run: BAL-1_090422A			04/22/09 13:59	
Solids, Total Dissolved TDS @ 180 C		2310	mg/L	10	101	90	110			
Sample ID: C09040693-017AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090422A			04/22/09 13:59	
Solids, Total Dissolved TDS @ 180 C		2320	mg/L	10	101	90	110	0.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R117327
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090424A				04/24/09 09:45
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090424A				04/24/09 09:47
Fluoride		0.980	mg/L	0.10	98	90	110			
Sample ID: C09040693-004AMS		Sample Matrix Spike				Run: MANTECH_090424A				04/24/09 12:26
Fluoride		1.18	mg/L	0.10	101	80	120			
Sample ID: C09040693-004AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A				04/24/09 12:29
Fluoride		1.18	mg/L	0.10	101	80	120	0	10	
Sample ID: C09040693-014AMS		Sample Matrix Spike				Run: MANTECH_090424A				04/24/09 13:13
Fluoride		1.30	mg/L	0.10	104	80	120			
Sample ID: C09040693-014AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A				04/24/09 13:16
Fluoride		1.30	mg/L	0.10	104	80	120	0	10	
Sample ID: C09040726-002BMS		Sample Matrix Spike				Run: MANTECH_090424A				04/24/09 14:02
Fluoride		1.28	mg/L	0.10	101	80	120			
Sample ID: C09040726-002BMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090424A				04/24/09 14:05
Fluoride		1.30	mg/L	0.10	103	80	120	1.6	10	
Method: A4500-H B										Analytical Run: ORION555A_090422A
Sample ID: ICV1_090422_1		Initial Calibration Verification Standard								04/22/09 11:13
pH		6.82	s.u.	0.010	99	98	102			
Method: A4500-H B										Batch: 090422_1_PH-W_555A-1
Sample ID: C09040693-002ADUP		Sample Duplicate				Run: ORION555A_090422A				04/22/09 12:02
pH		8.37	s.u.	0.010				0.2	10	
Sample ID: C09040693-012ADUP		Sample Duplicate				Run: ORION555A_090422A				04/22/09 12:33
pH		9.39	s.u.	0.010				0.1	10	
Method: A4500-H B										Analytical Run: ORION555A_090422B
Sample ID: ICV1_090422_2		Initial Calibration Verification Standard								04/22/09 13:15
pH		6.91	s.u.	0.010	101	98	102			
Method: A4500-H B										Batch: 090422_2_PH-W_555A-1
Sample ID: C09040704-001ADUP		Sample Duplicate				Run: ORION555A_090422B				04/22/09 13:41
pH		8.59	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: 22129
Sample ID: MB-22129	2	Method Blank				Run: ICP3-C_090504A				05/05/09 01:16
Iron		ND	mg/L	0.02						
Manganese		ND	mg/L	0.02						
Sample ID: LCS3-22129	2	Laboratory Control Sample				Run: ICP3-C_090504A				05/05/09 01:36
Iron		2.21	mg/L	0.030	88	85	115			
Manganese		2.18	mg/L	0.020	87	85	115			
Sample ID: C09040770-001AMS3	2	Sample Matrix Spike				Run: ICP3-C_090504A				05/05/09 03:22
Iron		6.26	mg/L	0.030	101	70	130			
Manganese		2.69	mg/L	0.020	97	70	130			
Sample ID: C09040770-001AMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A				05/05/09 03:27
Iron		6.62	mg/L	0.030	116	70	130	5.6	20	
Manganese		2.82	mg/L	0.020	102	70	130	4.5	20	
Method: E200.7										Batch: 22130
Sample ID: MB-22130	2	Method Blank				Run: ICP3-C_090506A				05/06/09 20:56
Iron		0.1	mg/L	0.02						
Manganese		ND	mg/L	0.02						
Sample ID: LCS3-22130	2	Laboratory Control Sample				Run: ICP3-C_090506A				05/06/09 21:01
Iron		2.48	mg/L	0.030	99	85	115			
Manganese		2.46	mg/L	0.020	98	85	115			
Sample ID: C09040704-006CMS3	2	Sample Matrix Spike				Run: ICP3-C_090506A				05/06/09 22:49
Iron		3.45	mg/L	0.030	93	70	130			
Manganese		2.55	mg/L	0.020	93	70	130			
Sample ID: C09040704-006CMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090506A				05/06/09 22:54
Iron		3.11	mg/L	0.030	80	70	130	10	20	
Manganese		2.50	mg/L	0.020	91	70	130	2	20	
Method: E200.7										Batch: R117337
Sample ID: LRB		Method Blank				Run: ICP3-C_090424A				04/24/09 13:15
Iron		0.05	mg/L	0.01						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICP3-C_090424A				04/24/09 13:19
Iron		5.68	mg/L	0.030	113	85	115			
Sample ID: C09040674-018CMS		Sample Matrix Spike				Run: ICP3-C_090424A				04/24/09 15:00
Iron		0.681	mg/L	0.030	130	70	130			
Sample ID: C09040674-018CMSD		Sample Matrix Spike Duplicate				Run: ICP3-C_090424A				04/24/09 15:05
Iron		0.634	mg/L	0.030	121	70	130	7.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117416
Sample ID: LRB	6	Method Blank				Run: ICP3-C_090427A				04/27/09 13:00
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Potassium		0.06	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Zinc		ND	mg/L	0.008						
Sample ID: LFB	6	Laboratory Fortified Blank				Run: ICP3-C_090427A				04/27/09 13:04
Calcium		53.9	mg/L	0.50	108	85	115			
Iron		5.76	mg/L	0.030	115	85	115			
Magnesium		54.0	mg/L	0.50	108	85	115			
Potassium		53.3	mg/L	0.50	106	85	115			
Sodium		54.4	mg/L	0.50	109	85	115			
Zinc		1.15	mg/L	0.010	115	85	115			
Sample ID: MB-22126	6	Method Blank				Run: ICP3-C_090427A				04/27/09 15:12
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Zinc		ND	mg/L	0.008						
Sample ID: C09040693-005BMS	6	Sample Matrix Spike				Run: ICP3-C_090427A				04/27/09 15:43
Calcium		99.1	mg/L	1.0	81	70	130			
Iron		0.464	mg/L	0.030	91	70	130			
Magnesium		47.2	mg/L	1.0	90	70	130			
Potassium		50.6	mg/L	1.0	90	70	130			
Sodium		76.3	mg/L	1.0	88	70	130			
Zinc		0.564	mg/L	0.010	94	70	130			
Sample ID: C09040693-005BMSD	6	Sample Matrix Spike Duplicate				Run: ICP3-C_090427A				04/27/09 15:48
Calcium		99.1	mg/L	1.0	81	70	130	0	20	
Iron		0.477	mg/L	0.030	93	70	130	2.7	20	
Magnesium		47.6	mg/L	1.0	90	70	130	0.8	20	
Potassium		50.9	mg/L	1.0	91	70	130	0.5	20	
Sodium		76.4	mg/L	1.0	88	70	130	0.2	20	
Zinc		0.578	mg/L	0.010	97	70	130	2.5	20	
Sample ID: C09040693-015BMS	6	Sample Matrix Spike				Run: ICP3-C_090427A				04/27/09 16:49
Calcium		67.3	mg/L	1.0	91	70	130			
Iron		0.476	mg/L	0.030	93	70	130			
Magnesium		48.1	mg/L	1.0	93	70	130			
Potassium		74.4	mg/L	1.0	94	70	130			
Sodium		90.9	mg/L	1.0	93	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117416
Sample ID: C09040693-015BMS	6	Sample Matrix Spike				Run: ICP3-C_090427A			04/27/09 16:49	
Zinc		0.542	mg/L	0.010	**101**	70	130			
Sample ID: C09040693-015BMSD	6	Sample Matrix Spike Duplicate				Run: ICP3-C_090427A			04/27/09 17:06	
Calcium		74.8	mg/L	1.0	**106**	70	130	**11**	20	
Iron		0.542	mg/L	0.030	**106**	70	130	**13**	20	
Magnesium		55.0	mg/L	1.0	**106**	70	130	**13**	20	
Potassium		81.3	mg/L	1.0	**108**	70	130	**8.9**	20	
Sodium		98.3	mg/L	1.0	**108**	70	130	**7.8**	20	
Zinc		0.609	mg/L	0.010	**114**	70	130	**12**	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117474	
Sample ID: MB-090428A	4	Method Blank				Run: ICP2-C_090428A			04/28/09 13:25	
Aluminum		ND	mg/L	0.03						
Boron		ND	mg/L	0.03						
Copper		ND	mg/L	0.01						
Silicon		ND	mg/L	0.01						
Sample ID: LFB-090428A	4	Laboratory Fortified Blank				Run: ICP2-C_090428A			04/28/09 13:29	
Aluminum		0.914	mg/L	0.10	91	85	115			
Boron		0.935	mg/L	0.10	94	85	115			
Copper		0.917	mg/L	0.011	92	85	115			
Silicon		0.411	mg/L	0.015	103	85	115			
Sample ID: MB-22058	4	Method Blank				Run: ICP2-C_090428A			04/28/09 15:13	
Aluminum		ND	mg/L	0.06						
Boron		ND	mg/L	0.06						
Copper		ND	mg/L	0.02						
Silicon		0.03	mg/L	0.03						
Sample ID: C09040693-001BMS2	4	Sample Matrix Spike				Run: ICP2-C_090428A			04/28/09 15:37	
Aluminum		1.88	mg/L	0.10	94	70	130			
Boron		2.07	mg/L	0.10	104	70	130			
Copper		1.95	mg/L	0.021	97	70	130			
Silicon		8.44	mg/L	0.10		70	130			A
Sample ID: C09040693-001BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090428A			04/28/09 15:41	
Aluminum		1.94	mg/L	0.10	97	70	130	3.1	20	
Boron		2.07	mg/L	0.10	103	70	130	0.3	20	
Copper		1.95	mg/L	0.021	98	70	130	0.4	20	
Silicon		8.46	mg/L	0.10		70	130	0.1	20	A
Sample ID: C09040693-011BMS2	4	Sample Matrix Spike				Run: ICP2-C_090428A			04/28/09 17:30	
Aluminum		1.87	mg/L	0.10	93	70	130			
Boron		2.02	mg/L	0.10	101	70	130			
Copper		1.92	mg/L	0.021	96	70	130			
Silicon		8.28	mg/L	0.10		70	130			A
Sample ID: C09040693-011BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090428A			04/28/09 17:34	
Aluminum		1.85	mg/L	0.10	93	70	130	0.8	20	
Boron		1.96	mg/L	0.10	98	70	130	3.2	20	
Copper		1.91	mg/L	0.021	95	70	130	0.4	20	
Silicon		8.07	mg/L	0.10		70	130	2.6	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117920
Sample ID: MB-090507A		Method Blank				Run: ICP2-C_090507A				05/07/09 11:30
Manganese		ND	mg/L	0.001						
Sample ID: LFB-090507A		Laboratory Fortified Blank				Run: ICP2-C_090507A				05/07/09 11:34
Manganese		0.933	mg/L	0.010	93	85	115			
Sample ID: C09040674-009CMS2		Sample Matrix Spike				Run: ICP2-C_090507A				05/07/09 15:41
Manganese		2.08	mg/L	0.014	104	70	130			
Sample ID: C09040674-009CMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090507A				05/07/09 15:45
Manganese		2.00	mg/L	0.014	100	70	130	3.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117340
Sample ID: LRB	13	Method Blank				Run: ICPMS2-C_090424A				04/24/09 13:10
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Sample ID: LFB	13	Laboratory Fortified Blank				Run: ICPMS2-C_090424A				04/24/09 13:17
Aluminum		0.0496	mg/L	0.0022	99	85	115			
Arsenic		0.0507	mg/L	0.0010	101	85	115			
Barium		0.0510	mg/L	0.0010	102	85	115			
Cadmium		0.0503	mg/L	0.0010	101	85	115			
Chromium		0.0504	mg/L	0.0010	101	85	115			
Lead		0.0498	mg/L	0.0010	100	85	115			
Manganese		0.0488	mg/L	0.0010	98	85	115			
Mercury		0.00511	mg/L	0.0010	102	85	115			
Molybdenum		0.0510	mg/L	0.0010	102	85	115			
Nickel		0.0492	mg/L	0.0010	98	85	115			
Selenium		0.0502	mg/L	0.0014	100	85	115			
Uranium		0.0494	mg/L	0.00030	99	85	115			
Vanadium		0.0500	mg/L	0.0010	100	85	115			
Sample ID: MB-22126	13	Method Blank				Run: ICPMS2-C_090424A				04/25/09 03:22
Aluminum		ND	mg/L	0.0001						
Arsenic		0.0009	mg/L	6E-05						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	1E-05						
Chromium		ND	mg/L	4E-05						
Lead		ND	mg/L	3E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	8E-05						
Molybdenum		9E-05	mg/L	5E-05						
Nickel		ND	mg/L	0.0007						
Selenium		0.001	mg/L	0.0002						
Uranium		2E-05	mg/L	1E-05						
Vanadium		ND	mg/L	3E-05						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117340
Sample ID: C09040693-009BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090424A				04/25/09 06:32
Aluminum		0.220	mg/L	0.0010	82	70	130			
Arsenic		0.0685	mg/L	0.0010	93	70	130			
Barium		0.0678	mg/L	0.0010	95	70	130			
Cadmium		0.0467	mg/L	0.010	93	70	130			
Chromium		0.0451	mg/L	0.0010	90	70	130			
Lead		0.0474	mg/L	0.0010	94	70	130			
Manganese		0.0462	mg/L	0.010	91	70	130			
Mercury		0.00488	mg/L	0.0010	98	70	130			
Molybdenum		0.0511	mg/L	0.0010	96	70	130			
Nickel		0.0440	mg/L	0.0010	88	70	130			
Selenium		0.0464	mg/L	0.0010	92	70	130			
Uranium		0.113	mg/L	0.00030	99	70	130			
Vanadium		0.0491	mg/L	0.0010	93	70	130			
Sample ID: C09040693-009BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090424A				04/25/09 06:39
Aluminum		0.220	mg/L	0.0010	81	70	130	0.2	20	
Arsenic		0.0701	mg/L	0.0010	96	70	130	2.3	20	
Barium		0.0694	mg/L	0.0010	98	70	130	2.4	20	
Cadmium		0.0478	mg/L	0.010	95	70	130	2.3	20	
Chromium		0.0451	mg/L	0.0010	90	70	130	0	20	
Lead		0.0480	mg/L	0.0010	95	70	130	1.4	20	
Manganese		0.0460	mg/L	0.010	91	70	130	0.4	20	
Mercury		0.00498	mg/L	0.0010	100	70	130	1.9	20	
Molybdenum		0.0521	mg/L	0.0010	98	70	130	2	20	
Nickel		0.0443	mg/L	0.0010	89	70	130	0.6	20	
Selenium		0.0470	mg/L	0.0010	93	70	130	1.3	20	
Uranium		0.113	mg/L	0.00030	100	70	130	0.6	20	
Vanadium		0.0495	mg/L	0.0010	93	70	130	0.7	20	
Sample ID: C09040693-019BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090424A				04/25/09 08:48
Aluminum		0.0424	mg/L	0.0010	85	70	130			
Arsenic		0.0492	mg/L	0.0010	98	70	130			
Barium		0.0490	mg/L	0.0010	97	70	130			
Cadmium		0.0487	mg/L	0.010	97	70	130			
Chromium		0.0471	mg/L	0.0010	94	70	130			
Lead		0.0478	mg/L	0.0010	95	70	130			
Manganese		0.0474	mg/L	0.010	94	70	130			
Mercury		0.00493	mg/L	0.0010	99	70	130			
Molybdenum		0.0489	mg/L	0.0010	98	70	130			
Nickel		0.0464	mg/L	0.0010	93	70	130			
Selenium		0.0494	mg/L	0.0010	99	70	130			
Uranium		0.0470	mg/L	0.00030	94	70	130			
Vanadium		0.0483	mg/L	0.0010	97	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117340	
Sample ID: C09040693-019BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090424A			04/25/09 08:55	
Aluminum		0.0447	mg/L	0.0010	89	70	130	5.3	20	
Arsenic		0.0495	mg/L	0.0010	98	70	130	0.6	20	
Barium		0.0495	mg/L	0.0010	99	70	130	1.1	20	
Cadmium		0.0489	mg/L	0.010	98	70	130	0.3	20	
Chromium		0.0471	mg/L	0.0010	94	70	130	0	20	
Lead		0.0488	mg/L	0.0010	97	70	130	1.9	20	
Manganese		0.0477	mg/L	0.010	95	70	130	0.6	20	
Mercury		0.00500	mg/L	0.0010	100	70	130	1.4	20	
Molybdenum		0.0492	mg/L	0.0010	98	70	130	0.6	20	
Nickel		0.0463	mg/L	0.0010	93	70	130	0.3	20	
Selenium		0.0497	mg/L	0.0010	99	70	130	0.5	20	
Uranium		0.0477	mg/L	0.00030	95	70	130	1.5	20	
Vanadium		0.0483	mg/L	0.0010	97	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R117485
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090427A				04/27/09 15:56
Chloride		9.74	mg/L	1.0	97	90	110			
Sulfate		38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090427A				04/27/09 16:11
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09040674-021AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/28/09 01:57
Chloride		25.9	mg/L	1.0	104	90	110			
Sulfate		230	mg/L	1.0	101	90	110			
Sample ID: C09040674-021AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/28/09 02:12
Chloride		25.9	mg/L	1.0	104	90	110	0.3	20	
Sulfate		230	mg/L	1.0	101	90	110	0.1	20	
Sample ID: C09040693-007AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/28/09 05:32
Chloride		24.7	mg/L	1.0	102	90	110			
Sulfate		205	mg/L	1.0	102	90	110			
Sample ID: C09040693-007AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/28/09 05:48
Chloride		24.9	mg/L	1.0	103	90	110	0.8	20	
Sulfate		205	mg/L	1.0	103	90	110	0.2	20	
Sample ID: C09040693-017AMS	2	Sample Matrix Spike				Run: IC1-C_090427A				04/28/09 09:24
Chloride		28.2	mg/L	1.0	106	90	110			
Sulfate		184	mg/L	1.0	103	90	110			
Sample ID: C09040693-017AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090427A				04/28/09 09:39
Chloride		28.7	mg/L	1.0	108	90	110	1.7	20	
Sulfate		186	mg/L	1.0	106	90	110	1.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1									Analytical Run: SUB-B128352	
Sample ID: ICV		Initial Calibration Verification Standard							04/24/09 10:24	
Nitrogen, Ammonia as N		5.71	mg/L	0.11	104	90	110			
Method: E350.1									Batch: B_R128352	
Sample ID: MBLK		Method Blank				Run: SUB-B128352			04/24/09 10:25	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128352			04/24/09 10:26	
Nitrogen, Ammonia as N		1.01	mg/L	0.10	102	90	110			
Sample ID: C09040693-001E		Sample Matrix Spike				Run: SUB-B128352			04/24/09 10:32	
Nitrogen, Ammonia as N		0.923	mg/L	0.050	86	90	110			S
Sample ID: C09040693-001E		Sample Matrix Spike Duplicate				Run: SUB-B128352			04/24/09 10:34	
Nitrogen, Ammonia as N		0.919	mg/L	0.050	85	90	110	0.4	10	S
Sample ID: C09040693-009E		Sample Matrix Spike				Run: SUB-B128352			04/24/09 10:47	
Nitrogen, Ammonia as N		1.19	mg/L	0.050	87	90	110			S
Sample ID: C09040693-009E		Sample Matrix Spike Duplicate				Run: SUB-B128352			04/24/09 10:48	
Nitrogen, Ammonia as N		1.19	mg/L	0.050	87	90	110	0.3	10	S
Sample ID: B09042149-018EMS		Sample Matrix Spike				Run: SUB-B128352			04/24/09 11:02	
Nitrogen, Ammonia as N		0.866	mg/L	0.050	79	90	110			S
Sample ID: B09042149-018EMSD		Sample Matrix Spike Duplicate				Run: SUB-B128352			04/24/09 11:03	
Nitrogen, Ammonia as N		0.869	mg/L	0.050	79	90	110	0.3	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Analytical Run: SUB-B128356	
Sample ID: ICV		Initial Calibration Verification Standard							04/24/09 11:21	
Nitrogen, Nitrate+Nitrite as N		36.6	mg/L	0.050	103	90	110			
Method: E353.2									Batch: B_R128356	
Sample ID: MBLK		Method Blank				Run: SUB-B128356			04/24/09 11:22	
Nitrogen, Nitrate+Nitrite as N		0.002	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128356			04/24/09 11:23	
Nitrogen, Nitrate+Nitrite as N		0.988	mg/L	0.050	101	90	110			
Sample ID: C09040693-005E		Sample Matrix Spike				Run: SUB-B128356			04/24/09 12:19	
Nitrogen, Nitrate+Nitrite as N		0.998	mg/L	0.050	102	90	110			
Sample ID: C09040693-005E		Sample Matrix Spike Duplicate				Run: SUB-B128356			04/24/09 12:20	
Nitrogen, Nitrate+Nitrite as N		1.00	mg/L	0.050	102	90	110	0.3	10	
Sample ID: C09040693-019E		Sample Matrix Spike				Run: SUB-B128356			04/24/09 13:57	
Nitrogen, Nitrate+Nitrite as N		0.966	mg/L	0.050	98	90	110			
Sample ID: C09040693-019E		Sample Matrix Spike Duplicate				Run: SUB-B128356			04/24/09 13:58	
Nitrogen, Nitrate+Nitrite as N		0.974	mg/L	0.050	99	90	110	0.8	10	
Sample ID: B09042169-003AMS		Sample Matrix Spike				Run: SUB-B128356			04/24/09 14:14	
Nitrogen, Nitrate+Nitrite as N		1.94	mg/L	0.050	102	90	110			
Sample ID: B09042169-003AMSD		Sample Matrix Spike Duplicate				Run: SUB-B128356			04/24/09 14:15	
Nitrogen, Nitrate+Nitrite as N		1.94	mg/L	0.050	102	90	110	0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0647
Sample ID: MB-GrAB-0647	6	Method Blank				Run: G5000W_090508A				05/13/09 01:15
Gross Alpha		-0.3	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-0.9	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0647		Laboratory Control Sample				Run: G5000W_090508A				05/13/09 01:15
Gross Alpha		150	pCi/L		106	70	130			
Sample ID: Cs137-GrAB-0647		Laboratory Control Sample				Run: G5000W_090508A				05/13/09 01:15
Gross Beta		98	pCi/L		107	70	130			
Sample ID: C09040693-019DMS		Sample Matrix Spike				Run: G5000W_090508A				05/13/09 13:24
Gross Alpha		147	pCi/L		107	70	130			
Sample ID: C09040693-019DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090508A				05/13/09 13:24
Gross Alpha		134	pCi/L		97	70	130	9.4	15.6	
Sample ID: C09040693-019DMS		Sample Matrix Spike				Run: G5000W_090508A				05/13/09 13:24
Gross Beta		114	pCi/L		126	70	130			
Sample ID: C09040693-019DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090508A				05/13/09 13:24
Gross Beta		105	pCi/L		117	70	130	7.9	15.8	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0661
Sample ID: MB-GrAB-0661	6	Method Blank				Run: TENNELEC-3_090529A				06/04/09 03:53
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0661		Laboratory Control Sample				Run: TENNELEC-3_090529A				06/04/09 03:54
Gross Alpha		130	pCi/L		97	70	130			
Sample ID: Cs137-GrAB-0661		Laboratory Control Sample				Run: TENNELEC-3_090529A				06/04/09 03:54
Gross Beta		98	pCi/L		108	70	130			
Sample ID: C09050182-004AMS		Sample Matrix Spike				Run: TENNELEC-3_090529A				06/04/09 03:53
Gross Alpha		124	pCi/L		88	70	130			
Sample ID: C09050182-004AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090529A				06/04/09 03:53
Gross Alpha		138	pCi/L		99	70	130	11	16.9	
Sample ID: C09050182-004AMS		Sample Matrix Spike				Run: TENNELEC-3_090529A				06/04/09 03:53
Gross Beta		90.6	pCi/L		99	70	130			
Sample ID: C09050182-004AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090529A				06/04/09 03:53
Gross Beta		98.8	pCi/L		108	70	130	8.6	16.2	
Method: E903.0										Batch: RA226-3617
Sample ID: C09040693-001DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090424C				05/12/09 16:43
Radium 226		16	pCi/L		97	70	130			
Sample ID: C09040693-001DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090424C				05/12/09 16:43
Radium 226		15	pCi/L		90	70	130	6.9	23.3	
Sample ID: MB-RA226-3617	3	Method Blank				Run: BERTHOLD 770-1_090424C				05/12/09 22:01
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.07	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3617		Laboratory Control Sample				Run: BERTHOLD 770-1_090424C				05/12/09 22:01
Radium 226		8.2	pCi/L		105	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/12/09
Work Order: C09040693

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3618
Sample ID: C09040693-011DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090424E			05/12/09 23:38	
Radium 226		710	pCi/L		-845	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.										
Sample ID: C09040693-011DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090424E			05/12/09 23:38	
Radium 226		700	pCi/L		-930	70	130	1.9	12.2	S
Sample ID: MB-RA226-3618	3	Method Blank				Run: BERTHOLD 770-1_090424E			05/13/09 01:12	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.3	pCi/L							
Sample ID: LCS-RA226-3618		Laboratory Control Sample				Run: BERTHOLD 770-1_090424E			05/13/09 01:12	
Radium 226		8.0	pCi/L		104	70	130			
Method: RA-05										Batch: RA228-2629
Sample ID: LCS-228-RA226-3617		Laboratory Control Sample				Run: TENNELEC-3_090424A			05/05/09 17:11	
Radium 228		7.12	pCi/L		85	70	130			
Sample ID: MB-RA226-3617	3	Method Blank				Run: TENNELEC-3_090424A			05/05/09 17:11	
Radium 228		-0.4	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040693-010DMS		Sample Matrix Spike				Run: TENNELEC-3_090424A			05/05/09 17:11	
Radium 228		19.4	pCi/L		79	70	130			
Sample ID: C09040693-010DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090424A			05/05/09 17:11	
Radium 228		19.2	pCi/L		78	70	130	0.8	31.2	
Method: RA-05										Batch: RA228-2630
Sample ID: LCS-228-RA226-3618		Laboratory Control Sample				Run: TENNELEC-3_090424B			05/06/09 11:04	
Radium 228		8.34	pCi/L		96	70	130			
Sample ID: MB-RA226-3618	3	Method Blank				Run: TENNELEC-3_090424B			05/06/09 11:04	
Radium 228		-0.05	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040693-020DMS		Sample Matrix Spike				Run: TENNELEC-3_090424B			05/06/09 11:04	
Radium 228		14.2	pCi/L		74	70	130			
Sample ID: C09040693-020DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090424B			05/06/09 11:04	
Radium 228		14.4	pCi/L		75	70	130	1.8	35.4	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Ur-Energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State: WY	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa
			Sampler: (Please Print) JD/TL/CH/AA/DH
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): Client

Receipt Temp: 4 °C

On Ice: Yes No

Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	GUIDELINE 8												
1	M-128 #23	04/21/09		W-2 GALS	X												
2	M-127 #24	04/21/09		W-2 GALS	X												
3	M-126 #25	04/21/09		W-2 GALS	X												
4	M-125 #26	04/21/09		W-2 GALS	X												
5	M-124 #27	04/21/09		W-2 GALS	X												C09D40693
6	M-123 #28	04/21/09		W-2 GALS	X												
7	M-122 #29	04/21/09		W-2 GALS	X												
8	M-119 #30	04/21/09		W-2 GALS	X												
9	MU-110 #31	04/21/09		W-2 GALS	X												
10	MP-110 #32	04/21/09		W-2 GALS	X												

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Jay Douthit	Date/Time: 04/21/09 18:09	Signature:	Received by (print): John W Cash
Relinquished by (print): John W Cash	Date/Time: 4/22/09 7:55	Signature:	Received by (print):
Sample Disposal: Return to Client: _____	Lab Disposal: _____		Received by Laboratory:

Date/Time: 4/21/09 18:09 Signature:

Date/Time: Signature:

Date/Time: 4/22/09 7:55 Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Ur-Energy	Project Name, PWS, Permit, Etc. Lost Creek	Sample Origin State: WY	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper Wy 82609	Contact Name: John Cash; Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa	Sampler: (Please Print) JD/TL/CH/AA/DH
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Fand
Cooler ID(s): Client
Receipt Temp 9 °C
On Ice: Yes No
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	GUIDELINE 8													
1	M-131 #33	04/21/09		W-2 GALS	X													
2	MU-112 #34	04/21/09		W-2 GALS	X												C09040693	
3	MP-112 #35	04/21/09		W-2 GALS	X													
4	MO-112 #36	04/21/09		W-2 GALS	X													
5	Mu-111 #37	04/21/09		W-2 GALS	X													
6	MP-111 #39	04/21/09		W-2 GALS	X													
7	MO-113 #40	04/21/09		W-2 GALS	X													
8	MU-113 #41	04/21/09		W-2 GALS	X													
9	M-132 #42	04/21/09		W-2 GALS	X													
10	MO-110 #43	04/21/09		W-2 GALS	X													

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay Douthit	04/21/09 18:09		John Cash	4/21/09 18:09	[signature]
[signature]	4/22/09 7:55	John Cash			
Sample Disposal: Return to Client: _____ Lab Disposal: _____			Received by Laboratory:	4-22-09 7:55	[signature]

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09040693

Date: *12-Jun-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

June 14, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09040800 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 4/23/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09040800-001	MU-106	04/22/09 00:00	04/23/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09040800-002	MP-106	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-003	MO-106	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-004	MO-104	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-005	MP-104	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-006	MU-104	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-007	MP-107	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-008	MU-107	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-009	MO-107	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-010	MP-108	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-011	MO-108	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-012	MU-109	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-013	MO-109	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-014	MP-109	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-015	MP-113	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-016	M-134	04/22/09 00:00	04/23/09	Aqueous	Same As Above
C09040800-017	M-133	04/22/09 00:00	04/23/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

STEVE CARLSTON

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-001
Client Sample ID: MU-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	04/28/09 17:52 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	04/28/09 17:52 / ljl
Bicarbonate as HCO3	120	mg/L		1		A2320 B	04/28/09 17:52 / ljl
Calcium	64	mg/L		1		E200.7	04/27/09 17:42 / rdw
Chloride	4	mg/L		1		E300.0	04/30/09 01:30 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:20 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 17:42 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 11:54 / eli-b
Potassium	4	mg/L		1		E200.7	04/27/09 17:42 / rdw
Silica	14.6	mg/L		0.2		E200.7	05/04/09 16:44 / rdw
Sodium	35	mg/L		1		E200.7	04/27/09 17:42 / rdw
Sulfate	118	mg/L		1		E300.0	04/30/09 01:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	472	umhos/cm		1		A2510 B	04/24/09 11:45 / dd
pH	8.91	s.u.		0.01		A4500-H B	04/24/09 11:45 / dd
Solids, Total Dissolved TDS @ 180 C	321	mg/L		10		A2540 C	04/24/09 14:43 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 22:30 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/01/09 22:30 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 17:42 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 16:44 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 22:30 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 22:30 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 22:30 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:42 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 22:30 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 22:30 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 22:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 22:30 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 22:30 / ts
Selenium	ND	mg/L		0.001		E200.8	05/01/09 22:30 / ts
Uranium	0.111	mg/L		0.0003		E200.8	05/01/09 22:30 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 17:42 / rdw
Zinc	0.01	mg/L		0.01		E200.8	05/01/09 22:30 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 17:56 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 17:56 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-001
Client Sample ID: MU-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	828	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha precision (±)	11.5	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta	343	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta precision (±)	4.8	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:16 / cgr
Radium 226	247	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 precision (±)	3.0	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 228	6.1	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	2.22	%				Calculation	05/01/09 10:48 / kbh
Anions	4.74	meq/L				Calculation	05/01/09 10:48 / kbh
Cations	4.96	meq/L				Calculation	05/01/09 10:48 / kbh
Solids, Total Dissolved Calculated	292	mg/L				Calculation	05/01/09 10:48 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	05/01/09 10:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-002
Client Sample ID: MP-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	04/28/09 18:14 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 18:14 / ljl
Bicarbonate as HCO3	131	mg/L		1		A2320 B	04/28/09 18:14 / ljl
Calcium	59	mg/L		1		E200.7	04/27/09 17:46 / rdw
Chloride	4	mg/L		1		E300.0	04/30/09 02:17 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:22 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 17:46 / rdw
Nitrogen, Ammonia as N	0.07	mg/L		0.05		E350.1	04/27/09 11:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 11:55 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 17:46 / rdw
Silica	15.0	mg/L		0.2		E200.7	05/04/09 16:49 / rdw
Sodium	32	mg/L		1		E200.7	04/27/09 17:46 / rdw
Sulfate	115	mg/L		1		E300.0	04/30/09 02:17 / ljl
PHYSICAL PROPERTIES							
Conductivity	455	umhos/cm		1		A2510 B	04/24/09 11:57 / dd
pH	7.92	s.u.		0.01		A4500-H B	04/24/09 11:57 / dd
Solids, Total Dissolved TDS @ 180 C	304	mg/L		10		A2540 C	04/24/09 14:44 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 22:36 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/01/09 22:36 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 17:46 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 16:49 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 22:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 22:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 22:36 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 17:46 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 22:36 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 22:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 22:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 22:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 22:36 / ts
Selenium	ND	mg/L		0.001		E200.8	05/01/09 22:36 / ts
Uranium	0.0073	mg/L		0.0003		E200.8	05/01/09 22:36 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 17:46 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/01/09 22:36 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:08 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:08 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-002
Client Sample ID: MP-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	35.7	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha precision (±)	2.4	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta	13.8	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Radium 226	7.1	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 precision (±)	0.52	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 228	4.6	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.13	%				Calculation	05/01/09 10:48 / kbh
Anions	4.67	meq/L				Calculation	05/01/09 10:48 / kbh
Cations	4.57	meq/L				Calculation	05/01/09 10:48 / kbh
Solids, Total Dissolved Calculated	279	mg/L				Calculation	05/01/09 10:48 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	05/01/09 10:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-003
Client Sample ID: MO-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	71	mg/L		1		A2320 B	04/28/09 18:31 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	04/28/09 18:31 / ljl
Bicarbonate as HCO3	82	mg/L		1		A2320 B	04/28/09 18:31 / ljl
Calcium	35	mg/L		1		E200.7	04/27/09 18:04 / rdw
Chloride	4	mg/L		1		E300.0	04/30/09 02:32 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	04/28/09 12:25 / ljl
Magnesium	1	mg/L		1		E200.7	04/27/09 18:04 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.14	mg/L		0.05		E353.2	04/27/09 11:56 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 18:04 / rdw
Silica	12.2	mg/L		0.2		E200.7	05/04/09 16:59 / rdw
Sodium	39	mg/L		1		E200.7	04/27/09 18:04 / rdw
Sulfate	98	mg/L		1		E300.0	04/30/09 02:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	362	umhos/cm		1		A2510 B	04/24/09 11:59 / dd
pH	9.00	s.u.		0.01		A4500-H B	04/24/09 11:59 / dd
Solids, Total Dissolved TDS @ 180 C	240	mg/L		10		A2540 C	04/24/09 14:44 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 22:43 / ts
Arsenic	0.008	mg/L		0.001		E200.8	05/01/09 22:43 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:04 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 16:59 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 22:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 22:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 22:43 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:04 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 22:43 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 22:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 22:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 22:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 22:43 / ts
Selenium	0.029	mg/L		0.001		E200.8	05/01/09 22:43 / ts
Uranium	0.262	mg/L		0.0003		E200.8	05/01/09 22:43 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:04 / rdw
Zinc	0.16	mg/L		0.01		E200.8	05/01/09 22:43 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:16 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:16 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-003
Client Sample ID: MO-106

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	217	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha precision (±)	5.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha MDC	1.0	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta	81.9	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Radium 226	2.2	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 precision (±)	0.36	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 226 MDC	0.25	pCi/L				E903.0	05/13/09 22:18 / trs
Radium 228	1.5	pCi/L	U			RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	2.0	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.128	%				Calculation	05/01/09 10:49 / kbh
Anions	3.62	meq/L				Calculation	05/01/09 10:49 / kbh
Cations	3.61	meq/L				Calculation	05/01/09 10:49 / kbh
Solids, Total Dissolved Calculated	224	mg/L				Calculation	05/01/09 10:49 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/01/09 10:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-004
Client Sample ID: MO-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	04/28/09 18:38 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 18:38 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	04/28/09 18:38 / ljl
Calcium	76	mg/L		1		E200.7	04/27/09 18:08 / rdw
Chloride	8	mg/L		1		E300.0	04/30/09 02:47 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:28 / ljl
Magnesium	4	mg/L		1		E200.7	04/27/09 18:08 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.72	mg/L		0.05		E353.2	04/27/09 11:57 / eli-b
Potassium	4	mg/L		1		E200.7	04/27/09 18:08 / rdw
Silica	14.5	mg/L		0.2		E200.7	05/04/09 17:04 / rdw
Sodium	35	mg/L		1		E200.7	04/27/09 18:08 / rdw
Sulfate	171	mg/L		1		E300.0	04/30/09 02:47 / ljl
PHYSICAL PROPERTIES							
Conductivity	596	umhos/cm		1		A2510 B	04/24/09 12:01 / dd
pH	7.79	s.u.		0.01		A4500-H B	04/24/09 12:01 / dd
Solids, Total Dissolved TDS @ 180 C	394	mg/L		10		A2540 C	04/24/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 22:50 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/01/09 22:50 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:08 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:04 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 22:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 22:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 22:50 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:08 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 22:50 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 22:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 22:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 22:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 22:50 / ts
Selenium	0.043	mg/L		0.001		E200.8	05/01/09 22:50 / ts
Uranium	0.718	mg/L		0.0003		E200.8	05/01/09 22:50 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:08 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/01/09 22:50 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:20 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:20 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-004
Client Sample ID: MO-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	682	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha precision (±)	10.8	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta	197	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta precision (±)	3.8	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:16 / cgr
Radium 226	3.1	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 precision (±)	0.34	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 228	2.3	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.79	%				Calculation	05/01/09 10:49 / kbh
Anions	6.02	meq/L				Calculation	05/01/09 10:49 / kbh
Cations	5.69	meq/L				Calculation	05/01/09 10:49 / kbh
Solids, Total Dissolved Calculated	366	mg/L				Calculation	05/01/09 10:49 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/01/09 10:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-005
Client Sample ID: MP-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	93	mg/L		1		A2320 B	04/28/09 18:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 18:45 / ljl
Bicarbonate as HCO3	114	mg/L		1		A2320 B	04/28/09 18:45 / ljl
Calcium	78	mg/L		1		E200.7	04/27/09 18:21 / rdw
Chloride	9	mg/L		1		E300.0	04/30/09 03:03 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:31 / ljl
Magnesium	4	mg/L		1		E200.7	04/27/09 18:21 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:12 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 18:21 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/04/09 17:09 / rdw
Sodium	38	mg/L		1		E200.7	04/27/09 18:21 / rdw
Sulfate	186	mg/L		1		E300.0	04/30/09 03:03 / ljl
PHYSICAL PROPERTIES							
Conductivity	604	umhos/cm		1		A2510 B	04/24/09 12:02 / dd
pH	8.45	s.u.		0.01		A4500-H B	04/24/09 12:02 / dd
Solids, Total Dissolved TDS @ 180 C	398	mg/L		10		A2540 C	04/24/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:24 / ts
Arsenic	0.006	mg/L		0.001		E200.8	05/01/09 23:24 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:21 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:09 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:24 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:24 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:24 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:21 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/01/09 23:24 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 23:24 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:24 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:24 / ts
Selenium	ND	mg/L		0.001		E200.8	05/01/09 23:24 / ts
Uranium	0.176	mg/L		0.0003		E200.8	05/01/09 23:24 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:21 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/01/09 23:24 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:24 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:24 / cp
Thorium 232	ND	mg/L		0.001		E200.8	05/14/09 02:21 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-005
Client Sample ID: MP-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	860	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha precision (±)	11.8	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta	324	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta precision (±)	4.7	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:16 / cgr
Radium 226	381	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 precision (±)	3.6	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 228	6.5	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.0148	%				Calculation	05/01/09 10:50 / kbh
Anions	6.01	meq/L				Calculation	05/01/09 10:50 / kbh
Cations	6.01	meq/L				Calculation	05/01/09 10:50 / kbh
Solids, Total Dissolved Calculated	376	mg/L				Calculation	05/01/09 10:50 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/01/09 10:50 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-006
Client Sample ID: MU-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	72	mg/L		1		A2320 B	04/28/09 18:52 / ljl
Carbonate as CO3	3	mg/L		1		A2320 B	04/28/09 18:52 / ljl
Bicarbonate as HCO3	83	mg/L		1		A2320 B	04/28/09 18:52 / ljl
Calcium	53	mg/L		1		E200.7	04/27/09 18:26 / rdw
Chloride	6	mg/L		1		E300.0	04/30/09 03:18 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:33 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 18:26 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 11:59 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 18:26 / rdw
Silica	13.8	mg/L		0.2		E200.7	05/04/09 17:14 / rdw
Sodium	40	mg/L		1		E200.7	04/27/09 18:26 / rdw
Sulfate	146	mg/L		1		E300.0	04/30/09 03:18 / ljl
PHYSICAL PROPERTIES							
Conductivity	470	umhos/cm		1		A2510 B	04/24/09 12:04 / dd
pH	8.55	s.u.		0.01		A4500-H B	04/24/09 12:04 / dd
Solids, Total Dissolved TDS @ 180 C	318	mg/L		10		A2540 C	04/24/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:31 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/01/09 23:31 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:26 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:14 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:31 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:31 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:31 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:26 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 23:31 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 23:31 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:31 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:31 / ts
Selenium	ND	mg/L		0.001		E200.8	05/01/09 23:31 / ts
Uranium	0.0561	mg/L		0.0003		E200.8	05/01/09 23:31 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:26 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/01/09 23:31 / ts
METALS - TOTAL							
Iron	1.17	mg/L	D	0.04		E200.7	05/11/09 17:37 / cp
Manganese	0.01	mg/L		0.01		E200.7	05/11/09 17:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-006
Client Sample ID: MU-104

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	128	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha precision (±)	4.4	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta	46.0	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:16 / cgr
Radium 226	16	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 precision (±)	0.72	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/13/09 23:57 / trs
Radium 228	2.1	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/07/09 10:27 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/07/09 10:27 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.599	%				Calculation	05/01/09 10:50 / kbh
Anions	4.66	meq/L				Calculation	05/01/09 10:50 / kbh
Cations	4.61	meq/L				Calculation	05/01/09 10:50 / kbh
Solids, Total Dissolved Calculated	293	mg/L				Calculation	05/01/09 10:50 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	05/01/09 10:50 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-007
Client Sample ID: MP-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	127	mg/L		1		A2320 B	04/28/09 18:59 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 18:59 / ljl
Bicarbonate as HCO3	155	mg/L		1		A2320 B	04/28/09 18:59 / ljl
Calcium	48	mg/L		1		E200.7	04/27/09 18:30 / rdw
Chloride	6	mg/L		1		E300.0	04/30/09 04:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:46 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 18:30 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	04/27/09 11:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.06	mg/L		0.05		E353.2	04/27/09 12:00 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 18:30 / rdw
Silica	14.0	mg/L		0.2		E200.7	05/04/09 17:29 / rdw
Sodium	64	mg/L		1		E200.7	04/27/09 18:30 / rdw
Sulfate	145	mg/L		1		E300.0	04/30/09 04:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	571	umhos/cm		1		A2510 B	04/24/09 12:06 / dd
pH	7.92	s.u.		0.01		A4500-H B	04/24/09 12:06 / dd
Solids, Total Dissolved TDS @ 180 C	361	mg/L		10		A2540 C	04/24/09 14:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:37 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/01/09 23:37 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:30 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:29 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:37 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:37 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:37 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:30 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/01/09 23:37 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/01/09 23:37 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:37 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:37 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:37 / ts
Selenium	0.015	mg/L		0.001		E200.8	05/01/09 23:37 / ts
Uranium	0.121	mg/L		0.0003		E200.8	05/01/09 23:37 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:30 / rdw
Zinc	0.05	mg/L		0.01		E200.8	05/01/09 23:37 / ts
METALS - TOTAL							
Iron	2.47	mg/L		0.03		E200.7	05/11/09 17:45 / cp
Manganese	0.06	mg/L		0.01		E200.7	05/11/09 17:45 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-007
Client Sample ID: MP-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	160	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha precision (±)	5.2	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta	45.8	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/15/09 19:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:16 / cgr
Radium 226	6.0	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.41	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	0.5	pCi/L	U			RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.87	%				Calculation	05/01/09 10:51 / kbh
Anions	5.74	meq/L				Calculation	05/01/09 10:51 / kbh
Cations	5.42	meq/L				Calculation	05/01/09 10:51 / kbh
Solids, Total Dissolved Calculated	344	mg/L				Calculation	05/01/09 10:51 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/01/09 10:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-008
Client Sample ID: MU-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	87	mg/L		1		A2320 B	04/28/09 19:06 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 19:06 / ljl
Bicarbonate as HCO3	106	mg/L		1		A2320 B	04/28/09 19:06 / ljl
Calcium	52	mg/L		1		E200.7	04/27/09 18:35 / rdw
Chloride	4	mg/L		1		E300.0	04/30/09 04:20 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 12:48 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 18:35 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:04 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 18:35 / rdw
Silica	13.3	mg/L		0.2		E200.7	05/04/09 17:49 / rdw
Sodium	34	mg/L		1		E200.7	04/27/09 18:35 / rdw
Sulfate	114	mg/L		1		E300.0	04/30/09 04:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	425	umhos/cm		1		A2510 B	04/24/09 12:08 / dd
pH	8.25	s.u.		0.01		A4500-H B	04/24/09 12:08 / dd
Solids, Total Dissolved TDS @ 180 C	276	mg/L		10		A2540 C	04/24/09 14:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:44 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/01/09 23:44 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:35 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:49 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:44 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:44 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:44 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:35 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 23:44 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 23:44 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:44 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:44 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:44 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/01/09 23:44 / ts
Uranium	0.0184	mg/L		0.0003		E200.8	05/22/09 23:28 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:35 / rdw
Zinc	ND	mg/L	D	0.03		E200.7	05/22/09 13:38 / cp
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:40 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:40 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-008
Client Sample ID: MU-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	52.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta	19.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	05/15/09 19:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/15/09 19:17 / cgr
Radium 226	7.6	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.46	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	4.4	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	0.723	%				Calculation	05/01/09 10:52 / kbh
Anions	4.25	meq/L				Calculation	05/01/09 10:52 / kbh
Cations	4.31	meq/L				Calculation	05/01/09 10:52 / kbh
Solids, Total Dissolved Calculated	261	mg/L				Calculation	05/01/09 10:52 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/01/09 10:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-009
Client Sample ID: MO-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	04/28/09 19:14 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 19:14 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	04/28/09 19:14 / ljl
Calcium	52	mg/L		1		E200.7	04/27/09 18:39 / rdw
Chloride	5	mg/L		1		E300.0	04/30/09 04:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 12:52 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 18:39 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:06 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 18:39 / rdw
Silica	13.1	mg/L		0.2		E200.7	05/04/09 17:54 / rdw
Sodium	33	mg/L		1		E200.7	04/27/09 18:39 / rdw
Sulfate	115	mg/L		1		E300.0	04/30/09 04:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	458	umhos/cm		1		A2510 B	04/24/09 12:09 / dd
pH	8.01	s.u.		0.01		A4500-H B	04/24/09 12:09 / dd
Solids, Total Dissolved TDS @ 180 C	298	mg/L		10		A2540 C	04/24/09 14:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:51 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/01/09 23:51 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:39 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:54 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:51 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:51 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:51 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:39 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 23:51 / ts
Manganese	ND	mg/L		0.01		E200.8	05/01/09 23:51 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:51 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:51 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/01/09 23:51 / ts
Uranium	0.430	mg/L		0.0003		E200.8	05/01/09 23:51 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:39 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/01/09 23:51 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/11/09 17:49 / cp
Manganese	0.01	mg/L		0.01		E200.7	05/11/09 17:49 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-009
Client Sample ID: MO-107

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	383	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha precision (±)	7.6	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta	124	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 09:00 / cgr
Radium 226	8.1	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.48	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.09	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	1.6	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.74	%				Calculation	05/01/09 10:52 / kbh
Anions	4.63	meq/L				Calculation	05/01/09 10:52 / kbh
Cations	4.30	meq/L				Calculation	05/01/09 10:52 / kbh
Solids, Total Dissolved Calculated	273	mg/L				Calculation	05/01/09 10:52 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	05/01/09 10:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-010
Client Sample ID: MP-108

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	04/28/09 19:21 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 19:21 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	04/28/09 19:21 / ljl
Calcium	63	mg/L		1		E200.7	04/27/09 18:43 / rdw
Chloride	5	mg/L		1		E300.0	04/30/09 04:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 13:00 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 18:43 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:07 / eli-b
Potassium	2	mg/L		1		E200.7	04/27/09 18:43 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/04/09 17:59 / rdw
Sodium	32	mg/L		1		E200.7	04/27/09 18:43 / rdw
Sulfate	141	mg/L		1		E300.0	04/30/09 04:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	523	umhos/cm		1		A2510 B	04/24/09 12:11 / dd
pH	7.93	s.u.		0.01		A4500-H B	04/24/09 12:11 / dd
Solids, Total Dissolved TDS @ 180 C	347	mg/L		10		A2540 C	04/24/09 14:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/01/09 23:58 / ts
Arsenic	0.008	mg/L		0.001		E200.8	05/01/09 23:58 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 18:43 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 17:59 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/01/09 23:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/01/09 23:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/01/09 23:58 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 18:43 / rdw
Lead	ND	mg/L		0.001		E200.8	05/01/09 23:58 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/01/09 23:58 / ts
Mercury	ND	mg/L		0.001		E200.8	05/01/09 23:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/01/09 23:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/01/09 23:58 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/01/09 23:58 / ts
Uranium	0.155	mg/L		0.0003		E200.8	05/01/09 23:58 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 18:43 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/01/09 23:58 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:44 / cp
Manganese	0.02	mg/L		0.01		E200.7	05/06/09 18:44 / cp
Thorium 232	ND	mg/L		0.001		E200.8	05/14/09 02:27 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-010
Client Sample ID: MP-108

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	265	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta	128	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta precision (±)	3.2	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 09:00 / cgr
Radium 226	66	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	1.4	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.09	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	1.5	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.13	%				Calculation	05/01/09 10:58 / kbh
Anions	5.31	meq/L				Calculation	05/01/09 10:58 / kbh
Cations	4.89	meq/L				Calculation	05/01/09 10:58 / kbh
Solids, Total Dissolved Calculated	314	mg/L				Calculation	05/01/09 10:58 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	05/01/09 10:58 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-011
Client Sample ID: MO-108

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	04/28/09 19:28 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 19:28 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	04/28/09 19:28 / ljl
Calcium	57	mg/L		1		E200.7	04/27/09 19:01 / rdw
Chloride	5	mg/L		1		E300.0	04/30/09 05:06 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 13:02 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 19:01 / rdw
Nitrogen, Ammonia as N	0.50	mg/L		0.05		E350.1	04/27/09 11:48 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:08 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 19:01 / rdw
Silica	13.9	mg/L		0.2		E200.7	05/04/09 18:05 / rdw
Sodium	34	mg/L		1		E200.7	04/27/09 19:01 / rdw
Sulfate	120	mg/L		1		E300.0	04/30/09 05:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	480	umhos/cm		1		A2510 B	04/24/09 12:13 / dd
pH	7.99	s.u.		0.01		A4500-H B	04/24/09 12:13 / dd
Solids, Total Dissolved TDS @ 180 C	316	mg/L		10		A2540 C	04/24/09 14:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 00:18 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/02/09 00:18 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:01 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:05 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 00:18 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 00:18 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 00:18 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:01 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 00:18 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 00:18 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 00:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 00:18 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 00:18 / ts
Selenium	0.003	mg/L		0.001		E200.8	05/02/09 00:18 / ts
Uranium	0.506	mg/L		0.0003		E200.8	05/02/09 00:18 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:01 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/02/09 00:18 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:48 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:48 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-011
Client Sample ID: MO-108

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	402	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha precision (±)	7.9	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta	137	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 09:00 / cgr
Radium 226	8.7	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.50	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.09	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	2.0	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.93	%				Calculation	05/01/09 10:59 / kbh
Anions	4.85	meq/L				Calculation	05/01/09 10:59 / kbh
Cations	4.67	meq/L				Calculation	05/01/09 10:59 / kbh
Solids, Total Dissolved Calculated	288	mg/L				Calculation	05/01/09 10:59 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	05/01/09 10:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-012
Client Sample ID: MU-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	48	mg/L		1		A2320 B	04/28/09 19:50 / ljl
Carbonate as CO3	14	mg/L		1		A2320 B	04/28/09 19:50 / ljl
Bicarbonate as HCO3	30	mg/L	B	1		A2320 B	04/28/09 19:50 / ljl
Calcium	22	mg/L		1		E200.7	04/27/09 19:05 / rdw
Chloride	10	mg/L		1		E300.0	04/30/09 05:52 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 13:05 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 19:05 / rdw
Nitrogen, Ammonia as N	0.12	mg/L		0.05		E350.1	04/27/09 11:52 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:15 / eli-b
Potassium	20	mg/L		1		E200.7	04/27/09 19:05 / rdw
Silica	10.3	mg/L		0.2		E200.7	05/04/09 18:10 / rdw
Sodium	42	mg/L		1		E200.7	04/27/09 19:05 / rdw
Sulfate	105	mg/L		1		E300.0	04/30/09 05:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	395	umhos/cm		1		A2510 B	04/24/09 12:16 / dd
pH	9.77	s.u.		0.01		A4500-H B	04/24/09 12:16 / dd
Solids, Total Dissolved TDS @ 180 C	252	mg/L		10		A2540 C	04/24/09 16:03 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 00:52 / ts
Arsenic	0.019	mg/L		0.001		E200.8	05/02/09 00:52 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:05 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:10 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 00:52 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 00:52 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 00:52 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:05 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 00:52 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 00:52 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 00:52 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 00:52 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 00:52 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 00:52 / ts
Uranium	0.0211	mg/L		0.0003		E200.8	05/02/09 00:52 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:05 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/02/09 00:52 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.04		E200.7	05/11/09 17:53 / cp
Manganese	ND	mg/L		0.01		E200.7	05/11/09 17:53 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-012
Client Sample ID: MU-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	36.1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha MDC	1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta	28.8	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/16/09 09:00 / cgr
Radium 226	2.0	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.24	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	1.9	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	0.0544	%				Calculation	05/01/09 10:59 / kbh
Anions	3.43	meq/L				Calculation	05/01/09 10:59 / kbh
Cations	3.44	meq/L				Calculation	05/01/09 10:59 / kbh
Solids, Total Dissolved Calculated	228	mg/L				Calculation	05/01/09 10:59 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	05/01/09 10:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-013
Client Sample ID: MO-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	100	mg/L		1		A2320 B	04/28/09 20:21 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 20:21 / ljl
Bicarbonate as HCO3	123	mg/L		1		A2320 B	04/28/09 20:21 / ljl
Calcium	55	mg/L		1		E200.7	04/27/09 19:09 / rdw
Chloride	8	mg/L		1		E300.0	04/30/09 06:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 13:08 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 19:09 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	04/27/09 13:32 / eli-b
Potassium	5	mg/L		1		E200.7	04/27/09 19:09 / rdw
Silica	14.1	mg/L		0.2		E200.7	05/04/09 18:15 / rdw
Sodium	33	mg/L		1		E200.7	04/27/09 19:09 / rdw
Sulfate	120	mg/L		1		E300.0	04/30/09 06:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	479	umhos/cm		1		A2510 B	04/24/09 13:55 / dd
pH	7.65	s.u.		0.01		A4500-H B	04/24/09 13:55 / dd
Solids, Total Dissolved TDS @ 180 C	310	mg/L		10		A2540 C	04/24/09 16:03 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 00:59 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/02/09 00:59 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:09 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:15 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 00:59 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 00:59 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 00:59 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:09 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 00:59 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 00:59 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 00:59 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 00:59 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 00:59 / ts
Selenium	0.025	mg/L		0.001		E200.8	05/02/09 00:59 / ts
Uranium	0.378	mg/L		0.0003		E200.8	05/02/09 00:59 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:09 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/02/09 00:59 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:52 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:52 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-013
Client Sample ID: MO-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	371	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha precision (±)	7.5	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta	116	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 08:59 / cgr
Radium 226	4.0	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.32	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	2.5	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.04	%				Calculation	05/01/09 11:00 / kbh
Anions	4.76	meq/L				Calculation	05/01/09 11:00 / kbh
Cations	4.57	meq/L				Calculation	05/01/09 11:00 / kbh
Solids, Total Dissolved Calculated	286	mg/L				Calculation	05/01/09 11:00 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/01/09 11:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-014
Client Sample ID: MP-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	300	mg/L		1		A2320 B	04/28/09 20:29 / ljl
Carbonate as CO3	30	mg/L		1		A2320 B	04/28/09 20:29 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	04/28/09 20:29 / ljl
Calcium	103	mg/L		1		E200.7	04/27/09 19:18 / rdw
Chloride	44	mg/L		1		E300.0	04/30/09 06:23 / ljl
Fluoride	0.4	mg/L		0.1		A4500-F C	04/28/09 13:12 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 19:18 / rdw
Nitrogen, Ammonia as N	0.88	mg/L		0.05		E350.1	04/27/09 11:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:33 / eli-b
Potassium	43	mg/L		1		E200.7	04/27/09 19:18 / rdw
Silica	6.4	mg/L	D	0.3		E200.7	05/04/09 18:20 / rdw
Sodium	62	mg/L		1		E200.7	04/27/09 19:18 / rdw
Sulfate	66	mg/L		1		E300.0	04/30/09 06:23 / ljl
PHYSICAL PROPERTIES							
Conductivity	1870	umhos/cm		1		A2510 B	04/24/09 13:57 / dd
pH	12.0	s.u.		0.01		A4500-H B	04/24/09 13:57 / dd
Solids, Total Dissolved TDS @ 180 C	565	mg/L		10		A2540 C	04/24/09 16:04 / rp
METALS - DISSOLVED							
Aluminum	1.3	mg/L		0.1		E200.8	05/02/09 01:05 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/02/09 01:05 / ts
Barium	0.2	mg/L		0.1		E200.7	04/27/09 19:18 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:20 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 01:05 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 01:05 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 01:05 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:18 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/02/09 01:05 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 01:05 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 01:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 01:05 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 01:05 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 01:05 / ts
Uranium	0.0156	mg/L		0.0003		E200.8	05/02/09 01:05 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:18 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/02/09 01:05 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/11/09 17:57 / cp
Manganese	ND	mg/L		0.01		E200.7	05/11/09 17:57 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-014
Client Sample ID: MP-109

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	106	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha MDC	2.7	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta	78.4	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta precision (±)	5.1	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta MDC	6.4	pCi/L				E900.0	05/16/09 08:59 / cgr
Radium 226	31	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.88	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	2.8	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	1.76	%				Calculation	05/01/09 11:03 / kbh
Anions	8.65	meq/L				Calculation	05/01/09 11:03 / kbh
Cations	8.96	meq/L				Calculation	05/01/09 11:03 / kbh
Solids, Total Dissolved Calculated	498	mg/L				Calculation	05/01/09 11:03 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	05/01/09 11:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-015
Client Sample ID: MP-113

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	101	mg/L		1		A2320 B	04/28/09 20:37 / ljl
Carbonate as CO3	9	mg/L		1		A2320 B	04/28/09 20:37 / ljl
Bicarbonate as HCO3	106	mg/L		1		A2320 B	04/28/09 20:37 / ljl
Calcium	66	mg/L		1		E200.7	04/27/09 19:31 / rdw
Chloride	20	mg/L		1		E300.0	04/30/09 06:39 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 13:15 / ljl
Magnesium	3	mg/L		1		E200.7	04/27/09 19:31 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	04/27/09 11:58 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:34 / eli-b
Potassium	7	mg/L		1		E200.7	04/27/09 19:31 / rdw
Silica	12.6	mg/L		0.2		E200.7	05/04/09 18:30 / rdw
Sodium	40	mg/L		1		E200.7	04/27/09 19:31 / rdw
Sulfate	143	mg/L		1		E300.0	04/30/09 06:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	567	umhos/cm		1		A2510 B	04/24/09 13:59 / dd
pH	8.95	s.u.		0.01		A4500-H B	04/24/09 13:59 / dd
Solids, Total Dissolved TDS @ 180 C	375	mg/L		10		A2540 C	04/24/09 16:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/07/09 12:47 / cp
Arsenic	0.006	mg/L	L	0.002		E200.8	05/06/09 13:39 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:31 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:30 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 13:39 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 13:39 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 13:39 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:31 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 13:39 / ts
Manganese	ND	mg/L		0.01		E200.7	05/01/09 20:11 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/06/09 13:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 13:39 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 13:39 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 13:39 / ts
Uranium	0.184	mg/L		0.0003		E200.8	05/06/09 13:39 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:31 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/06/09 13:39 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 18:56 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 18:56 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
L - Lowest available reporting limit for the analytical methoc used.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-015
Client Sample ID: MP-113

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1270	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha precision (±)	14.5	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta	466	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta precision (±)	5.5	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 08:59 / cgr
Radium 226	515	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	3.7	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	4.6	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.13	%				Calculation	05/01/09 11:07 / kbh
Anions	5.57	meq/L				Calculation	05/01/09 11:07 / kbh
Cations	5.45	meq/L				Calculation	05/01/09 11:07 / kbh
Solids, Total Dissolved Calculated	340	mg/L				Calculation	05/01/09 11:07 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	05/01/09 11:07 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-016
Client Sample ID: M-134

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	04/28/09 20:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 20:42 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	04/28/09 20:42 / ljl
Calcium	ND	mg/L		1		E200.7	04/27/09 19:35 / rdw
Chloride	ND	mg/L		1		E300.0	04/30/09 06:54 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/28/09 13:22 / ljl
Magnesium	ND	mg/L		1		E200.7	04/27/09 19:35 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 11:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:28 / eli-b
Potassium	ND	mg/L		1		E200.7	04/27/09 19:35 / rdw
Silica	ND	mg/L		0.2		E200.7	05/04/09 18:25 / rdw
Sodium	ND	mg/L		1		E200.7	04/27/09 19:35 / rdw
Sulfate	ND	mg/L		1		E300.0	04/30/09 06:54 / ljl
PHYSICAL PROPERTIES							
Conductivity	3	umhos/cm	B	1		A2510 B	04/24/09 14:04 / dd
pH	7.49	s.u.		0.01		A4500-H B	04/24/09 14:04 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	04/24/09 16:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 01:19 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/02/09 01:19 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:35 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 18:25 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 01:19 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 01:19 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 01:19 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:35 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 01:19 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 01:19 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 01:19 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 01:19 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 01:19 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 01:19 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/02/09 01:19 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:35 / rdw
Zinc	ND	mg/L		0.01		E200.8	05/02/09 01:19 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 19:00 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 19:00 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-016
Client Sample ID: M-134

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	2.2	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Alpha MDC	0.7	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta	-0.8	pCi/L	U			E900.0	05/16/09 08:59 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	05/16/09 08:59 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/16/09 08:59 / cgr
Radium 226	0.24	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 precision (±)	0.09	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 226 MDC	0.08	pCi/L				E903.0	05/13/09 23:50 / trs
Radium 228	-0.3	pCi/L	U			RA-05	05/08/09 12:57 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	05/08/09 12:57 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/08/09 12:57 / plj
DATA QUALITY							
A/C Balance (± 5)	-22.9	%				Calculation	05/01/09 13:11 / kbh
Anions	0.0389	meq/L				Calculation	05/01/09 13:11 / kbh
Cations	0.0244	meq/L				Calculation	05/01/09 13:11 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-017
Client Sample ID: M-133

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	87	mg/L		1		A2320 B	04/28/09 20:49 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 20:49 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	04/28/09 20:49 / ljl
Calcium	44	mg/L		1		E200.7	04/27/09 19:40 / rdw
Chloride	4	mg/L		1		E300.0	04/30/09 18:12 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 13:38 / ljl
Magnesium	2	mg/L		1		E200.7	04/27/09 19:40 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/27/09 12:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/27/09 13:02 / eli-b
Potassium	3	mg/L		1		E200.7	04/27/09 19:40 / rdw
Silica	14.3	mg/L		0.2		E200.7	05/04/09 19:00 / rdw
Sodium	35	mg/L		1		E200.7	04/27/09 19:40 / rdw
Sulfate	114	mg/L		1		E300.0	04/30/09 18:12 / ljl
PHYSICAL PROPERTIES							
Conductivity	424	umhos/cm		1		A2510 B	04/24/09 14:05 / dd
pH	8.28	s.u.		0.01		A4500-H B	04/24/09 14:05 / dd
Solids, Total Dissolved TDS @ 180 C	282	mg/L		10		A2540 C	04/24/09 16:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 01:26 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/02/09 01:26 / ts
Barium	ND	mg/L		0.1		E200.7	04/27/09 19:40 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:00 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 01:26 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 01:26 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 01:26 / ts
Iron	ND	mg/L		0.03		E200.7	04/27/09 19:40 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 01:26 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 01:26 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 01:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 01:26 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 01:26 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 01:26 / ts
Uranium	0.0186	mg/L		0.0003		E200.8	05/02/09 01:26 / ts
Vanadium	ND	mg/L		0.1		E200.7	04/27/09 19:40 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/02/09 01:26 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/06/09 19:13 / cp
Manganese	ND	mg/L		0.01		E200.7	05/06/09 19:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040800-017
Client Sample ID: M-133

Report Date: 06/14/09
Collection Date: 04/22/09
DateReceived: 04/23/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	51.0	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta	18.2	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/16/09 09:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/16/09 09:00 / cgr
Radium 226	7.2	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	0.51	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	5.6	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.56	%				Calculation	05/05/09 09:04 / kbh
Anions	4.24	meq/L				Calculation	05/05/09 09:04 / kbh
Cations	3.95	meq/L				Calculation	05/05/09 09:04 / kbh
Solids, Total Dissolved Calculated	273	mg/L				Calculation	05/05/09 09:04 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/05/09 09:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B									Batch: R117471
Sample ID: MBLK	Method Blank				Run: MANTECH_090428B				04/28/09 16:24
Alkalinity, Total as CaCO3	4	mg/L	0.2						
Carbonate as CO3	ND	mg/L	1						
Bicarbonate as HCO3	5	mg/L	1						
Sample ID: LCS1	Laboratory Control Sample				Run: MANTECH_090428B				04/28/09 16:39
Alkalinity, Total as CaCO3	210	mg/L	5.0	103	90	110			
Sample ID: LCS	Laboratory Control Sample				Run: MANTECH_090428B				04/28/09 16:46
Alkalinity, Total as CaCO3	53.3	mg/L	5.0	99	90	110			
Sample ID: C09040800-001AMS	Sample Matrix Spike				Run: MANTECH_090428B				04/28/09 18:00
Alkalinity, Total as CaCO3	235	mg/L	5.0	102	80	120			
Sample ID: C09040800-001AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090428B				04/28/09 18:07
Alkalinity, Total as CaCO3	237	mg/L	5.0	104	80	120	0.8	20	
Sample ID: C09040800-011AMS	Sample Matrix Spike				Run: MANTECH_090428B				04/28/09 19:35
Alkalinity, Total as CaCO3	236	mg/L	5.0	101	80	120			
Sample ID: C09040800-011AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090428B				04/28/09 19:43
Alkalinity, Total as CaCO3	239	mg/L	5.0	103	80	120	1.3	20	
Method: A2510 B									Analytical Run: ORION555A_090424A
Sample ID: ICV2_090424_1	Initial Calibration Verification Standard								04/24/09 11:03
Conductivity	1500	umhos/cm	1.0	106	90	110			
Method: A2510 B									Batch: 090424_1_PH-W_555A-1
Sample ID: MBLK1_090424_1	Method Blank				Run: ORION555A_090424A				04/24/09 11:00
Conductivity	0.5	umhos/cm	0.2						
Sample ID: C09040800-001ADUP	Sample Duplicate				Run: ORION555A_090424A				04/24/09 11:46
Conductivity	471	umhos/cm	1.0				0.2	10	
Sample ID: C09040800-011ADUP	Sample Duplicate				Run: ORION555A_090424A				04/24/09 12:15
Conductivity	480	umhos/cm	1.0				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B								Analytical Run: ORION555A_090424B	
Sample ID: ICV2_090424_2	Initial Calibration Verification Standard								04/24/09 13:53
Conductivity	1500	umhos/cm	1.0	106	90	110			
Method: A2510 B								Batch: 090424_2_PH-W_555A-1	
Sample ID: MBLK1_090424_2	Method Blank				Run: ORION555A_090424B				04/24/09 13:47
Conductivity	2	umhos/cm	0.2						
Sample ID: C09040827-010ADUP	Sample Duplicate				Run: ORION555A_090424B				04/24/09 15:03
Conductivity	521	umhos/cm	1.0				0	10	
Method: A2540 C								Batch: 090424_2_SLDS-TDS-W	
Sample ID: MBLK1_090424	Method Blank				Run: BAL-1_090424C				04/24/09 14:36
Solids, Total Dissolved TDS @ 180 C	ND	mg/L	6						
Sample ID: LCS1_090424	Laboratory Control Sample				Run: BAL-1_090424C				04/24/09 14:36
Solids, Total Dissolved TDS @ 180 C	998	mg/L	10	100	90	110			
Sample ID: C09040800-001AMS	Sample Matrix Spike				Run: BAL-1_090424C				04/24/09 14:43
Solids, Total Dissolved TDS @ 180 C	2100	mg/L	10	89	90	110			S
Sample ID: C09040800-001AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090424C				04/24/09 14:43
Solids, Total Dissolved TDS @ 180 C	2090	mg/L	10	88	90	110	0.5	10	S
Sample ID: C09040800-011AMS	Sample Matrix Spike				Run: BAL-1_090424C				04/24/09 16:03
Solids, Total Dissolved TDS @ 180 C	2120	mg/L	10	90	90	110			
Sample ID: C09040800-011AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090424C				04/24/09 16:03
Solids, Total Dissolved TDS @ 180 C	2090	mg/L	10	89	90	110	1.3	10	S
Sample ID: C09040824-002AMS	Sample Matrix Spike				Run: BAL-1_090424C				04/24/09 16:06
Solids, Total Dissolved TDS @ 180 C	2940	mg/L	10	88	90	110			S
Sample ID: C09040824-002AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090424C				04/24/09 16:06
Solids, Total Dissolved TDS @ 180 C	2900	mg/L	10	86	90	110	1.4	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C									Batch: R117468
Sample ID: MBLK-1	Method Blank				Run: MANTECH_090428A				04/28/09 10:20
Fluoride	ND	mg/L	0.05						
Sample ID: LCS-1	Laboratory Control Sample				Run: MANTECH_090428A				04/28/09 10:23
Fluoride	1.00	mg/L	0.10	100	90	110			
Sample ID: C09040799-001AMS	Sample Matrix Spike				Run: MANTECH_090428A				04/28/09 12:12
Fluoride	3.15	mg/L	0.10	91	80	120			
Sample ID: C09040799-001AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090428A				04/28/09 12:14
Fluoride	3.15	mg/L	0.10	91	80	120	0	10	
Sample ID: C09040800-009AMS	Sample Matrix Spike				Run: MANTECH_090428A				04/28/09 12:54
Fluoride	1.20	mg/L	0.10	100	80	120			
Sample ID: C09040800-009AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090428A				04/28/09 12:57
Fluoride	1.18	mg/L	0.10	98	80	120	1.7	10	
Sample ID: C09040800-017AMS	Sample Matrix Spike				Run: MANTECH_090428A				04/28/09 13:41
Fluoride	1.14	mg/L	0.10	100	80	120			
Sample ID: C09040800-017AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090428A				04/28/09 13:43
Fluoride	1.16	mg/L	0.10	102	80	120	1.7	10	
Method: A4500-H B									Analytical Run: ORION555A_090424A
Sample ID: ICV1_090424_1	Initial Calibration Verification Standard								04/24/09 11:01
pH	6.80	s.u.	0.010	99	98	102			
Method: A4500-H B									Batch: 090424_1_PH-W_555A-1
Sample ID: C09040800-001ADUP	Sample Duplicate				Run: ORION555A_090424A				04/24/09 11:46
pH	8.91	s.u.	0.010				0	10	
Sample ID: C09040800-011ADUP	Sample Duplicate				Run: ORION555A_090424A				04/24/09 12:15
pH	7.99	s.u.	0.010				0	10	
Method: A4500-H B									Analytical Run: ORION555A_090424B
Sample ID: ICV1_090424_2	Initial Calibration Verification Standard								04/24/09 13:49
pH	6.89	s.u.	0.010	100	98	102			
Method: A4500-H B									Batch: 090424_2_PH-W_555A-1
Sample ID: C09040827-010ADUP	Sample Duplicate				Run: ORION555A_090424B				04/24/09 15:03
pH	9.08	s.u.	0.010				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: 22179
Sample ID: MB-22179	Method Blank				Run: ICP2-C_090511A				05/11/09 17:29
Iron	ND	mg/L	0.03						
Manganese	ND	mg/L	0.007						
Sample ID: LCS3-22179	Laboratory Control Sample				Run: ICP2-C_090511A				05/11/09 17:33
Iron	2.49	mg/L	0.033	100	85	115			
Manganese	2.46	mg/L	0.010	99	85	115			
Sample ID: C09040926-001CMS3	Sample Matrix Spike				Run: ICP2-C_090511A				05/11/09 18:05
Iron	2.75	mg/L	0.066	103	70	130			
Manganese	2.57	mg/L	0.013	103	70	130			
Sample ID: C09040926-001CMSD3	Sample Matrix Spike Duplicate				Run: ICP2-C_090511A				05/11/09 18:09
Iron	2.71	mg/L	0.066	101	70	130	1.5	20	
Manganese	2.55	mg/L	0.013	102	70	130	0.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117416
Sample ID: LRB	Method Blank				Run: ICP3-C_090427A				04/27/09 13:00
Barium	ND	mg/L	0.003						
Calcium	ND	mg/L	0.2						
Iron	ND	mg/L	0.01						
Magnesium	ND	mg/L	0.2						
Potassium	0.06	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Vanadium	0.004	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090427A				04/27/09 13:04
Barium	1.13	mg/L	0.10	113	85	115			
Calcium	53.9	mg/L	0.50	108	85	115			
Iron	5.76	mg/L	0.030	115	85	115			
Magnesium	54.0	mg/L	0.50	108	85	115			
Potassium	53.3	mg/L	0.50	106	85	115			
Sodium	54.4	mg/L	0.50	109	85	115			
Vanadium	1.14	mg/L	0.10	114	85	115			
Sample ID: C09040800-004BMS	Sample Matrix Spike				Run: ICP3-C_090427A				04/27/09 18:13
Barium	0.479	mg/L	0.10	91	70	130			
Calcium	120	mg/L	1.0	87	70	130			
Iron	0.466	mg/L	0.030	91	70	130			
Magnesium	49.8	mg/L	1.0	90	70	130			
Potassium	50.6	mg/L	1.0	92	70	130			
Sodium	82.3	mg/L	1.0	93	70	130			
Vanadium	0.473	mg/L	0.10	93	70	130			
Sample ID: C09040800-004BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090427A				04/27/09 18:17
Barium	0.503	mg/L	0.10	95	70	130	4.7	20	
Calcium	124	mg/L	1.0	95	70	130	3.6	20	
Iron	0.492	mg/L	0.030	97	70	130	5.6	20	
Magnesium	53.2	mg/L	1.0	97	70	130	6.7	20	
Potassium	53.8	mg/L	1.0	99	70	130	6.1	20	
Sodium	86.3	mg/L	1.0	101	70	130	4.7	20	
Vanadium	0.501	mg/L	0.10	98	70	130	5.7	20	
Sample ID: C09040800-014BMS	Sample Matrix Spike				Run: ICP3-C_090427A				04/27/09 19:23
Barium	0.614	mg/L	0.10	89	70	130			
Calcium	142	mg/L	1.0	77	70	130			
Iron	0.465	mg/L	0.030	88	70	130			
Magnesium	44.3	mg/L	1.0	87	70	130			
Potassium	87.8	mg/L	1.0	88	70	130			
Sodium	107	mg/L	1.0	89	70	130			
Vanadium	0.472	mg/L	0.10	93	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7								Batch: R117416	
Sample ID: C09040800-014BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090427A			04/27/09 19:27	
Barium	0.680	mg/L	0.10	101	70	130	10	20	
Calcium	149	mg/L	1.0	90	70	130	4.5	20	
Iron	0.532	mg/L	0.030	101	70	130	13	20	
Magnesium	50.6	mg/L	1.0	99	70	130	13	20	
Potassium	93.7	mg/L	1.0	99	70	130	6.5	20	
Sodium	114	mg/L	1.0	102	70	130	5.9	20	
Vanadium	0.539	mg/L	0.10	106	70	130	13	20	
Method: E200.7								Batch: R117688	
Sample ID: LRB	Method Blank				Run: ICP3-C_090501A			05/01/09 15:19	
Manganese	ND	mg/L	0.003						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090501A			05/01/09 15:24	
Manganese	4.69	mg/L	0.010	94	85	115			
Sample ID: MB-21862	Method Blank				Run: ICP3-C_090501A			05/01/09 17:44	
Manganese	ND	mg/L	0.003						
Sample ID: C09040800-007BMS	Sample Matrix Spike				Run: ICP3-C_090501A			05/01/09 19:08	
Manganese	0.497	mg/L	0.010	91	70	130			
Sample ID: C09040800-007BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A			05/01/09 19:26	
Manganese	0.495	mg/L	0.010	90	70	130	0.4	20	
Sample ID: C09040800-017BMS	Sample Matrix Spike				Run: ICP3-C_090501A			05/01/09 20:38	
Manganese	0.451	mg/L	0.010	88	70	130			
Sample ID: C09040800-017BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A			05/01/09 20:42	
Manganese	0.459	mg/L	0.010	89	70	130	1.8	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117736
Sample ID: LRB	Method Blank				Run: ICP3-C_090504A				05/04/09 14:12
Boron	ND	mg/L	0.02						
Silicon	ND	mg/L	0.03						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090504A				05/04/09 14:17
Boron	0.960	mg/L	0.10	96	85	115			
Silicon	9.70	mg/L	0.032	97	85	115			
Sample ID: MB-22145	Method Blank				Run: ICP3-C_090504A				05/04/09 16:13
Boron	ND	mg/L	0.02						
Silicon	ND	mg/L	0.03						
Sample ID: C09040800-006BMS	Sample Matrix Spike				Run: ICP3-C_090504A				05/04/09 17:19
Boron	0.468	mg/L	0.10	92	70	130			
Silicon	7.34	mg/L	0.10		70	130			A
Sample ID: C09040800-006BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A				05/04/09 17:24
Boron	0.474	mg/L	0.10	93	70	130	1.3	20	
Silicon	7.29	mg/L	0.10		70	130	0.6	20	A
Sample ID: C09040800-015BMS	Sample Matrix Spike				Run: ICP3-C_090504A				05/04/09 18:35
Boron	0.465	mg/L	0.10	91	70	130			
Silicon	6.58	mg/L	0.10		70	130			A
Sample ID: C09040800-015BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A				05/04/09 18:55
Boron	0.480	mg/L	0.10	94	70	130	3.1	20	
Silicon	6.45	mg/L	0.10		70	130	2	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte		Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	**E200.7**									Batch: R117860
Sample ID:	**MB-090506A**	Method Blank				Run: ICP2-C_090506A				05/06/09 16:59
Iron		ND	mg/L	0.005						
Manganese		ND	mg/L	0.001						
Sample ID:	**LFB-090506A**	Laboratory Fortified Blank				Run: ICP2-C_090506A				05/06/09 17:03
Iron		0.996	mg/L	0.030	100	85	115			
Manganese		0.982	mg/L	0.010	98	85	115			
Sample ID:	**C09040800-001CMS2**	Sample Matrix Spike				Run: ICP2-C_090506A				05/06/09 18:00
Iron		1.97	mg/L	0.067	99	70	130			
Manganese		2.05	mg/L	0.014	103	70	130			
Sample ID:	**C09040800-001CMSD2**	Sample Matrix Spike Duplicate				Run: ICP2-C_090506A				05/06/09 18:04
Iron		1.96	mg/L	0.067	98	70	130	0.8	20	
Manganese		2.03	mg/L	0.014	102	70	130	0.9	20	
Sample ID:	**C09040800-016CMS2**	Sample Matrix Spike				Run: ICP2-C_090506A				05/06/09 19:04
Iron		1.99	mg/L	0.067	100	70	130			
Manganese		2.03	mg/L	0.014	102	70	130			
Sample ID:	**C09040800-016CMSD2**	Sample Matrix Spike Duplicate				Run: ICP2-C_090506A				05/06/09 19:09
Iron		2.02	mg/L	0.067	101	70	130	1.4	20	
Manganese		2.09	mg/L	0.014	105	70	130	2.9	20	
Method:	**E200.7**									Batch: R117920
Sample ID:	**MB-090507A**	Method Blank				Run: ICP2-C_090507A				05/07/09 11:30
Aluminum		ND	mg/L	0.01						
Sample ID:	**LFB-090507A**	Laboratory Fortified Blank				Run: ICP2-C_090507A				05/07/09 11:34
Aluminum		0.981	mg/L	0.10	98	85	115			
Sample ID:	**MB-22103**	Method Blank				Run: ICP2-C_090507A				05/07/09 12:27
Aluminum		ND	mg/L	0.06						
Sample ID:	**C09040674-022BMS2**	Sample Matrix Spike				Run: ICP2-C_090507A				05/07/09 12:35
Aluminum		1.86	mg/L	0.10	93	70	130			
Sample ID:	**C09040674-022BMSD2**	Sample Matrix Spike Duplicate				Run: ICP2-C_090507A				05/07/09 12:39
Aluminum		1.76	mg/L	0.10	88	70	130	5.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118569
Sample ID: MB-090522A	Method Blank				Run: ICP2-C_090522A				05/22/09 12:37
Zinc	ND	mg/L	0.01						
Sample ID: LFB-090522A	Laboratory Fortified Blank				Run: ICP2-C_090522A				05/22/09 12:41
Zinc	0.924	mg/L	0.010	92	85	115			
Sample ID: C09040800-008BMS2	Sample Matrix Spike				Run: ICP2-C_090522A				05/22/09 13:42
Zinc	1.90	mg/L	0.027	93	70	130			
Sample ID: C09040800-008BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090522A				05/22/09 13:46
Zinc	1.76	mg/L	0.027	86	70	130	7.7	20	
Sample ID: MB-22250	Method Blank				Run: ICP2-C_090522A				05/22/09 13:54
Zinc	ND	mg/L	0.03						
Sample ID: C09050599-006BMS2	Sample Matrix Spike				Run: ICP2-C_090522A				05/22/09 20:42
Zinc	4.40	mg/L	0.068	86	75	125			
Sample ID: C09050599-006BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090522A				05/22/09 20:46
Zinc	4.80	mg/L	0.068	94	75	125	8.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117678
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090501A				05/01/09 14:21
Aluminum	ND	mg/L	0.002						
Arsenic	ND	mg/L	0.0003						
Cadmium	ND	mg/L	6E-05						
Chromium	ND	mg/L	8E-05						
Copper	ND	mg/L	4E-05						
Lead	ND	mg/L	2E-05						
Manganese	ND	mg/L	5E-05						
Mercury	ND	mg/L	4E-05						
Molybdenum	ND	mg/L	4E-05						
Nickel	ND	mg/L	9E-05						
Selenium	ND	mg/L	0.001						
Uranium	ND	mg/L	8E-06						
Zinc	0.0008	mg/L	6E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090501A				05/01/09 14:28
Aluminum	0.0466	mg/L	0.0022	93	85	115			
Arsenic	0.0491	mg/L	0.0010	98	85	115			
Cadmium	0.0499	mg/L	0.0010	100	85	115			
Chromium	0.0492	mg/L	0.0010	98	85	115			
Copper	0.0494	mg/L	0.0010	99	85	115			
Lead	0.0494	mg/L	0.0010	99	85	115			
Manganese	0.0496	mg/L	0.0010	99	85	115			
Mercury	0.00504	mg/L	0.0010	101	85	115			
Molybdenum	0.0500	mg/L	0.0010	100	85	115			
Nickel	0.0492	mg/L	0.0010	98	85	115			
Selenium	0.0493	mg/L	0.0014	99	85	115			
Uranium	0.0483	mg/L	0.00030	97	85	115			
Zinc	0.0498	mg/L	0.0010	98	85	115			
Sample ID: C09040768-011BMS4	Sample Matrix Spike				Run: ICPMS2-C_090501A				05/01/09 22:03
Aluminum	0.222	mg/L	0.10	69	70	130			S
Arsenic	0.0511	mg/L	0.0010	99	70	130			
Cadmium	0.0485	mg/L	0.010	97	70	130			
Chromium	0.0474	mg/L	0.050	94	70	130			
Copper	0.0860	mg/L	0.010	92	70	130			
Lead	0.0570	mg/L	0.050	98	70	130			
Manganese	0.0481	mg/L	0.010	93	70	130			
Mercury	0.00486	mg/L	0.0010	97	70	130			
Molybdenum	0.0500	mg/L	0.10	99	70	130			
Nickel	0.0476	mg/L	0.050	91	70	130			
Selenium	0.0497	mg/L	0.0010	99	70	130			
Uranium	0.0497	mg/L	0.00030	99	70	130			
Zinc	0.195	mg/L	0.010	96	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Batch: R117678	
Sample ID: C09040768-011BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090501A			05/01/09 22:09	
Aluminum	0.218	mg/L	0.10	61	70	130	1.9	20	S
Arsenic	0.0508	mg/L	0.0010	98	70	130	0.7	20	
Cadmium	0.0485	mg/L	0.010	97	70	130	0.1	20	
Chromium	0.0473	mg/L	0.050	94	70	130		20	
Copper	0.0849	mg/L	0.010	90	70	130	1.3	20	
Lead	0.0567	mg/L	0.050	97	70	130	0.6	20	
Manganese	0.0479	mg/L	0.010	93	70	130	0.5	20	
Mercury	0.00482	mg/L	0.0010	96	70	130	0.9	20	
Molybdenum	0.0502	mg/L	0.10	99	70	130		20	
Nickel	0.0477	mg/L	0.050	91	70	130		20	
Selenium	0.0491	mg/L	0.0010	98	70	130	1.3	20	
Uranium	0.0498	mg/L	0.00030	99	70	130	0.1	20	
Zinc	0.194	mg/L	0.010	95	70	130	0.4	20	
Sample ID: C09040800-010BMS4	Sample Matrix Spike				Run: ICPMS2-C_090501A			05/02/09 00:04	
Aluminum	0.0525	mg/L	0.10	97	70	130			
Arsenic	0.0568	mg/L	0.0010	98	70	130			
Cadmium	0.0484	mg/L	0.010	97	70	130			
Chromium	0.0454	mg/L	0.050	91	70	130			
Copper	0.0463	mg/L	0.010	92	70	130			
Lead	0.0488	mg/L	0.050	97	70	130			
Manganese	0.0612	mg/L	0.010	91	70	130			
Mercury	0.00492	mg/L	0.0010	98	70	130			
Molybdenum	0.0499	mg/L	0.10	98	70	130			
Nickel	0.0475	mg/L	0.050	92	70	130			
Selenium	0.0541	mg/L	0.0010	98	70	130			
Uranium	0.203	mg/L	0.00030	95	70	130			
Zinc	0.0540	mg/L	0.010	90	70	130			
Sample ID: C09040800-010BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090501A			05/02/09 00:11	
Aluminum	0.0523	mg/L	0.10	97	70	130		20	
Arsenic	0.0570	mg/L	0.0010	98	70	130	0.4	20	
Cadmium	0.0486	mg/L	0.010	97	70	130	0.5	20	
Chromium	0.0462	mg/L	0.050	92	70	130		20	
Copper	0.0467	mg/L	0.010	93	70	130	1	20	
Lead	0.0489	mg/L	0.050	98	70	130		20	
Manganese	0.0619	mg/L	0.010	92	70	130	1.1	20	
Mercury	0.00493	mg/L	0.0010	99	70	130	0.1	20	
Molybdenum	0.0502	mg/L	0.10	99	70	130		20	
Nickel	0.0481	mg/L	0.050	93	70	130		20	
Selenium	0.0546	mg/L	0.0010	98	70	130	0.8	20	
Uranium	0.205	mg/L	0.00030	100	70	130	1.1	20	
Zinc	0.0548	mg/L	0.010	91	70	130	1.3	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090506A				05/06/09 12:45
Arsenic	ND	mg/L	0.0003						
Cadmium	ND	mg/L	6E-05						
Chromium	ND	mg/L	8E-05						
Copper	0.0003	mg/L	4E-05						
Lead	ND	mg/L	2E-05						
Mercury	ND	mg/L	4E-05						
Molybdenum	ND	mg/L	4E-05						
Nickel	ND	mg/L	9E-05						
Selenium	ND	mg/L	0.001						
Uranium	ND	mg/L	8E-06						
Zinc	0.004	mg/L	6E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090506A				05/06/09 12:51
Arsenic	0.0501	mg/L	0.0010	100	85	115			
Cadmium	0.0514	mg/L	0.0010	103	85	115			
Chromium	0.0501	mg/L	0.0010	100	85	115			
Copper	0.0505	mg/L	0.0010	100	85	115			
Lead	0.0502	mg/L	0.0010	100	85	115			
Mercury	0.00511	mg/L	0.0010	102	85	115			
Molybdenum	0.0508	mg/L	0.0010	102	85	115			
Nickel	0.0501	mg/L	0.0010	100	85	115			
Selenium	0.0515	mg/L	0.0014	103	85	115			
Uranium	0.0502	mg/L	0.00030	100	85	115			
Zinc	0.0518	mg/L	0.0010	96	85	115			
Sample ID: C09050051-001AMS4	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 14:53
Arsenic	0.0887	mg/L	0.0010	101	70	130			
Cadmium	0.0456	mg/L	0.010	91	70	130			
Chromium	0.0522	mg/L	0.050	91	70	130			
Copper	0.171	mg/L	0.010	96	70	130			
Lead	0.0541	mg/L	0.050	103	70	130			
Mercury	0.00515	mg/L	0.0010	102	70	130			
Molybdenum	0.962	mg/L	0.10		70	130			A
Nickel	0.0681	mg/L	0.050	95	70	130			
Selenium	0.142	mg/L	0.0010	92	70	130			
Uranium	5.01	mg/L	0.00030		70	130			A
Zinc	0.180	mg/L	0.010	95	70	130			
Sample ID: C09050051-001AMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 15:00
Arsenic	0.0876	mg/L	0.0010	99	70	130	1.2	20	
Cadmium	0.0457	mg/L	0.010	91	70	130	0.2	20	
Chromium	0.0521	mg/L	0.050	91	70	130	0.2	20	
Copper	0.167	mg/L	0.010	88	70	130	2.1	20	
Lead	0.0545	mg/L	0.050	103	70	130	0.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871
Sample ID: C09050051-001AMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A			05/06/09 15:00	
Mercury	0.00521	mg/L	0.0010	103	70	130	1.2	20	
Molybdenum	0.946	mg/L	0.10		70	130	1.7	20	A
Nickel	0.0666	mg/L	0.050	92	70	130	2.2	20	
Selenium	0.141	mg/L	0.0010	89	70	130	0.9	20	
Uranium	4.99	mg/L	0.00030		70	130	0.3	20	A
Zinc	0.177	mg/L	0.010	89	70	130	1.7	20	
Sample ID: C09040950-001BMS	Sample Matrix Spike				Run: ICPMS2-C_090506A			05/07/09 01:11	
Uranium	0.0505	mg/L	0.0010	101	70	130			
Sample ID: C09040950-001BMSD	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A			05/07/09 01:18	
Uranium	0.0502	mg/L	0.0010	100	70	130	0.6	20	
Method: E200.8									Batch: R118149
Sample ID: C09040827-011CMS4	Sample Matrix Spike				Run: ICPMS2-C_090513A			05/14/09 02:48	
Thorium 232	0.0497	mg/L	0.0010	99	70	130			
Sample ID: C09040827-011CMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090513A			05/14/09 02:54	
Thorium 232	0.0501	mg/L	0.0010	100	70	130	0.9	20	
Sample ID: MB-22286	Method Blank				Run: ICPMS2-C_090513A			05/14/09 12:27	
Thorium 232	ND	mg/L	6E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090513A			05/14/09 18:31	
Thorium 232	0.0479	mg/L	0.0010	96	85	115			
Method: E200.8									Batch: R118566
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090522B			05/22/09 12:35	
Uranium	ND	mg/L	8E-06						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090522B			05/22/09 12:42	
Uranium	0.0483	mg/L	0.00030	97	85	115			
Sample ID: C09050645-001BMS4	Sample Matrix Spike				Run: ICPMS2-C_090522B			05/23/09 06:35	
Uranium	0.974	mg/L	0.00030		70	130			A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R117551
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090429A				04/29/09 16:16
Chloride	9.57	mg/L	1.0	96	90	110			
Sulfate	38.3	mg/L	1.0	96	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090429A				04/29/09 16:31
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09040800-001AMS	Sample Matrix Spike				Run: IC1-C_090429A				04/30/09 01:46
Chloride	24.6	mg/L	1.0	103	90	110			
Sulfate	200	mg/L	1.0	104	90	110			
Sample ID: C09040800-001AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090429A				04/30/09 02:01
Chloride	24.4	mg/L	1.0	102	90	110	0.7	20	
Sulfate	197	mg/L	1.0	101	90	110	1	20	
Sample ID: C09040800-011AMS	Sample Matrix Spike				Run: IC1-C_090429A				04/30/09 05:22
Chloride	25.5	mg/L	1.0	104	90	110			
Sulfate	200	mg/L	1.0	102	90	110			
Sample ID: C09040800-011AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090429A				04/30/09 05:37
Chloride	25.9	mg/L	1.0	106	90	110	1.6	20	
Sulfate	202	mg/L	1.0	104	90	110	0.9	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R117690
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090430A				04/30/09 15:38
Chloride	9.62	mg/L	1.0	96	90	110			
Sulfate	38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090430A				04/30/09 15:54
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09040800-017AMS	Sample Matrix Spike				Run: IC1-C_090430A				04/30/09 18:28
Chloride	24.3	mg/L	1.0	102	90	110			
Sulfate	194	mg/L	1.0	102	90	110			
Sample ID: C09040800-017AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090430A				04/30/09 18:43
Chloride	24.8	mg/L	1.0	105	90	110	2.1	20	
Sulfate	194	mg/L	1.0	103	90	110	0.2	20	
Sample ID: C09040827-001AMS	Sample Matrix Spike				Run: IC1-C_090430A				05/01/09 00:22
Chloride	25.7	mg/L	1.0	104	90	110			
Sulfate	241	mg/L	1.0	97	90	110			
Sample ID: C09040827-001AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090430A				05/01/09 00:38
Chloride	26.2	mg/L	1.0	106	90	110	1.9	20	
Sulfate	242	mg/L	1.0	99	90	110	0.5	20	
Sample ID: C09040827-011AMS	Sample Matrix Spike				Run: IC1-C_090430A				05/01/09 03:58
Chloride	26.8	mg/L	1.0	106	90	110			
Sulfate	247	mg/L	1.0	102	90	110			
Sample ID: C09040827-011AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090430A				05/01/09 04:13
Chloride	27.3	mg/L	1.0	108	90	110	2	20	
Sulfate	249	mg/L	1.0	104	90	110	0.5	20	
Method: E350.1									Batch: B_R128448
Sample ID: MBLK	Method Blank				Run: SUB-B128448				04/27/09 09:20
Nitrogen, Ammonia as N	ND	mg/L	0.02						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B128448				04/27/09 09:21
Nitrogen, Ammonia as N	1.00	mg/L	0.10	102	90	110			
Sample ID: C09040768-007G	Sample Matrix Spike				Run: SUB-B128448				04/27/09 11:24
Nitrogen, Ammonia as N	0.950	mg/L	0.050	95	90	110			
Sample ID: C09040768-007G	Sample Matrix Spike Duplicate				Run: SUB-B128448				04/27/09 11:26
Nitrogen, Ammonia as N	0.936	mg/L	0.050	94	90	110	1.5	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Batch: B_R128455
Sample ID: MBLK	Method Blank				Run: SUB-B128455				04/27/09 11:07
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B128455				04/27/09 11:09
Nitrogen, Nitrate+Nitrite as N	0.983	mg/L	0.050	100	90	110			
Sample ID: C09040768-008G	Sample Matrix Spike				Run: SUB-B128455				04/27/09 12:56
Nitrogen, Nitrate+Nitrite as N	0.986	mg/L	0.050	101	90	110			
Sample ID: C09040768-008G	Sample Matrix Spike Duplicate				Run: SUB-B128455				04/27/09 12:57
Nitrogen, Nitrate+Nitrite as N	0.989	mg/L	0.050	101	90	110	0.3	10	
Sample ID: C09040738-004D	Sample Matrix Spike				Run: SUB-B128455				04/27/09 11:48
Nitrogen, Nitrate+Nitrite as N	1.03	mg/L	0.050	103	90	110			
Sample ID: C09040738-004D	Sample Matrix Spike Duplicate				Run: SUB-B128455				04/27/09 11:49
Nitrogen, Nitrate+Nitrite as N	1.01	mg/L	0.050	102	90	110	1.7	10	
Sample ID: C09040800-005E	Sample Matrix Spike				Run: SUB-B128455				04/27/09 13:13
Nitrogen, Nitrate+Nitrite as N	0.997	mg/L	0.050	102	90	110			
Sample ID: C09040800-005E	Sample Matrix Spike Duplicate				Run: SUB-B128455				04/27/09 13:14
Nitrogen, Nitrate+Nitrite as N	0.987	mg/L	0.050	101	90	110	1	10	
Sample ID: C09040800-016E	Sample Matrix Spike				Run: SUB-B128455				04/27/09 13:29
Nitrogen, Nitrate+Nitrite as N	0.997	mg/L	0.050	101	90	110			
Sample ID: C09040800-016E	Sample Matrix Spike Duplicate				Run: SUB-B128455				04/27/09 13:31
Nitrogen, Nitrate+Nitrite as N	1.00	mg/L	0.050	101	90	110	0.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0644
Sample ID: MB-GrAB-0644	Method Blank				Run: TENNELEC-3_090507A				05/15/09 19:16
Gross Alpha	3	pCi/L							
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.4	pCi/L							
Gross Beta	-0.7	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0644	Laboratory Control Sample				Run: TENNELEC-3_090507A				05/15/09 19:17
Gross Alpha	140	pCi/L		102	70	130			
Sample ID: C09040800-008DMS	Sample Matrix Spike				Run: TENNELEC-3_090507A				05/15/09 19:17
Gross Alpha	149	pCi/L		71	70	130			
Sample ID: C09040800-008DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090507A				05/15/09 19:17
Gross Alpha	141	pCi/L		64	70	130	6	16.3	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.									
Sample ID: C09040800-008DMS	Sample Matrix Spike				Run: TENNELEC-3_090507A				05/15/09 19:17
Gross Beta	106	pCi/L		94	70	130			
Sample ID: C09040800-008DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090507A				05/16/09 09:00
Gross Beta	121	pCi/L		110	70	130	13	15.3	
Sample ID: C09040800-012DDUP	Sample Duplicate				Run: TENNELEC-3_090507A				05/16/09 09:00
Gross Alpha	39.0	pCi/L					7.7	22.3	
Gross Alpha precision (±)	2.37	pCi/L							
Gross Alpha MDC	1.00	pCi/L							
Gross Beta	28.5	pCi/L					0.9	24	
Gross Beta precision (±)	2.00	pCi/L							
Gross Beta MDC	2.55	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3623
Sample ID: C09040800-001DMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090428B				05/13/09 22:18
Radium 226	280	pCi/L		230	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.									
Sample ID: C09040800-001DMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090428B				05/13/09 22:18
Radium 226	290	pCi/L		275	70	130	2.5	13.2	S
Sample ID: MB-RA226-3623	Method Blank				Run: BERTHOLD 770-1_090428B				05/13/09 23:57
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.08	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3623	Laboratory Control Sample				Run: BERTHOLD 770-1_090428B				05/13/09 23:57
Radium 226	7.2	pCi/L		92	70	130			
Method: E903.0									Batch: RA226-3624
Sample ID: C09040800-007DMS	Sample Matrix Spike				Run: G5000W_090428D				05/13/09 23:50
Radium 226	21	pCi/L		98	70	130			
Sample ID: C09040800-007DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090428D				05/13/09 23:50
Radium 226	22	pCi/L		99	70	130	1.1	20.2	
Sample ID: MB-RA226-3624	Method Blank				Run: G5000W_090428D				05/13/09 23:50
Radium 226	0.3	pCi/L							
Radium 226 precision (±)	0.10	pCi/L							
Radium 226 MDC	0.08	pCi/L							
Sample ID: LCS-RA226-3624	Laboratory Control Sample				Run: G5000W_090428D				05/13/09 23:50
Radium 226	8.1	pCi/L		100	70	130			
Method: E903.0									Batch: RA226-3626
Sample ID: C09040800-017DMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090430A				05/14/09 08:58
Radium 226	24	pCi/L		106	70	130			
Sample ID: C09040800-017DMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090430A				05/14/09 08:58
Radium 226	23	pCi/L		102	70	130	2.5	20.8	
Sample ID: MB-RA226-3626	Method Blank				Run: BERTHOLD 770-1_090430A				05/14/09 11:03
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.07	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3626	Laboratory Control Sample				Run: BERTHOLD 770-1_090430A				05/14/09 11:03
Radium 226	7.7	pCi/L		98	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/14/09
Work Order: C09040800

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: 22148
Sample ID: LCS-228-RA226-3624	Laboratory Control Sample				Run: TENNELEC-3_090428E				05/08/09 12:57
Radium 228	7.50	pCi/L		85	70	130			
Sample ID: MB-RA226-3624	Method Blank				Run: TENNELEC-3_090428E				05/08/09 12:57
Radium 228	0.05	pCi/L							U
Radium 228 precision (±)	0.6	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09040800-016DMS	Sample Matrix Spike				Run: TENNELEC-3_090428E				05/08/09 12:57
Radium 228	17.1	pCi/L		99	70	130			
Sample ID: C09040800-016DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090428E				05/08/09 12:57
Radium 228	16.8	pCi/L		98	70	130	1.8	34.6	
Method: RA-05									Batch: R117961
Sample ID: LCS-228-RA226-3623	Laboratory Control Sample				Run: TENNELEC-3_090428B				05/07/09 10:27
Radium 228	9.82	pCi/L		114	70	130			
Sample ID: MB-RA226-3623	Method Blank				Run: TENNELEC-3_090428B				05/07/09 10:27
Radium 228	-0.2	pCi/L							U
Radium 228 precision (±)	0.8	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09040800-006DMS	Sample Matrix Spike				Run: TENNELEC-3_090428B				05/07/09 10:27
Radium 228	19.7	pCi/L		100	70	130			
Sample ID: C09040800-006DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090428B				05/07/09 10:27
Radium 228	15.4	pCi/L		76	70	130	24	33.7	
Method: RA-05									Batch: R117968
Sample ID: LCS-228-RA226-3626	Laboratory Control Sample				Run: TENNELEC-3_090430B				05/08/09 15:16
Radium 228	7.97	pCi/L		94	70	130			
Sample ID: MB-RA226-3626	Method Blank				Run: TENNELEC-3_090430B				05/08/09 15:16
Radium 228	-0.3	pCi/L							U
Radium 228 precision (±)	0.8	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09040800-017DMS	Sample Matrix Spike				Run: TENNELEC-3_090430B				05/08/09 15:17
Radium 228	23.5	pCi/L		102	70	130			
Sample ID: C09040800-017DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090430B				05/08/09 15:17
Radium 228	24.7	pCi/L		110	70	130	5.4	30.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Ur-Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609.	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address: Same	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
Ureenergy - Excel Sheet.

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED: Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments: C09040880

Shipped by: Hand
Cooler ID(s):
Receipt Temp 9 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

LABORATORY USE ONLY

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MU-106 #44	4-22-09		W-2gals
2	MP-106 #45			
3	MO-106 #46			
4	MO-104 #47			
5	MP-104 #48			
6	MU-104 #49			
7	MP-107 #50			
8	MU-107 #51			
9	MP-107 #52			
10	MP-108 #53			

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
[illegible]	4-22-09 7:33 pm		Ahmad Jodeh	4/23/09 8:30	
Ahmad Jodeh	4/23/09 9:50				

Received by Laboratory: [illegible] Date/Time: 4/23/09 954 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR-ENERGY	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT(Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Gross Alpha

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments: C090410800

Shipped by: Hand
Cooler ID(s):
Receipt Temp 9 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MO-108 #54	4-22-09		W-2gals
2	MU-109 #55			
3	MO-109 #56			
4	MP109 #57			
5	MP113 #58			
6	M-134 #59			
7	M-~~134~~ M-133 #60			
8				
9				
10				

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
[illegible]	4-22-09 7:33pm		Ahmad Jaleh	4/23/09 8:30	
Ahmad Jaleh	4/23/09 9:50				

Received by Laboratory: [illegible] Date/Time: 4/23/09 954 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09040800

UR Energy USA Inc

Login completed by: Kimberly Humiston

Date and Time Received: 4/23/2009 9:54 AM

Reviewed by:

Received by: ckw

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	9°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09040800

Date: *14-Jun-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

June 17, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09040827 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 4/24/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09040827-001	MP-103	04/23/09 00:00	04/24/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09040827-002	MO-103	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-003	MU-103	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-004	MP-105	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-005	MO-105	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-006	MU-105	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-007	KPW-2	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-008	M-135	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-009	MO-101	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-010	MU-101	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-011	MP-101	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-012	MU-102	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-013	MP-102	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-014	MO-102	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-015	M-136	04/23/09 00:00	04/24/09	Aqueous	Same As Above
C09040827-016	MP-140	04/23/09 00:00	04/24/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-001
Client Sample ID: MP-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	04/28/09 23:21 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 23:21 / ljl
Bicarbonate as HCO3	135	mg/L		1		A2320 B	04/28/09 23:21 / ljl
Calcium	73	mg/L		1		E200.7	05/01/09 20:51 / rdw
Chloride	5	mg/L		1		E300.0	05/01/09 00:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:31 / ljl
Magnesium	4	mg/L		1		E200.7	05/01/09 20:51 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:16 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 12:52 / eli-b
Potassium	2	mg/L		1		E200.7	05/01/09 20:51 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/04/09 19:10 / rdw
Sodium	32	mg/L		1		E200.7	05/01/09 20:51 / rdw
Sulfate	164	mg/L		1		E300.0	05/01/09 00:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	572	umhos/cm		1		A2510 B	04/24/09 14:46 / dd
pH	7.83	s.u.		0.01		A4500-H B	04/24/09 14:46 / dd
Solids, Total Dissolved TDS @ 180 C	375	mg/L		10		A2540 C	04/24/09 16:09 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 03:21 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/02/09 03:21 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 03:21 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:10 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 03:21 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 03:21 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 03:21 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 20:51 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 03:21 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 03:21 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 03:21 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 03:21 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 03:21 / ts
Selenium	0.002	mg/L		0.001		E200.8	05/02/09 03:21 / ts
Uranium	0.0640	mg/L		0.0003		E200.8	05/02/09 03:21 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 03:21 / ts
Zinc	ND	mg/L		0.01		E200.8	05/02/09 03:21 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 16:46 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-001
Client Sample ID: MP-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	237	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	92.2	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	91	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	1.7	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	2.1	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:17 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.78	%				Calculation	05/06/09 12:39 / kbh
Anions	5.79	meq/L				Calculation	05/06/09 12:39 / kbh
Cations	5.37	meq/L				Calculation	05/06/09 12:39 / kbh
Solids, Total Dissolved Calculated	365	mg/L				Calculation	05/06/09 12:39 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/06/09 12:39 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-002
Client Sample ID: MO-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	04/28/09 23:43 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/28/09 23:43 / ljl
Bicarbonate as HCO3	141	mg/L		1		A2320 B	04/28/09 23:43 / ljl
Calcium	74	mg/L		1		E200.7	05/01/09 20:56 / rdw
Chloride	6	mg/L		1		E300.0	05/11/09 18:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:39 / ljl
Magnesium	4	mg/L		1		E200.7	05/01/09 20:56 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:18 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.09	mg/L		0.05		E353.2	04/29/09 12:54 / eli-b
Potassium	2	mg/L		1		E200.7	05/01/09 20:56 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/04/09 19:20 / rdw
Sodium	30	mg/L		1		E200.7	05/01/09 20:56 / rdw
Sulfate	177	mg/L		1		E300.0	05/11/09 18:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	593	umhos/cm		1		A2510 B	04/24/09 14:48 / dd
pH	7.81	s.u.		0.01		A4500-H B	04/24/09 14:48 / dd
Solids, Total Dissolved TDS @ 180 C	389	mg/L		10		A2540 C	04/24/09 16:09 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/01/09 20:56 / rdw
Arsenic	ND	mg/L		0.001		E200.8	05/05/09 14:17 / ts
Barium	ND	mg/L		0.1		E200.7	05/01/09 20:56 / rdw
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:20 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/05/09 14:17 / ts
Chromium	ND	mg/L		0.05		E200.8	05/05/09 14:17 / ts
Copper	ND	mg/L		0.01		E200.8	05/05/09 14:17 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 20:56 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/05/09 14:17 / ts
Manganese	ND	mg/L		0.01		E200.7	05/01/09 20:56 / rdw
Mercury	ND	mg/L		0.001		E200.8	06/15/09 12:01 / sml
Molybdenum	ND	mg/L		0.1		E200.8	05/05/09 14:17 / ts
Nickel	ND	mg/L		0.05		E200.8	05/05/09 14:17 / ts
Selenium	0.013	mg/L		0.001		E200.8	05/05/09 14:17 / ts
Uranium	0.469	mg/L		0.0003		E200.8	05/05/09 14:17 / ts
Vanadium	ND	mg/L		0.1		E200.7	05/01/09 20:56 / rdw
Zinc	0.02	mg/L		0.01		E200.8	05/05/09 14:17 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 16:51 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-002
Client Sample ID: MO-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	505	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	115	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	4.1	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	0.39	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	3.0	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.86	%				Calculation	05/13/09 08:12 / kbh
Anions	6.05	meq/L				Calculation	05/13/09 08:12 / kbh
Cations	5.38	meq/L				Calculation	05/13/09 08:12 / kbh
Solids, Total Dissolved Calculated	375	mg/L				Calculation	05/13/09 08:12 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/13/09 08:12 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-003
Client Sample ID: MU-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	77	mg/L		1		A2320 B	04/29/09 00:14 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	04/29/09 00:14 / ljl
Bicarbonate as HCO3	85	mg/L		1		A2320 B	04/29/09 00:14 / ljl
Calcium	40	mg/L		1		E200.7	05/01/09 21:00 / rdw
Chloride	4	mg/L		1		E300.0	05/01/09 01:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:42 / ljl
Magnesium	1	mg/L		1		E200.7	05/01/09 21:00 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:21 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 12:55 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 21:00 / rdw
Silica	14.3	mg/L		0.2		E200.7	05/04/09 19:26 / rdw
Sodium	26	mg/L		1		E200.7	05/01/09 21:00 / rdw
Sulfate	90	mg/L		1		E300.0	05/01/09 01:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	358	umhos/cm		1		A2510 B	04/24/09 14:49 / dd
pH	8.84	s.u.		0.01		A4500-H B	04/24/09 14:49 / dd
Solids, Total Dissolved TDS @ 180 C	244	mg/L		10		A2540 C	04/24/09 16:09 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 03:49 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/02/09 03:49 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 03:49 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:26 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 03:49 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 03:49 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 03:49 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:00 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 03:49 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 03:49 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 03:49 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 03:49 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 03:49 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 03:49 / ts
Uranium	0.0104	mg/L		0.0003		E200.8	05/02/09 03:49 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 03:49 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/02/09 03:49 / ts
METALS - TOTAL							
Iron	3.91	mg/L		0.03		E200.7	05/09/09 00:28 / rdw
Manganese	0.04	mg/L	D	0.02		E200.7	05/09/09 00:28 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-003
Client Sample ID: MU-103

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	19.0	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	1.8	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	5.7	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	1.4	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	0.24	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	1.6	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.74	%				Calculation	05/06/09 12:41 / kbh
Anions	3.54	meq/L				Calculation	05/06/09 12:41 / kbh
Cations	3.29	meq/L				Calculation	05/06/09 12:41 / kbh
Solids, Total Dissolved Calculated	228	mg/L				Calculation	05/06/09 12:41 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/06/09 12:41 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-004
Client Sample ID: MP-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	71	mg/L		1		A2320 B	04/29/09 00:22 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 00:22 / ljl
Bicarbonate as HCO3	85	mg/L		1		A2320 B	04/29/09 00:22 / ljl
Calcium	48	mg/L		1		E200.7	05/01/09 21:04 / rdw
Chloride	5	mg/L		1		E300.0	05/01/09 01:24 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 14:45 / ljl
Magnesium	2	mg/L		1		E200.7	05/01/09 21:04 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:02 / eli-b
Potassium	8	mg/L		1		E200.7	05/01/09 21:04 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/04/09 19:31 / rdw
Sodium	32	mg/L		1		E200.7	05/01/09 21:04 / rdw
Sulfate	137	mg/L		1		E300.0	05/01/09 01:24 / ljl
PHYSICAL PROPERTIES							
Conductivity	472	umhos/cm		1		A2510 B	04/24/09 14:51 / dd
pH	8.97	s.u.		0.01		A4500-H B	04/24/09 14:51 / dd
Solids, Total Dissolved TDS @ 180 C	309	mg/L		10		A2540 C	04/24/09 16:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 03:55 / ts
Arsenic	0.019	mg/L		0.001		E200.8	05/02/09 03:55 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 03:55 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:31 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 03:55 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 03:55 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 03:55 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:04 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 03:55 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 03:55 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 03:55 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 03:55 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 03:55 / ts
Selenium	0.009	mg/L		0.001		E200.8	05/02/09 03:55 / ts
Uranium	0.444	mg/L		0.0003		E200.8	05/02/09 03:55 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 03:55 / ts
Zinc	0.03	mg/L		0.01		E200.8	05/02/09 03:55 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 16:56 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:17 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-004
Client Sample ID: MP-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	823	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha precision (±)	11.4	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta	303	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta precision (±)	4.8	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:45 / cgr
Radium 226	227	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	2.8	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	2.6	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.68	%				Calculation	05/06/09 12:42 / kbh
Anions	4.42	meq/L				Calculation	05/06/09 12:42 / kbh
Cations	4.11	meq/L				Calculation	05/06/09 12:42 / kbh
Solids, Total Dissolved Calculated	291	mg/L				Calculation	05/06/09 12:42 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/06/09 12:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-005
Client Sample ID: MO-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	04/29/09 00:29 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 00:29 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	04/29/09 00:29 / ljl
Calcium	57	mg/L		1		E200.7	05/01/09 21:09 / rdw
Chloride	5	mg/L		1		E300.0	05/01/09 01:39 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:47 / ljl
Magnesium	3	mg/L		1		E200.7	05/01/09 21:09 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.12	mg/L		0.05		E353.2	04/29/09 13:03 / eli-b
Potassium	2	mg/L		1		E200.7	05/01/09 21:09 / rdw
Silica	14.2	mg/L		0.2		E200.7	05/04/09 19:36 / rdw
Sodium	31	mg/L		1		E200.7	05/01/09 21:09 / rdw
Sulfate	124	mg/L		1		E300.0	05/01/09 01:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	481	umhos/cm		1		A2510 B	04/24/09 14:53 / dd
pH	7.94	s.u.		0.01		A4500-H B	04/24/09 14:53 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	04/24/09 16:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 04:02 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/02/09 04:02 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 04:02 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:36 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 04:02 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 04:02 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 04:02 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:09 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/02/09 04:02 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 04:02 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 04:02 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 04:02 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 04:02 / ts
Selenium	0.013	mg/L		0.001		E200.8	05/02/09 04:02 / ts
Uranium	0.327	mg/L		0.0003		E200.8	05/02/09 04:02 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 04:02 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/02/09 04:02 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:17 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-005
Client Sample ID: MO-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	249	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha precision (±)	6.2	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta	78.3	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:45 / cgr
Radium 226	2.5	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	1.5	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:16 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/08/09 15:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.92	%				Calculation	05/06/09 12:42 / kbh
Anions	4.85	meq/L				Calculation	05/06/09 12:42 / kbh
Cations	4.49	meq/L				Calculation	05/06/09 12:42 / kbh
Solids, Total Dissolved Calculated	304	mg/L				Calculation	05/06/09 12:42 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/06/09 12:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-006
Client Sample ID: MU-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	93	mg/L		1		A2320 B	04/29/09 00:37 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	04/29/09 00:37 / ljl
Bicarbonate as HCO3	100	mg/L		1		A2320 B	04/29/09 00:37 / ljl
Calcium	45	mg/L		1		E200.7	05/01/09 21:27 / rdw
Chloride	4	mg/L		1		E300.0	05/01/09 01:55 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:50 / ljl
Magnesium	2	mg/L		1		E200.7	05/01/09 21:27 / rdw
Nitrogen, Ammonia as N	0.05	mg/L		0.05		E350.1	04/30/09 14:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:04 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 21:27 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/04/09 19:41 / rdw
Sodium	31	mg/L		1		E200.7	05/01/09 21:27 / rdw
Sulfate	93	mg/L		1		E300.0	05/01/09 01:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	392	umhos/cm		1		A2510 B	04/24/09 14:54 / dd
pH	8.86	s.u.		0.01		A4500-H B	04/24/09 14:54 / dd
Solids, Total Dissolved TDS @ 180 C	263	mg/L		10		A2540 C	04/24/09 16:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 04:36 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/02/09 04:36 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 04:36 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 19:41 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 04:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 04:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 04:36 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:27 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 04:36 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 04:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 04:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 04:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 04:36 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 04:36 / ts
Uranium	0.0306	mg/L		0.0003		E200.8	05/02/09 04:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 04:36 / ts
Zinc	ND	mg/L		0.01		E200.8	05/02/09 04:36 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:22 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:25 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-006
Client Sample ID: MU-105

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	131	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha precision (±)	4.4	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta	48.3	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:45 / cgr
Radium 226	64	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 precision (±)	1.4	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 08:58 / trs
Radium 228	3.7	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/08/09 15:17 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.53	%				Calculation	05/06/09 12:42 / kbh
Anions	3.93	meq/L				Calculation	05/06/09 12:42 / kbh
Cations	3.81	meq/L				Calculation	05/06/09 12:42 / kbh
Solids, Total Dissolved Calculated	252	mg/L				Calculation	05/06/09 12:42 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/06/09 12:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-007
Client Sample ID: KPW-2

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	93	mg/L		1		A2320 B	04/29/09 00:44 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	04/29/09 00:44 / ljl
Bicarbonate as HCO3	110	mg/L		1		A2320 B	04/29/09 00:44 / ljl
Calcium	48	mg/L		1		E200.7	05/01/09 21:31 / rdw
Chloride	6	mg/L		1		E300.0	05/01/09 02:10 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 14:53 / ljl
Magnesium	2	mg/L		1		E200.7	05/01/09 21:31 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	04/30/09 14:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:06 / eli-b
Potassium	4	mg/L		1		E200.7	05/01/09 21:31 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/04/09 20:01 / rdw
Sodium	32	mg/L		1		E200.7	05/01/09 21:31 / rdw
Sulfate	110	mg/L		1		E300.0	05/01/09 02:10 / ljl
PHYSICAL PROPERTIES							
Conductivity	438	umhos/cm		1		A2510 B	04/24/09 14:56 / dd
pH	8.19	s.u.		0.01		A4500-H B	04/24/09 14:56 / dd
Solids, Total Dissolved TDS @ 180 C	281	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 04:43 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/02/09 04:43 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 04:43 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:01 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 04:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 04:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 04:43 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:31 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/02/09 04:43 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 04:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 04:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 04:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 04:43 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 04:43 / ts
Uranium	0.0151	mg/L		0.0003		E200.8	05/02/09 04:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 04:43 / ts
Zinc	0.04	mg/L		0.01		E200.8	05/02/09 04:43 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:32 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:29 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-007
Client Sample ID: KPW-2

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	39.0	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha precision (±)	2.5	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta	17.3	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/12/09 03:45 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:45 / cgr
Radium 226	4.6	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 precision (±)	0.40	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 228	4.9	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:17 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.16	%				Calculation	05/06/09 12:43 / kbh
Anions	4.31	meq/L				Calculation	05/06/09 12:43 / kbh
Cations	4.05	meq/L				Calculation	05/06/09 12:43 / kbh
Solids, Total Dissolved Calculated	276	mg/L				Calculation	05/06/09 12:43 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/06/09 12:43 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-008
Client Sample ID: M-135

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	70	mg/L		1		A2320 B	04/29/09 00:51 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	04/29/09 00:51 / ljl
Bicarbonate as HCO3	84	mg/L		1		A2320 B	04/29/09 00:51 / ljl
Calcium	49	mg/L		1		E200.7	05/01/09 21:35 / rdw
Chloride	5	mg/L		1		E300.0	05/01/09 02:26 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 15:08 / ljl
Magnesium	2	mg/L		1		E200.7	05/01/09 21:35 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:07 / eli-b
Potassium	8	mg/L		1		E200.7	05/01/09 21:35 / rdw
Silica	13.4	mg/L		0.2		E200.7	05/04/09 20:06 / rdw
Sodium	33	mg/L		1		E200.7	05/01/09 21:35 / rdw
Sulfate	136	mg/L		1		E300.0	05/01/09 02:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	474	umhos/cm		1		A2510 B	04/24/09 14:58 / dd
pH	8.97	s.u.		0.01		A4500-H B	04/24/09 14:58 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 04:50 / ts
Arsenic	0.019	mg/L		0.001		E200.8	05/02/09 04:50 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 04:50 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:06 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 04:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 04:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 04:50 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:35 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 04:50 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 04:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 04:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 04:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 04:50 / ts
Selenium	0.009	mg/L		0.001		E200.8	05/02/09 04:50 / ts
Uranium	0.451	mg/L		0.0003		E200.8	05/02/09 04:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 04:50 / ts
Zinc	0.06	mg/L		0.01		E200.8	05/02/09 04:50 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:37 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:33 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-008
Client Sample ID: M-135

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	785	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	11.1	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	283	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	4.6	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	219	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 precision (±)	2.7	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 MDC	0.15	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 228	3.1	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/08/09 15:17 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.11	%				Calculation	05/06/09 12:43 / kbh
Anions	4.39	meq/L				Calculation	05/06/09 12:43 / kbh
Cations	4.21	meq/L				Calculation	05/06/09 12:43 / kbh
Solids, Total Dissolved Calculated	292	mg/L				Calculation	05/06/09 12:43 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/06/09 12:43 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-009
Client Sample ID: MO-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	04/29/09 00:59 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 00:59 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	04/29/09 00:59 / ljl
Calcium	82	mg/L		1		E200.7	05/01/09 21:40 / rdw
Chloride	7	mg/L		1		E300.0	05/11/09 18:23 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 15:11 / ljl
Magnesium	4	mg/L		1		E200.7	05/01/09 21:40 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:31 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:08 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 21:40 / rdw
Silica	14.1	mg/L		0.2		E200.7	05/04/09 20:22 / rdw
Sodium	31	mg/L		1		E200.7	05/01/09 21:40 / rdw
Sulfate	196	mg/L		1		E300.0	05/11/09 18:23 / ljl
PHYSICAL PROPERTIES							
Conductivity	652	umhos/cm		1		A2510 B	04/24/09 15:00 / dd
pH	7.89	s.u.		0.01		A4500-H B	04/24/09 15:00 / dd
Solids, Total Dissolved TDS @ 180 C	428	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 04:56 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/02/09 04:56 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 04:56 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:22 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 04:56 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 04:56 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 04:56 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:40 / rdw
Lead	0.003	mg/L		0.001		E200.8	05/02/09 04:56 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/02/09 04:56 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 04:56 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 04:56 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 04:56 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/02/09 04:56 / ts
Uranium	0.385	mg/L		0.0003		E200.8	05/02/09 04:56 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 04:56 / ts
Zinc	0.05	mg/L		0.01		E200.8	05/02/09 04:56 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:42 / rdw
Manganese	0.01	mg/L		0.01		E200.7	05/06/09 20:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-009
Client Sample ID: MO-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	424	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	8.8	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	95.7	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	4.3	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 precision (±)	0.40	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/14/09 11:03 / trs
Radium 228	3.1	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/08/09 15:17 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/08/09 15:17 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.23	%				Calculation	05/13/09 08:16 / kbh
Anions	6.54	meq/L				Calculation	05/13/09 08:16 / kbh
Cations	5.89	meq/L				Calculation	05/13/09 08:16 / kbh
Solids, Total Dissolved Calculated	409	mg/L				Calculation	05/13/09 08:16 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/13/09 08:16 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-010
Client Sample ID: MU-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	89	mg/L		1		A2320 B	04/29/09 01:06 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	04/29/09 01:06 / ljl
Bicarbonate as HCO3	98	mg/L		1		A2320 B	04/29/09 01:06 / ljl
Calcium	54	mg/L		1		E200.7	05/01/09 21:57 / rdw
Chloride	5	mg/L		1		E300.0	05/01/09 03:27 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 15:14 / ljl
Magnesium	1	mg/L		1		E200.7	05/01/09 21:57 / rdw
Nitrogen, Ammonia as N	0.11	mg/L		0.05		E350.1	04/30/09 14:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:09 / eli-b
Potassium	15	mg/L		1		E200.7	05/01/09 21:57 / rdw
Silica	14.9	mg/L		0.2		E200.7	05/04/09 20:28 / rdw
Sodium	31	mg/L		1		E200.7	05/01/09 21:57 / rdw
Sulfate	143	mg/L		1		E300.0	05/01/09 03:27 / ljl
PHYSICAL PROPERTIES							
Conductivity	521	umhos/cm		1		A2510 B	04/24/09 15:01 / dd
pH	9.08	s.u.		0.01		A4500-H B	04/24/09 15:01 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 05:03 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/02/09 05:03 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 05:03 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:28 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 05:03 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 05:03 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 05:03 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 21:57 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 05:03 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 05:03 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 05:03 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 05:03 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 05:03 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 05:03 / ts
Uranium	0.0091	mg/L		0.0003		E200.8	05/02/09 05:03 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 05:03 / ts
Zinc	0.03	mg/L		0.01		E200.8	05/02/09 05:03 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 17:47 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 20:54 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-010
Client Sample ID: MU-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	33.0	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha precision (±)	2.5	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta	26.2	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	05/12/09 03:46 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/12/09 03:46 / cgr
Radium 226	10	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	0.65	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	5.8	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.78	%				Calculation	05/06/09 12:45 / kbh
Anions	4.91	meq/L				Calculation	05/06/09 12:45 / kbh
Cations	4.55	meq/L				Calculation	05/06/09 12:45 / kbh
Solids, Total Dissolved Calculated	322	mg/L				Calculation	05/06/09 12:45 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/06/09 12:45 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-011
Client Sample ID: MP-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	121	mg/L		1		A2320 B	04/29/09 01:13 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 01:13 / ljl
Bicarbonate as HCO3	148	mg/L		1		A2320 B	04/29/09 01:13 / ljl
Calcium	77	mg/L		1		E200.7	05/01/09 22:02 / rdw
Chloride	6	mg/L		1		E300.0	05/01/09 03:43 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	04/28/09 15:16 / ljl
Magnesium	4	mg/L		1		E200.7	05/01/09 22:02 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:10 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 22:02 / rdw
Silica	14.6	mg/L		0.2		E200.7	05/04/09 20:33 / rdw
Sodium	30	mg/L		1		E200.7	05/01/09 22:02 / rdw
Sulfate	167	mg/L		1		E300.0	05/01/09 03:43 / ljl
PHYSICAL PROPERTIES							
Conductivity	606	umhos/cm		1		A2510 B	04/24/09 15:05 / dd
pH	7.91	s.u.		0.01		A4500-H B	04/24/09 15:05 / dd
Solids, Total Dissolved TDS @ 180 C	391	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 05:10 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/02/09 05:10 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 05:10 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:33 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 05:10 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 05:10 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 05:10 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:02 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 05:10 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/02/09 05:10 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 05:10 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 05:10 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 05:10 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 05:10 / ts
Uranium	0.0921	mg/L		0.0003		E200.8	05/02/09 05:10 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 05:10 / ts
Zinc	ND	mg/L		0.01		E200.8	05/02/09 05:10 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.04		E200.7	05/06/09 18:02 / rdw
Manganese	0.02	mg/L		0.01		E200.7	05/06/09 21:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-011
Client Sample ID: MP-101

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	671	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	10.8	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	236	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	250	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	3.2	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	6.4	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.20	%				Calculation	05/06/09 12:46 / kbh
Anions	6.08	meq/L				Calculation	05/06/09 12:46 / kbh
Cations	5.59	meq/L				Calculation	05/06/09 12:46 / kbh
Solids, Total Dissolved Calculated	379	mg/L				Calculation	05/06/09 12:46 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/06/09 12:46 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-012
Client Sample ID: MU-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	101	mg/L		1		A2320 B	04/29/09 01:37 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	04/29/09 01:37 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	04/29/09 01:37 / ljl
Calcium	47	mg/L		1		E200.7	05/01/09 22:06 / rdw
Chloride	4	mg/L		1		E300.0	05/01/09 04:29 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 15:25 / ljl
Magnesium	1	mg/L		1		E200.7	05/01/09 22:06 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 13:12 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 22:06 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/04/09 20:38 / rdw
Sodium	28	mg/L		1		E200.7	05/01/09 22:06 / rdw
Sulfate	92	mg/L		1		E300.0	05/01/09 04:29 / ljl
PHYSICAL PROPERTIES							
Conductivity	392	umhos/cm		1		A2510 B	04/24/09 15:59 / dd
pH	8.82	s.u.		0.01		A4500-H B	04/24/09 15:59 / dd
Solids, Total Dissolved TDS @ 180 C	268	mg/L		10		A2540 C	04/24/09 16:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 05:17 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/02/09 05:17 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 05:17 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:38 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 05:17 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 05:17 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 05:17 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:06 / rdw
Lead	ND	mg/L		0.001		E200.8	05/02/09 05:17 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 05:17 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 05:17 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 05:17 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 05:17 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 05:17 / ts
Uranium	0.0095	mg/L		0.0003		E200.8	05/02/09 05:17 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 05:17 / ts
Zinc	ND	mg/L		0.01		E200.8	05/02/09 05:17 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 18:23 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 21:14 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-012
Client Sample ID: MU-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	32.8	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	13.3	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	4.2	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	0.43	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	3.9	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.87	%				Calculation	05/06/09 12:46 / kbh
Anions	4.04	meq/L				Calculation	05/06/09 12:46 / kbh
Cations	3.74	meq/L				Calculation	05/06/09 12:46 / kbh
Solids, Total Dissolved Calculated	253	mg/L				Calculation	05/06/09 12:46 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/06/09 12:46 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-013
Client Sample ID: MP-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	04/29/09 01:53 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 01:53 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	04/29/09 01:53 / ljl
Calcium	60	mg/L		1		E200.7	05/01/09 22:24 / rdw
Chloride	4	mg/L		1		E300.0	05/01/09 04:44 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 15:28 / ljl
Magnesium	3	mg/L		1		E200.7	05/01/09 22:24 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:40 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 12:58 / eli-b
Potassium	2	mg/L		1		E200.7	05/01/09 22:24 / rdw
Silica	14.7	mg/L		0.2		E200.7	05/04/09 20:43 / rdw
Sodium	28	mg/L		1		E200.7	05/01/09 22:24 / rdw
Sulfate	122	mg/L		1		E300.0	05/01/09 04:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	480	umhos/cm		1		A2510 B	04/24/09 16:02 / dd
pH	7.87	s.u.		0.01		A4500-H B	04/24/09 16:02 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	04/24/09 17:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 06:04 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/02/09 06:04 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 06:04 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:43 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 06:04 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 06:04 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 06:04 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:24 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/02/09 06:04 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 06:04 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 06:04 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 06:04 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 06:04 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 06:04 / ts
Uranium	0.0740	mg/L		0.0003		E200.8	05/02/09 06:04 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 06:04 / ts
Zinc	0.04	mg/L		0.01		E200.8	05/02/09 06:04 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/09/09 00:33 / rdw
Manganese	ND	mg/L		0.01		E200.8	05/09/09 12:18 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-013
Client Sample ID: MP-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	789	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	11.2	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	267	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	4.5	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	291	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	3.5	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	5.8	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.32	%				Calculation	05/06/09 12:46 / kbh
Anions	4.90	meq/L				Calculation	05/06/09 12:46 / kbh
Cations	4.49	meq/L				Calculation	05/06/09 12:46 / kbh
Solids, Total Dissolved Calculated	305	mg/L				Calculation	05/06/09 12:46 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/06/09 12:46 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-014
Client Sample ID: MO-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	04/29/09 02:00 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 02:00 / ljl
Bicarbonate as HCO3	121	mg/L		1		A2320 B	04/29/09 02:00 / ljl
Calcium	70	mg/L		1		E200.7	05/01/09 22:28 / rdw
Chloride	6	mg/L		1		E300.0	05/01/09 05:00 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 15:30 / ljl
Magnesium	3	mg/L		1		E200.7	05/01/09 22:28 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 14:09 / eli-b
Potassium	3	mg/L		1		E200.7	05/01/09 22:28 / rdw
Silica	15.2	mg/L		0.2		E200.7	05/11/09 14:47 / cp
Sodium	32	mg/L		1		E200.7	05/01/09 22:28 / rdw
Sulfate	174	mg/L		1		E300.0	05/01/09 05:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	567	umhos/cm		1		A2510 B	04/24/09 16:04 / dd
pH	8.06	s.u.		0.01		A4500-H B	04/24/09 16:04 / dd
Solids, Total Dissolved TDS @ 180 C	373	mg/L		10		A2540 C	04/24/09 17:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 06:11 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/02/09 06:11 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 06:11 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 20:49 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 06:11 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 06:11 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 06:11 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:28 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 06:11 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 06:11 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 06:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 06:11 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 06:11 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 06:11 / ts
Uranium	0.332	mg/L		0.0003		E200.8	05/02/09 06:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 06:11 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/02/09 06:11 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/09/09 00:38 / rdw
Manganese	ND	mg/L		0.01		E200.8	05/09/09 12:25 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-014
Client Sample ID: MO-102

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	312	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	7.1	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	97.4	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	6.9	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	0.53	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	3.5	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.87	%				Calculation	05/06/09 12:47 / kbh
Anions	5.77	meq/L				Calculation	05/06/09 12:47 / kbh
Cations	5.24	meq/L				Calculation	05/06/09 12:47 / kbh
Solids, Total Dissolved Calculated	348	mg/L				Calculation	05/06/09 12:47 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/06/09 12:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-015
Client Sample ID: M-136

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	04/29/09 02:05 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	04/29/09 02:05 / ljl
Bicarbonate as HCO3	2	mg/L		1		A2320 B	04/29/09 02:05 / ljl
Calcium	ND	mg/L		1		E200.7	05/01/09 22:33 / rdw
Chloride	ND	mg/L		1		E300.0	05/01/09 05:15 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	04/28/09 15:37 / ljl
Magnesium	ND	mg/L		1		E200.7	05/01/09 22:33 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	04/30/09 14:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 14:06 / eli-b
Potassium	ND	mg/L		1		E200.7	05/01/09 22:33 / rdw
Silica	1.9	mg/L		0.2		E200.7	05/11/09 14:59 / cp
Sodium	ND	mg/L		1		E200.7	05/01/09 22:33 / rdw
Sulfate	ND	mg/L		1		E300.0	05/01/09 05:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	ND	umhos/cm		1		A2510 B	04/24/09 16:07 / dd
pH	6.00	s.u.		0.01		A4500-H B	04/24/09 16:07 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	04/24/09 17:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 06:18 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/02/09 06:18 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 06:18 / ts
Boron	ND	mg/L		0.1		E200.7	05/11/09 14:59 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 06:18 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 06:18 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 06:18 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:33 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 06:18 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 06:18 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 06:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 06:18 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 06:18 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 06:18 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/02/09 06:18 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 06:18 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/02/09 06:18 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 18:28 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 21:18 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-015
Client Sample ID: M-136

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1.4	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	0.8	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	-2	pCi/L	U			E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	1.6	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	-0.04	pCi/L	U			E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	0.10	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	1.6	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-91.9	%				Calculation	05/06/09 12:55 / kbh
Anions	0.0323	meq/L				Calculation	05/06/09 12:55 / kbh
Cations	0.00136	meq/L				Calculation	05/06/09 12:55 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-016
Client Sample ID: MP-140

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	04/29/09 02:12 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	04/29/09 02:12 / ljl
Bicarbonate as HCO3	114	mg/L		1		A2320 B	04/29/09 02:12 / ljl
Calcium	51	mg/L		1		E200.7	05/01/09 22:37 / rdw
Chloride	6	mg/L		1		E300.0	05/11/09 18:38 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	04/28/09 15:41 / ljl
Magnesium	2	mg/L		1		E200.7	05/01/09 22:37 / rdw
Nitrogen, Ammonia as N	0.07	mg/L		0.05		E350.1	04/30/09 14:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	04/29/09 14:11 / eli-b
Potassium	9	mg/L		1		E200.7	05/01/09 22:37 / rdw
Silica	12.5	mg/L		0.2		E200.7	05/04/09 21:17 / rdw
Sodium	34	mg/L		1		E200.7	05/01/09 22:37 / rdw
Sulfate	132	mg/L		1		E300.0	05/11/09 18:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	488	umhos/cm		1		A2510 B	04/24/09 16:09 / dd
pH	8.87	s.u.		0.01		A4500-H B	04/24/09 16:09 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	04/24/09 17:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/02/09 06:24 / ts
Arsenic	0.012	mg/L		0.001		E200.8	05/02/09 06:24 / ts
Barium	ND	mg/L		0.1		E200.8	05/02/09 06:24 / ts
Boron	ND	mg/L		0.1		E200.7	05/04/09 21:17 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/02/09 06:24 / ts
Chromium	ND	mg/L		0.05		E200.8	05/02/09 06:24 / ts
Copper	ND	mg/L		0.01		E200.8	05/02/09 06:24 / ts
Iron	ND	mg/L		0.03		E200.7	05/01/09 22:37 / rdw
Lead	0.001	mg/L		0.001		E200.8	05/02/09 06:24 / ts
Manganese	ND	mg/L		0.01		E200.8	05/02/09 06:24 / ts
Mercury	ND	mg/L		0.001		E200.8	05/02/09 06:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/02/09 06:24 / ts
Nickel	ND	mg/L		0.05		E200.8	05/02/09 06:24 / ts
Selenium	ND	mg/L		0.001		E200.8	05/02/09 06:24 / ts
Uranium	0.365	mg/L		0.0003		E200.8	05/02/09 06:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/02/09 06:24 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/02/09 06:24 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/06/09 18:33 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/06/09 21:22 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09040827-016
Client Sample ID: MP-140

Report Date: 06/17/09
Collection Date: 04/23/09
DateReceived: 04/24/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1140	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha precision (±)	13.2	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta	496	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta precision (±)	6.0	pCi/L				E900.0	05/14/09 03:39 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	05/14/09 03:39 / cgr
Radium 226	422	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 precision (±)	4.1	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	05/16/09 19:56 / trs
Radium 228	7.3	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/11/09 09:00 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/11/09 09:00 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.64	%				Calculation	05/13/09 08:29 / kbh
Anions	4.92	meq/L				Calculation	05/13/09 08:29 / kbh
Cations	4.40	meq/L				Calculation	05/13/09 08:29 / kbh
Solids, Total Dissolved Calculated	308	mg/L				Calculation	05/13/09 08:29 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/13/09 08:29 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R117471
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090428B				04/28/09 16:24
Alkalinity, Total as CaCO3		4	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		5	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090428B				04/28/09 16:39
Alkalinity, Total as CaCO3		210	mg/L	5.0	103	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090428B				04/28/09 16:46
Alkalinity, Total as CaCO3		53.3	mg/L	5.0	99	90	110			
Sample ID: C09040827-001AMS		Sample Matrix Spike				Run: MANTECH_090428B				04/28/09 23:29
Alkalinity, Total as CaCO3		237	mg/L	5.0	101	80	120			
Sample ID: C09040827-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090428B				04/28/09 23:36
Alkalinity, Total as CaCO3		239	mg/L	5.0	103	80	120	0.7	20	
Sample ID: C09040827-011AMS		Sample Matrix Spike				Run: MANTECH_090428B				04/29/09 01:21
Alkalinity, Total as CaCO3		246	mg/L	5.0	100	80	120			
Sample ID: C09040827-011AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090428B				04/29/09 01:29
Alkalinity, Total as CaCO3		247	mg/L	5.0	101	80	120	0.4	20	
Sample ID: C09040837-005AMS		Sample Matrix Spike				Run: MANTECH_090428B				04/29/09 02:57
Alkalinity, Total as CaCO3		349	mg/L	5.0	102	80	120			
Sample ID: C09040837-005AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090428B				04/29/09 03:04
Alkalinity, Total as CaCO3		351	mg/L	5.0	104	80	120	0.6	20	
Method: A2510 B										Analytical Run: ORION555A_090424B
Sample ID: ICV2_090424_2		Initial Calibration Verification Standard								04/24/09 13:53
Conductivity		1500	umhos/cm	1.0	106	90	110			
Method: A2510 B										Batch: 090424_2_PH-W_555A-1
Sample ID: MBLK1_090424_2		Method Blank				Run: ORION555A_090424B				04/24/09 13:47
Conductivity		2	umhos/cm	0.2						
Sample ID: C09040827-010ADUP		Sample Duplicate				Run: ORION555A_090424B				04/24/09 15:03
Conductivity		521	umhos/cm	1.0				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B								Analytical Run: ORION555A_090424C		
Sample ID: ICV2_090424_3		Initial Calibration Verification Standard							04/24/09 15:55	
Conductivity		1480	umhos/cm	1.0	105	90	110			
Method: A2510 B								Batch: 090424_3_PH-W_555A-1		
Sample ID: MBLK1_090424_3		Method Blank				Run: ORION555A_090424C			04/24/09 15:50	
Conductivity		2	umhos/cm	0.2						
Sample ID: C09040837-003ADUP		Sample Duplicate				Run: ORION555A_090424C			04/24/09 16:18	
Conductivity		1450	umhos/cm	1.0				0.1	10	
Method: A2540 C								Batch: 090424_2_SLDS-TDS-W		
Sample ID: MBLK1_090424		Method Blank				Run: BAL-1_090424C			04/24/09 14:36	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090424		Laboratory Control Sample				Run: BAL-1_090424C			04/24/09 14:36	
Solids, Total Dissolved TDS @ 180 C		998	mg/L	10	100	90	110			
Sample ID: C09040827-003AMS		Sample Matrix Spike				Run: BAL-1_090424C			04/24/09 16:09	
Solids, Total Dissolved TDS @ 180 C		2000	mg/L	10	88	90	110			S
Sample ID: C09040827-003AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090424C			04/24/09 16:10	
Solids, Total Dissolved TDS @ 180 C		2000	mg/L	10	88	90	110	0.3	10	S
Sample ID: C09040827-016AMS		Sample Matrix Spike				Run: BAL-1_090424C			04/24/09 17:06	
Solids, Total Dissolved TDS @ 180 C		2090	mg/L	10	89	90	110			S
Sample ID: C09040827-016AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090424C			04/24/09 17:06	
Solids, Total Dissolved TDS @ 180 C		2100	mg/L	10	89	90	110	0.5	10	S
Method: A4500-F C									Batch: R117468	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090428A			04/28/09 10:20	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090428A			04/28/09 10:23	
Fluoride		1.00	mg/L	0.10	100	90	110			
Sample ID: C09040827-001AMS		Sample Matrix Spike				Run: MANTECH_090428A			04/28/09 14:34	
Fluoride		1.16	mg/L	0.10	100	80	120			
Sample ID: C09040827-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090428A			04/28/09 14:37	
Fluoride		1.16	mg/L	0.10	100	80	120	0	10	
Sample ID: C09040827-011AMS		Sample Matrix Spike				Run: MANTECH_090428A			04/28/09 15:19	
Fluoride		1.12	mg/L	0.10	100	80	120			
Sample ID: C09040827-011AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090428A			04/28/09 15:22	
Fluoride		1.10	mg/L	0.10	98	80	120	1.8	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B									Analytical Run: ORION555A_090424B	
Sample ID: ICV1_090424_2		Initial Calibration Verification Standard							04/24/09 13:49	
pH		6.89	s.u.	0.010	100	98	102			
Method: A4500-H B									Batch: 090424_2_PH-W_555A-1	
Sample ID: C09040827-010ADUP		Sample Duplicate				Run: ORION555A_090424B			04/24/09 15:03	
pH		9.08	s.u.	0.010				0	10	
Method: A4500-H B									Analytical Run: ORION555A_090424C	
Sample ID: ICV1_090424_3		Initial Calibration Verification Standard							04/24/09 15:52	
pH		6.90	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090424_3_PH-W_555A-1	
Sample ID: C09040837-003ADUP		Sample Duplicate				Run: ORION555A_090424C			04/24/09 16:18	
pH		7.31	s.u.	0.010				0.1	10	
Method: E200.7									Batch: 22280	
Sample ID: MB-22280	2	Method Blank				Run: ICP3-C_090508A			05/08/09 23:52	
Iron		ND	mg/L	0.02						
Manganese		ND	mg/L	0.02						
Sample ID: LCS3-22280	2	Laboratory Control Sample				Run: ICP3-C_090508A			05/08/09 23:57	
Iron		2.31	mg/L	0.030	92	85	115			
Manganese		2.26	mg/L	0.020	90	85	115			
Sample ID: C09040989-001BMS3	2	Sample Matrix Spike				Run: ICP3-C_090508A			05/09/09 00:58	
Iron		4.04	mg/L	0.18	113	70	130			
Manganese		2.67	mg/L	0.20	107	70	130			
Sample ID: C09040989-001BMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090508A			05/09/09 01:03	
Iron		3.72	mg/L	0.18	101	70	130	8.1	20	
Manganese		2.48	mg/L	0.20	99	70	130	7.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117688
Sample ID: LRB	9	Method Blank				Run: ICP3-C_090501A				05/01/09 15:19
Aluminum		0.1	mg/L	0.01						
Barium		ND	mg/L	0.003						
Calcium		ND	mg/L	0.2						
Iron		0.05	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Vanadium		ND	mg/L	0.002						
Sample ID: LFB	9	Laboratory Fortified Blank				Run: ICP3-C_090501A				05/01/09 15:24
Aluminum		4.53	mg/L	0.10	88	85	115			
Barium		0.951	mg/L	0.10	95	85	115			
Calcium		46.4	mg/L	0.50	93	85	115			
Iron		4.86	mg/L	0.030	96	85	115			
Magnesium		47.5	mg/L	0.50	95	85	115			
Manganese		4.69	mg/L	0.010	94	85	115			
Potassium		44.9	mg/L	0.50	90	85	115			
Sodium		45.5	mg/L	0.50	91	85	115			
Vanadium		0.952	mg/L	0.10	95	85	115			
Sample ID: MB-21862	9	Method Blank				Run: ICP3-C_090501A				05/01/09 17:44
Aluminum		ND	mg/L	0.01						
Barium		ND	mg/L	0.003						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		0.05	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Vanadium		ND	mg/L	0.002						
Sample ID: C09040800-017BMS	9	Sample Matrix Spike				Run: ICP3-C_090501A				05/01/09 20:38
Aluminum		0.463	mg/L	0.10	91	70	130			
Barium		0.470	mg/L	0.10	86	70	130			
Calcium		88.2	mg/L	1.0	84	70	130			
Iron		0.451	mg/L	0.030	88	70	130			
Magnesium		46.7	mg/L	1.0	88	70	130			
Manganese		0.451	mg/L	0.010	88	70	130			
Potassium		48.1	mg/L	1.0	88	70	130			
Sodium		78.2	mg/L	1.0	87	70	130			
Vanadium		0.455	mg/L	0.10	89	70	130			
Sample ID: C09040800-017BMSD	9	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A				05/01/09 20:42
Aluminum		0.465	mg/L	0.10	91	70	130	0.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117688	
Sample ID: C09040800-017BMSD	9	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A			05/01/09 20:42	
Barium		0.475	mg/L	0.10	87	70	130	1.2	20	
Calcium		89.1	mg/L	1.0	86	70	130	1	20	
Iron		0.455	mg/L	0.030	89	70	130	0.9	20	
Magnesium		47.4	mg/L	1.0	89	70	130	1.3	20	
Manganese		0.459	mg/L	0.010	89	70	130	1.8	20	
Potassium		48.9	mg/L	1.0	89	70	130	1.5	20	
Sodium		79.1	mg/L	1.0	89	70	130	1.1	20	
Vanadium		0.463	mg/L	0.10	91	70	130	1.9	20	
Sample ID: C09040827-009BMS	9	Sample Matrix Spike				Run: ICP3-C_090501A			05/01/09 21:48	
Aluminum		0.457	mg/L	0.10	90	70	130			
Barium		0.459	mg/L	0.10	85	70	130			
Calcium		125	mg/L	1.0	83	70	130			
Iron		0.441	mg/L	0.030	86	70	130			
Magnesium		48.5	mg/L	1.0	87	70	130			
Manganese		0.450	mg/L	0.010	86	70	130			
Potassium		48.1	mg/L	1.0	89	70	130			
Sodium		77.0	mg/L	1.0	90	70	130			
Vanadium		0.448	mg/L	0.10	88	70	130			
Sample ID: C09040827-009BMSD	9	Sample Matrix Spike Duplicate				Run: ICP3-C_090501A			05/01/09 21:53	
Aluminum		0.469	mg/L	0.10	92	70	130	2.8	20	
Barium		0.463	mg/L	0.10	86	70	130	0.9	20	
Calcium		123	mg/L	1.0	80	70	130	1.4	20	
Iron		0.446	mg/L	0.030	87	70	130	1.2	20	
Magnesium		48.2	mg/L	1.0	86	70	130	0.8	20	
Manganese		0.462	mg/L	0.010	88	70	130	2.6	20	
Potassium		47.1	mg/L	1.0	87	70	130	2.1	20	
Sodium		75.9	mg/L	1.0	88	70	130	1.4	20	
Vanadium		0.457	mg/L	0.10	90	70	130	2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117736	
Sample ID: LRB	2	Method Blank				Run: ICP3-C_090504A			05/04/09 14:12	
Boron		ND	mg/L	0.02						
Silicon		ND	mg/L	0.03						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICP3-C_090504A			05/04/09 14:17	
Boron		0.960	mg/L	0.10	96	85	115			
Silicon		9.70	mg/L	0.032	97	85	115			
Sample ID: C09040800-015BMS	2	Sample Matrix Spike				Run: ICP3-C_090504A			05/04/09 18:35	
Boron		0.465	mg/L	0.10	91	70	130			
Silicon		6.58	mg/L	0.10		70	130			A
Sample ID: C09040800-015BMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A			05/04/09 18:55	
Boron		0.480	mg/L	0.10	94	70	130	3.1	20	
Silicon		6.45	mg/L	0.10		70	130	2	20	A
Sample ID: MB-22149	2	Method Blank				Run: ICP3-C_090504A			05/04/09 19:05	
Boron		ND	mg/L	0.02						
Silicon		ND	mg/L	0.03						
Sample ID: C09040827-008BMS	2	Sample Matrix Spike				Run: ICP3-C_090504A			05/04/09 20:11	
Boron		0.458	mg/L	0.10	90	70	130			
Silicon		6.91	mg/L	0.10		70	130			A
Sample ID: C09040827-008BMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090504A			05/04/09 20:17	
Boron		0.461	mg/L	0.10	90	70	130	0.5	20	
Silicon		7.03	mg/L	0.10		70	130	1.7	20	A
Method: E200.7									Batch: R117860	
Sample ID: MB-090506A		Method Blank				Run: ICP2-C_090506A			05/06/09 16:59	
Manganese		ND	mg/L	0.001						
Sample ID: LFB-090506A		Laboratory Fortified Blank				Run: ICP2-C_090506A			05/06/09 17:03	
Manganese		0.982	mg/L	0.010	98	85	115			
Sample ID: C09040827-010CMS2		Sample Matrix Spike				Run: ICP2-C_090506A			05/06/09 20:58	
Manganese		1.94	mg/L	0.014	97	70	130			
Sample ID: C09040827-010CMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090506A			05/06/09 21:02	
Manganese		1.99	mg/L	0.014	100	70	130	2.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R117868
Sample ID: LRB		Method Blank				Run: ICP3-C_090506A				05/06/09 14:45
Iron		0.04	mg/L	0.01						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICP3-C_090506A				05/06/09 14:50
Iron		5.38	mg/L	0.030	107	85	115			
Sample ID: MB-22149		Method Blank				Run: ICP3-C_090506A				05/06/09 20:16
Iron		ND	mg/L	0.01						
Sample ID: C09040827-014BMS		Sample Matrix Spike				Run: ICP3-C_090506A				05/06/09 20:42
Iron		0.452	mg/L	0.030	89	70	130			
Sample ID: C09040827-014BMSD		Sample Matrix Spike Duplicate				Run: ICP3-C_090506A				05/06/09 20:46
Iron		0.444	mg/L	0.030	87	70	130	2	20	
Method: E200.7										Batch: R118034
Sample ID: MB-090511A	2	Method Blank				Run: ICP2-C_090511A				05/11/09 13:44
Boron		ND	mg/L	0.03						
Silicon		ND	mg/L	0.01						
Sample ID: LFB-090511A	2	Laboratory Fortified Blank				Run: ICP2-C_090511A				05/11/09 13:48
Boron		1.03	mg/L	0.10	103	85	115			
Silicon		0.449	mg/L	0.015	112	85	115			
Sample ID: C09040827-014BMS2	2	Sample Matrix Spike				Run: ICP2-C_090511A				05/11/09 14:51
Boron		2.08	mg/L	0.10	102	70	130			
Silicon		7.88	mg/L	0.10		70	130			A
Sample ID: C09040827-014BMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090511A				05/11/09 14:55
Boron		2.16	mg/L	0.10	106	70	130	3.6	20	
Silicon		8.12	mg/L	0.10		70	130	3.1	20	A
Method: E200.8										Batch: 22280
Sample ID: MB-22280		Method Blank				Run: ICPMS4-C_090508A				05/09/09 11:06
Manganese		0.0003	mg/L	4E-05						
Sample ID: LCS3-22280		Laboratory Control Sample				Run: ICPMS4-C_090508A				05/09/09 11:13
Manganese		2.58	mg/L	0.010	103	85	115			
Sample ID: C09040989-001BMS3		Sample Matrix Spike				Run: ICPMS4-C_090508A				05/09/09 12:51
Manganese		2.82	mg/L	0.010	109	70	130			
Sample ID: C09040989-001BMSD		Sample Matrix Spike Duplicate				Run: ICPMS4-C_090508A				05/09/09 12:57
Manganese		2.77	mg/L	0.010	107	70	130	1.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117678
Sample ID: LRB	15	Method Blank				Run: ICPMS2-C_090501A				05/01/09 14:21
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.0008	mg/L	6E-05						
Sample ID: LFB	15	Laboratory Fortified Blank				Run: ICPMS2-C_090501A				05/01/09 14:28
Aluminum		0.0466	mg/L	0.0022	93	85	115			
Arsenic		0.0491	mg/L	0.0010	98	85	115			
Barium		0.0502	mg/L	0.0010	100	85	115			
Cadmium		0.0499	mg/L	0.0010	100	85	115			
Chromium		0.0492	mg/L	0.0010	98	85	115			
Copper		0.0494	mg/L	0.0010	99	85	115			
Lead		0.0494	mg/L	0.0010	99	85	115			
Manganese		0.0496	mg/L	0.0010	99	85	115			
Mercury		0.00504	mg/L	0.0010	101	85	115			
Molybdenum		0.0500	mg/L	0.0010	100	85	115			
Nickel		0.0492	mg/L	0.0010	98	85	115			
Selenium		0.0493	mg/L	0.0014	99	85	115			
Uranium		0.0483	mg/L	0.00030	97	85	115			
Vanadium		0.0492	mg/L	0.0010	98	85	115			
Zinc		0.0498	mg/L	0.0010	98	85	115			
Sample ID: C09040827-002BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090501A				05/02/09 03:35
Aluminum		0.0436	mg/L	0.0010	87	70	130			
Arsenic		0.0507	mg/L	0.0010	100	70	130			
Barium		0.0665	mg/L	0.0010	133	70	130			S
Cadmium		0.0480	mg/L	0.010	96	70	130			
Chromium		0.0460	mg/L	0.0010	92	70	130			
Copper		0.0471	mg/L	0.010	94	70	130			
Lead		0.0501	mg/L	0.050	100	70	130			
Manganese		0.0475	mg/L	0.010	94	70	130			
Mercury		0.00508	mg/L	0.0010	102	70	130			
Molybdenum		0.0495	mg/L	0.0010	99	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117678	
Sample ID: C09040827-002BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090501A			05/02/09 03:35	
Nickel		0.0485	mg/L	0.0010	97	70	130			
Selenium		0.0628	mg/L	0.0010	125	70	130			
Uranium		0.507	mg/L	0.00030	1010	70	130			S
Vanadium		0.0478	mg/L	0.0010	96	70	130			
Zinc		0.0629	mg/L	0.010	126	70	130			
Sample ID: C09040827-002BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090501A			05/02/09 03:42	
Aluminum		0.0429	mg/L	0.0010	86	70	130	1.5	20	
Arsenic		0.0504	mg/L	0.0010	100	70	130	0.7	20	
Barium		0.0674	mg/L	0.0010	135	70	130	1.3	20	S
Cadmium		0.0485	mg/L	0.010	97	70	130	1	20	
Chromium		0.0462	mg/L	0.0010	92	70	130	0.3	20	
Copper		0.0464	mg/L	0.010	93	70	130	1.5	20	
Lead		0.0504	mg/L	0.050	101	70	130	0.6	20	
Manganese		0.0482	mg/L	0.010	96	70	130	1.5	20	
Mercury		0.00518	mg/L	0.0010	104	70	130	1.9	20	
Molybdenum		0.0503	mg/L	0.0010	101	70	130	1.5	20	
Nickel		0.0477	mg/L	0.0010	95	70	130	1.7	20	
Selenium		0.0623	mg/L	0.0010	124	70	130	0.8	20	
Uranium		0.509	mg/L	0.00030	1020	70	130	0.4	20	S
Vanadium		0.0477	mg/L	0.0010	95	70	130	0.1	20	
Zinc		0.0622	mg/L	0.010	124	70	130	1.2	20	
Sample ID: C09040827-012BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090501A			05/02/09 05:23	
Aluminum		0.0578	mg/L	0.0010	88	70	130			
Arsenic		0.0523	mg/L	0.0010	99	70	130			
Barium		0.0805	mg/L	0.0010	99	70	130			
Cadmium		0.0479	mg/L	0.010	96	70	130			
Chromium		0.0459	mg/L	0.0010	92	70	130			
Copper		0.0463	mg/L	0.010	92	70	130			
Lead		0.0491	mg/L	0.0010	97	70	130			
Manganese		0.0477	mg/L	0.010	92	70	130			
Mercury		0.00495	mg/L	0.0010	99	70	130			
Molybdenum		0.0494	mg/L	0.0010	97	70	130			
Nickel		0.0472	mg/L	0.0010	92	70	130			
Selenium		0.0498	mg/L	0.0010	100	70	130			
Uranium		0.0588	mg/L	0.00030	99	70	130			
Vanadium		0.0471	mg/L	0.0010	94	70	130			
Zinc		0.0571	mg/L	0.010	94	70	130			
Sample ID: C09040827-012BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090501A			05/02/09 05:30	
Aluminum		0.0581	mg/L	0.0010	89	70	130	0.5	20	
Arsenic		0.0522	mg/L	0.0010	99	70	130	0.2	20	
Barium		0.0796	mg/L	0.0010	97	70	130	1.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117678
Sample ID: C09040827-012BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090501A			05/02/09 05:30	
Cadmium		0.0484	mg/L	0.010	97	70	130	0.9	20	
Chromium		0.0455	mg/L	0.0010	91	70	130	0.7	20	
Copper		0.0463	mg/L	0.010	92	70	130	0	20	
Lead		0.0485	mg/L	0.0010	96	70	130	1.2	20	
Manganese		0.0474	mg/L	0.010	91	70	130	0.6	20	
Mercury		0.00488	mg/L	0.0010	98	70	130	1.5	20	
Molybdenum		0.0499	mg/L	0.0010	98	70	130	1.1	20	
Nickel		0.0475	mg/L	0.0010	92	70	130	0.7	20	
Selenium		0.0504	mg/L	0.0010	101	70	130	1.2	20	
Uranium		0.0584	mg/L	0.00030	98	70	130	0.8	20	
Vanadium		0.0472	mg/L	0.0010	94	70	130	0.1	20	
Zinc		0.0542	mg/L	0.010	89	70	130	5.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117798	
Sample ID: LRB	10	Method Blank				Run: ICPMS2-C_090505B			05/05/09 13:44	
Arsenic		ND	mg/L	0.0003						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Zinc		0.001	mg/L	6E-05						
Sample ID: LFB	10	Laboratory Fortified Blank				Run: ICPMS2-C_090505B			05/05/09 13:50	
Arsenic		0.0442	mg/L	0.0010	88	85	115			
Cadmium		0.0450	mg/L	0.0010	90	85	115			
Chromium		0.0446	mg/L	0.0010	89	85	115			
Copper		0.0434	mg/L	0.0010	87	85	115			
Lead		0.0454	mg/L	0.0010	91	85	115			
Molybdenum		0.0466	mg/L	0.0010	93	85	115			
Nickel		0.0430	mg/L	0.0010	86	85	115			
Selenium		0.0440	mg/L	0.0014	88	85	115			
Uranium		0.0463	mg/L	0.00030	93	85	115			
Zinc		0.0462	mg/L	0.0010	90	85	115			
Sample ID: C09050043-002BMS4	10	Sample Matrix Spike				Run: ICPMS2-C_090505B			05/05/09 15:45	
Arsenic		0.0521	mg/L	0.0010	99	70	130			
Cadmium		0.0481	mg/L	0.010	96	70	130			
Chromium		0.0455	mg/L	0.0010	87	70	130			
Copper		0.0542	mg/L	0.010	90	70	130			
Lead		0.0508	mg/L	0.0010	101	70	130			
Molybdenum		1.02	mg/L	0.10		70	130			A
Nickel		0.0485	mg/L	0.0010	89	70	130			
Selenium		0.204	mg/L	0.0010	93	70	130			
Uranium		0.413	mg/L	0.00030		70	130			A
Zinc		0.0640	mg/L	0.010	92	70	130			
Sample ID: C09050043-002BMSD	10	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090505B			05/05/09 15:52	
Arsenic		0.0517	mg/L	0.0010	98	70	130	0.9	20	
Cadmium		0.0486	mg/L	0.010	97	70	130	1	20	
Chromium		0.0460	mg/L	0.0010	88	70	130	1.1	20	
Copper		0.0545	mg/L	0.010	90	70	130	0.5	20	
Lead		0.0500	mg/L	0.0010	100	70	130	1.5	20	
Molybdenum		1.03	mg/L	0.10		70	130	0.8	20	A
Nickel		0.0492	mg/L	0.0010	91	70	130	1.4	20	
Selenium		0.206	mg/L	0.0010	97	70	130	1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117798	
Sample ID: C09050043-002BMSD	10	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090505B			05/05/09 15:52	
Uranium		0.407	mg/L	0.00030		70	130	1.5	20	A
Zinc		0.0636	mg/L	0.010	92	70	130	0.6	20	
Method: E200.8									Batch: R119541	
Sample ID: LRB		Method Blank				Run: ICPMS4-C_090615A			06/15/09 11:20	
Mercury		ND	mg/L	4E-05						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICPMS4-C_090615A			06/15/09 11:27	
Mercury		0.00524	mg/L	0.0010	105	85	115			
Sample ID: C09040827-002BMS4		Sample Matrix Spike				Run: ICPMS4-C_090615A			06/15/09 12:08	
Mercury		0.00540	mg/L	0.0010	108	70	130			
Sample ID: C09040827-002BMSD		Sample Matrix Spike Duplicate				Run: ICPMS4-C_090615A			06/15/09 12:14	
Mercury		0.00552	mg/L	0.0010	110	70	130	2.2	20	
Method: E300.0									Batch: R117690	
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090430A			04/30/09 15:38	
Chloride		9.62	mg/L	1.0	96	90	110			
Sulfate		38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090430A			04/30/09 15:54	
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09040827-001AMS	2	Sample Matrix Spike				Run: IC1-C_090430A			05/01/09 00:22	
Chloride		25.7	mg/L	1.0	104	90	110			
Sulfate		241	mg/L	1.0	97	90	110			
Sample ID: C09040827-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090430A			05/01/09 00:38	
Chloride		26.2	mg/L	1.0	106	90	110	1.9	20	
Sulfate		242	mg/L	1.0	99	90	110	0.5	20	
Sample ID: C09040827-011AMS	2	Sample Matrix Spike				Run: IC1-C_090430A			05/01/09 03:58	
Chloride		26.8	mg/L	1.0	106	90	110			
Sulfate		247	mg/L	1.0	102	90	110			
Sample ID: C09040827-011AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090430A			05/01/09 04:13	
Chloride		27.3	mg/L	1.0	108	90	110	2	20	
Sulfate		249	mg/L	1.0	104	90	110	0.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R118051	
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090511A			05/11/09 16:04	
Chloride		9.85	mg/L	1.0	98	90	110			
Sulfate		38.8	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090511A			05/11/09 16:19	
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09040856-002AMS	2	Sample Matrix Spike				Run: IC1-C_090511A			05/11/09 19:24	
Chloride		57.0	mg/L	1.0	99	90	110			
Sulfate		1130	mg/L	1.0		90	110			A
Sample ID: C09040856-002AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090511A			05/11/09 19:40	
Chloride		56.8	mg/L	1.0	99	90	110	0.3	20	
Sulfate		1120	mg/L	1.0		90	110	0.6	20	A
Method: E350.1									Analytical Run: SUB-B128697	
Sample ID: ICV		Initial Calibration Verification Standard							04/30/09 13:31	
Nitrogen, Ammonia as N		5.53	mg/L	0.11	101	90	110			
Method: E350.1									Batch: B_R128697	
Sample ID: MBLK		Method Blank				Run: SUB-B128697			04/30/09 13:32	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128697			04/30/09 13:34	
Nitrogen, Ammonia as N		0.966	mg/L	0.10	98	90	110			
Sample ID: B09042555-003EMS		Sample Matrix Spike				Run: SUB-B128697			04/30/09 14:22	
Nitrogen, Ammonia as N		0.801	mg/L	0.050	80	90	110			S
Sample ID: B09042555-003EMSD		Sample Matrix Spike Duplicate				Run: SUB-B128697			04/30/09 14:24	
Nitrogen, Ammonia as N		0.792	mg/L	0.050	79	90	110	1.1	10	S
Sample ID: C09040827-011E		Sample Matrix Spike				Run: SUB-B128697			04/30/09 14:37	
Nitrogen, Ammonia as N		0.608	mg/L	0.050	59	90	110			S
Sample ID: C09040827-011E		Sample Matrix Spike Duplicate				Run: SUB-B128697			04/30/09 14:38	
Nitrogen, Ammonia as N		0.607	mg/L	0.050	59	90	110	0.2	10	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Analytical Run: SUB-B128594	
Sample ID: ICV		Initial Calibration Verification Standard							04/29/09 10:18	
Nitrogen, Nitrate+Nitrite as N		36.6	mg/L	0.050	104	90	110			
Method: E353.2									Batch: B_R128594	
Sample ID: MBLK		Method Blank				Run: SUB-B128594			04/29/09 10:19	
Nitrogen, Nitrate+Nitrite as N		0.002	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B128594			04/29/09 10:20	
Nitrogen, Nitrate+Nitrite as N		0.993	mg/L	0.050	101	90	110			
Sample ID: C09040827-013E		Sample Matrix Spike				Run: SUB-B128594			04/29/09 13:00	
Nitrogen, Nitrate+Nitrite as N		0.967	mg/L	0.050	99	90	110			
Sample ID: C09040827-013E		Sample Matrix Spike Duplicate				Run: SUB-B128594			04/29/09 13:01	
Nitrogen, Nitrate+Nitrite as N		0.967	mg/L	0.050	99	90	110	0	10	
Sample ID: B09042549-001DMS		Sample Matrix Spike				Run: SUB-B128594			04/29/09 12:26	
Nitrogen, Nitrate+Nitrite as N		1.58	mg/L	0.050	105	90	110			
Sample ID: B09042549-001DMSD		Sample Matrix Spike Duplicate				Run: SUB-B128594			04/29/09 12:28	
Nitrogen, Nitrate+Nitrite as N		1.56	mg/L	0.050	103	90	110	1.5	10	
Sample ID: B09042555-015EMS		Sample Matrix Spike				Run: SUB-B128594			04/29/09 14:07	
Nitrogen, Nitrate+Nitrite as N		0.945	mg/L	0.050	96	90	110			
Sample ID: B09042555-015EMSD		Sample Matrix Spike Duplicate				Run: SUB-B128594			04/29/09 14:08	
Nitrogen, Nitrate+Nitrite as N		0.942	mg/L	0.050	95	90	110	0.3	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0646	
Sample ID: MB-GrAB-0646	6	Method Blank				Run: TENNELEC-3_090508A			05/12/09 03:46	
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		0.03	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0646		Laboratory Control Sample				Run: TENNELEC-3_090508A			05/12/09 03:46	
Gross Alpha		120	pCi/L		84	70	130			
Sample ID: Cs137-GrAB-0646		Laboratory Control Sample				Run: TENNELEC-3_090508A			05/12/09 03:46	
Gross Beta		98	pCi/L		106	70	130			
Sample ID: C09040827-009DDUP	6	Sample Duplicate				Run: TENNELEC-3_090508A			05/12/09 03:46	
Gross Alpha		417	pCi/L					1.7	14.2	
Gross Alpha precision (±)		8.72	pCi/L							
Gross Alpha MDC		1.68	pCi/L							
Gross Beta		103	pCi/L					7.6	16.3	
Gross Beta precision (±)		3.15	pCi/L							
Gross Beta MDC		2.94	pCi/L							
Sample ID: C09040827-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090508A			05/14/09 03:39	
Gross Alpha		127	pCi/L		91	70	130			
Sample ID: C09040827-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508A			05/14/09 03:39	
Gross Alpha		136	pCi/L		98	70	130	7.4	15.3	
Sample ID: C09040827-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090508A			05/14/09 03:39	
Gross Beta		91.2	pCi/L		102	70	130			
Sample ID: C09040827-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508A			05/14/09 03:39	
Gross Beta		95.5	pCi/L		106	70	130	4.6	16.3	
Method: E903.0									Batch: RA226-3626	
Sample ID: C09040800-017DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090430A			05/14/09 08:58	
Radium 226		24	pCi/L		106	70	130			
Sample ID: C09040800-017DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090430A			05/14/09 08:58	
Radium 226		23	pCi/L		102	70	130	2.5	20.8	
Sample ID: MB-RA226-3626	3	Method Blank				Run: BERTHOLD 770-1_090430A			05/14/09 11:03	
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.07	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3626		Laboratory Control Sample				Run: BERTHOLD 770-1_090430A			05/14/09 11:03	
Radium 226		7.7	pCi/L		98	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/17/09
Work Order: C09040827

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3627
Sample ID: C09040827-010DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090430B				05/16/09 19:56
Radium 226		26	pCi/L		100	70	130			
Sample ID: C09040827-010DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090430B				05/16/09 19:56
Radium 226		26	pCi/L		102	70	130	1.1	21.5	
Sample ID: MB-RA226-3627	3	Method Blank				Run: BERTHOLD 770-2_090430B				05/16/09 21:41
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.3	pCi/L							
Sample ID: LCS-RA226-3627		Laboratory Control Sample				Run: BERTHOLD 770-2_090430B				05/16/09 21:41
Radium 226		7.3	pCi/L		95	70	130			
Method: RA-05										Batch: 22149
Sample ID: LCS-228-RA226-3627		Laboratory Control Sample				Run: TENNELEC-3_090429B				05/11/09 09:00
Radium 228		11.4	pCi/L		98	70	130			
Sample ID: MB-RA226-3627	3	Method Blank				Run: TENNELEC-3_090429B				05/11/09 09:00
Radium 228		3	pCi/L							
Radium 228 precision (±)		1	pCi/L							
Radium 228 MDC		2	pCi/L							
Sample ID: C09040827-016DMS		Sample Matrix Spike				Run: TENNELEC-3_090429B				05/11/09 09:00
Radium 228		27.7	pCi/L		117	70	130			
Sample ID: C09040827-016DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090429B				05/11/09 09:00
Radium 228		25.5	pCi/L		104	70	130	8.4	29.4	
Method: RA-05										Batch: R117968
Sample ID: LCS-228-RA226-3626		Laboratory Control Sample				Run: TENNELEC-3_090430B				05/08/09 15:16
Radium 228		7.97	pCi/L		94	70	130			
Sample ID: MB-RA226-3626	3	Method Blank				Run: TENNELEC-3_090430B				05/08/09 15:16
Radium 228		-0.3	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09040800-017DMS		Sample Matrix Spike				Run: TENNELEC-3_090430B				05/08/09 15:17
Radium 228		23.5	pCi/L		102	70	130			
Sample ID: C09040800-017DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090430B				05/08/09 15:17
Radium 228		24.7	pCi/L		110	70	130	5.4	30.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Ur-Energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State: Wy	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200	Contact Name: John Cash / Phone/Fax: 307-265-2373	Email:	Sampler: (Please Print)
Invoice Address: Same	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Guide line 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): Various

Receipt Temp 5 °C

On Ice: Yes (No)

Custody Seal Y (N)
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MP-103 #61	04/23/09		w-2gals
2	MO-103 #62			
3	MU-103 #63			
4	MP105 #64			
5	MO-105 #65			
6	MU105 #66			
7	KPW-2 #67			
8	M-135 #68			
9	MO-101 #69			
10	MU-101 #70			

LABORATORY USE ONLY: 0904082?

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jack Doutt	4-23-09 5:00		Ahmad Jodeh	4/23/09 5:00pm	
Ahmad Jodeh	4/24/09 8:55		Ahmad Jodeh	4/24/09 8:55	
			Received by Laboratory:	Date/Time:	Signature:
				4/24/09 855	

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Andrea Larsen 4/24/09 855

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Ur-Energy	Lost Creek	State: Wy	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200	Contact Name: John Cash / Phone/Fax: 307-265-2373	Email:	Sampler: (Please Print)
Invoice Address: Same	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Guide line 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Various
Receipt Temp 5 °C
On Ice: Yes No
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MP-101 #71	04/23/09		w-2gals
2	MU-102 #72			
3	MP-102 #73			
4	MO-102 #74			
5	M-136 #75			
6	Mp-140			
7	per John Cash	4/23/09		
8				
9				
10				

LABORATORY USE ONLY

C09040827

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
[signature]	4-23-09 5:00pm	[signature]	Ahmad Jodeh	4/23/09 5:00pm	[signature]
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Andrea Larsen	4/24/09 855	[signature]
			Received by Laboratory: [signature]	Date/Time: 4/24/09 855	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09040827

UR Energy USA Inc

Login completed by: Edith McPike

Date and Time Received: 4/24/2009 8:55 AM

Reviewed by:

Received by: ckw

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	5°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals/radionuclides were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2. Samples were split and preserved in the laboratory for total metals and nitrate and ammonia

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09040827

Date: *17-Jun-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

October 21, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050081

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 5/4/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050081-001	M-101	05/04/09 00:00	05/04/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050081-002	M-102	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-003	M-103	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-004	M-104	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-005	M-105	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-006	M-106	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-007	M-107	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-008	M-108	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-009	M-109	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-010	M-110	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-011	M-129	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-012	M-111	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-013	M-112	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-014	M-113	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-015	M-114	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-016	M-115	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-017	M-116	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-018	M-117	05/04/09 00:00	05/04/09	Aqueous	Same As Above
C09050081-019	M-118	05/04/09 00:00	05/04/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09050081-020	M-120A	05/04/09 00:00 05/04/09	Aqueous	Same As Above
C09050081-021	M-121	05/04/09 00:00 05/04/09	Aqueous	Same As Above
C09050081-022	M-130	05/04/09 00:00 05/04/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-001
Client Sample ID: M-101

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	71	mg/L		1		A2320 B	05/11/09 17:19 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 17:19 / ljl
Bicarbonate as HCO3	87	mg/L		1		A2320 B	05/11/09 17:19 / ljl
Calcium	86	mg/L		1		E200.7	05/11/09 13:25 / rdw
Chloride	5	mg/L		1		E300.0	05/13/09 00:24 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:10 / ljl
Magnesium	2	mg/L		1		E200.7	05/11/09 13:25 / rdw
Nitrogen, Ammonia as N	0.12	mg/L		0.05		E350.1	05/07/09 10:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:08 / eli-b
Potassium	7	mg/L		1		E200.7	05/11/09 13:25 / rdw
Silica	15.5	mg/L		0.2		E200.7	05/18/09 16:20 / cp
Sodium	31	mg/L		1		E200.7	05/11/09 13:25 / rdw
Sulfate	235	mg/L		1		E300.0	05/13/09 00:24 / ljl
PHYSICAL PROPERTIES							
Conductivity	655	umhos/cm		1		A2510 B	05/05/09 10:50 / dd
pH	9.05	s.u.		0.01		A4500-H B	05/05/09 10:50 / dd
Solids, Total Dissolved TDS @ 180 C	471	mg/L		10		A2540 C	05/05/09 14:39 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:20 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/06/09 17:16 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:16 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:20 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:16 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:16 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:16 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:20 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:16 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 17:16 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:16 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:16 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:16 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 17:16 / ts
Uranium	0.0653	mg/L		0.0003		E200.8	05/06/09 17:16 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:16 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 17:16 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 16:43 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 19:39 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-001
Client Sample ID: M-101

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	434	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha precision (±)	10.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta	100	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/29/09 22:55 / cgr
Radium 226	173	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	2.7	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	4.7	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.73	%				Calculation	05/14/09 14:49 / kbh
Anions	6.46	meq/L				Calculation	05/14/09 14:49 / kbh
Cations	6.00	meq/L				Calculation	05/14/09 14:49 / kbh
Solids, Total Dissolved Calculated	409	mg/L				Calculation	05/14/09 14:49 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	05/14/09 14:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-002
Client Sample ID: M-102

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	131	mg/L		1		A2320 B	05/11/09 17:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 17:26 / ljl
Bicarbonate as HCO3	159	mg/L		1		A2320 B	05/11/09 17:26 / ljl
Calcium	115	mg/L		1		E200.7	05/18/09 16:33 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 13:32 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:12 / ljl
Magnesium	4	mg/L		1		E200.7	05/18/09 16:33 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:09 / eli-b
Potassium	5	mg/L		1		E200.7	05/18/09 16:33 / cp
Silica	17.8	mg/L		0.2		E200.7	05/18/09 16:33 / cp
Sodium	29	mg/L		1		E200.7	05/18/09 16:33 / cp
Sulfate	253	mg/L		1		E300.0	05/18/09 13:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	767	umhos/cm		1		A2510 B	05/05/09 10:52 / dd
pH	7.80	s.u.		0.01		A4500-H B	05/05/09 10:52 / dd
Solids, Total Dissolved TDS @ 180 C	553	mg/L		10		A2540 C	05/05/09 14:40 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:33 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/06/09 17:23 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:23 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:33 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:23 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:23 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:23 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:33 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:23 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/06/09 17:23 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:23 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:23 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:23 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 17:23 / ts
Uranium	0.0412	mg/L		0.0003		E200.8	05/06/09 17:23 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:23 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 17:23 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 16:48 / rdw
Manganese	0.02	mg/L		0.01		E200.7	05/18/09 19:43 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-002
Client Sample ID: M-102

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	71.7	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	4.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	30.1	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	3.1	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	0.36	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	2.0	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.33	%				Calculation	05/20/09 11:59 / kbh
Anions	8.04	meq/L				Calculation	05/20/09 11:59 / kbh
Cations	7.52	meq/L				Calculation	05/20/09 11:59 / kbh
Solids, Total Dissolved Calculated	514	mg/L				Calculation	05/20/09 11:59 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/20/09 11:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-003
Client Sample ID: M-103

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	142	mg/L		1		A2320 B	05/11/09 17:33 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 17:33 / ljl
Bicarbonate as HCO3	173	mg/L		1		A2320 B	05/11/09 17:33 / ljl
Calcium	133	mg/L		1		E200.7	05/11/09 13:35 / rdw
Chloride	7	mg/L		1		E300.0	05/13/09 00:55 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/11/09 11:21 / ljl
Magnesium	6	mg/L		1		E200.7	05/11/09 13:35 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:11 / eli-b
Potassium	4	mg/L		1		E200.7	05/11/09 13:35 / rdw
Silica	19.2	mg/L		0.2		E200.7	05/18/09 16:41 / cp
Sodium	30	mg/L		1		E200.7	05/11/09 13:35 / rdw
Sulfate	296	mg/L		1		E300.0	05/13/09 00:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	873	umhos/cm		1		A2510 B	05/05/09 10:54 / dd
pH	7.67	s.u.		0.01		A4500-H B	05/05/09 10:54 / dd
Solids, Total Dissolved TDS @ 180 C	629	mg/L		10		A2540 C	05/05/09 14:40 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:41 / cp
Arsenic	0.002	mg/L		0.001		E200.8	05/06/09 17:30 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:30 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:41 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:30 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:30 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:30 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:41 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:30 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/06/09 17:30 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:30 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:30 / ts
Selenium	0.032	mg/L		0.001		E200.8	05/06/09 17:30 / ts
Uranium	0.607	mg/L		0.0003		E200.8	05/06/09 17:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:30 / ts
Zinc	0.04	mg/L		0.01		E200.8	05/06/09 17:30 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 16:53 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/18/09 19:47 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-003
Client Sample ID: M-103

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	518	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha precision (±)	12.8	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha MDC	2.9	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta	182	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta precision (±)	4.5	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta MDC	3.8	pCi/L				E900.0	05/29/09 22:55 / cgr
Radium 226	1.9	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	0.28	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	1.6	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.80	%				Calculation	05/14/09 14:51 / kbh
Anions	9.20	meq/L				Calculation	05/14/09 14:51 / kbh
Cations	8.53	meq/L				Calculation	05/14/09 14:51 / kbh
Solids, Total Dissolved Calculated	561	mg/L				Calculation	05/14/09 14:51 / kbh
TDS Balance (0.80 - 1.20)	1.12					Calculation	05/14/09 14:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-004
Client Sample ID: M-104

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	137	mg/L		1		A2320 B	05/11/09 17:40 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 17:40 / ljl
Bicarbonate as HCO3	168	mg/L		1		A2320 B	05/11/09 17:40 / ljl
Calcium	130	mg/L		1		E200.7	05/18/09 16:45 / cp
Chloride	10	mg/L		1		E300.0	05/18/09 14:18 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/11/09 11:34 / ljl
Magnesium	5	mg/L		1		E200.7	05/18/09 16:45 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:31 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:12 / eli-b
Potassium	4	mg/L		1		E200.7	05/18/09 16:45 / cp
Silica	19.1	mg/L		0.2		E200.7	05/18/09 16:45 / cp
Sodium	28	mg/L		1		E200.7	05/18/09 16:45 / cp
Sulfate	278	mg/L		1		E300.0	05/18/09 14:18 / ljl
PHYSICAL PROPERTIES							
Conductivity	842	umhos/cm		1		A2510 B	05/05/09 10:56 / dd
pH	7.94	s.u.		0.01		A4500-H B	05/05/09 10:56 / dd
Solids, Total Dissolved TDS @ 180 C	602	mg/L		10		A2540 C	05/05/09 14:40 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:45 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/06/09 17:36 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:36 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:45 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:36 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:45 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:36 / ts
Manganese	0.04	mg/L		0.01		E200.8	05/06/09 17:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:36 / ts
Selenium	0.037	mg/L		0.001		E200.8	05/06/09 17:36 / ts
Uranium	0.612	mg/L		0.0003		E200.8	05/06/09 17:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:36 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/06/09 17:36 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 16:58 / rdw
Manganese	0.05	mg/L		0.01		E200.7	05/18/09 19:51 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-004
Client Sample ID: M-104

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	633	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	14.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	246	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	4.7	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	3.2	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	0.37	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	1.4	pCi/L	U			RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.73	%				Calculation	05/20/09 12:00 / kbh
Anions	8.82	meq/L				Calculation	05/20/09 12:00 / kbh
Cations	8.19	meq/L				Calculation	05/20/09 12:00 / kbh
Solids, Total Dissolved Calculated	561	mg/L				Calculation	05/20/09 12:00 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-005
Client Sample ID: M-105

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	132	mg/L		1		A2320 B	05/11/09 17:47 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 17:47 / ljl
Bicarbonate as HCO3	161	mg/L		1		A2320 B	05/11/09 17:47 / ljl
Calcium	107	mg/L		1		E200.7	05/11/09 14:01 / rdw
Chloride	6	mg/L		1		E300.0	05/13/09 01:57 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:37 / ljl
Magnesium	4	mg/L		1		E200.7	05/11/09 14:01 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:13 / eli-b
Potassium	2	mg/L		1		E200.7	05/11/09 14:01 / rdw
Silica	17.7	mg/L		0.2		E200.7	05/18/09 16:49 / cp
Sodium	30	mg/L		1		E200.7	05/11/09 14:01 / rdw
Sulfate	238	mg/L		1		E300.0	05/13/09 01:57 / ljl
PHYSICAL PROPERTIES							
Conductivity	738	umhos/cm		1		A2510 B	05/05/09 10:58 / dd
pH	7.76	s.u.		0.01		A4500-H B	05/05/09 10:58 / dd
Solids, Total Dissolved TDS @ 180 C	527	mg/L		10		A2540 C	05/05/09 14:41 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:49 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 17:43 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:43 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:49 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:43 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:49 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:43 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/06/09 17:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:43 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 17:43 / ts
Uranium	0.0846	mg/L		0.0003		E200.8	05/06/09 17:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:43 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/06/09 17:43 / ts
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	05/08/09 17:04 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/18/09 19:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-005
Client Sample ID: M-105

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	523	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	12.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	126	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	249	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	3.1	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	5.0	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.77	%				Calculation	05/14/09 15:30 / kbh
Anions	7.75	meq/L				Calculation	05/14/09 15:30 / kbh
Cations	7.04	meq/L				Calculation	05/14/09 15:30 / kbh
Solids, Total Dissolved Calculated	466	mg/L				Calculation	05/14/09 15:30 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	05/14/09 15:30 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-006
Client Sample ID: M-106

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	129	mg/L		1		A2320 B	05/11/09 18:10 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:10 / ljl
Bicarbonate as HCO3	157	mg/L		1		A2320 B	05/11/09 18:10 / ljl
Calcium	107	mg/L		1		E200.7	05/18/09 16:53 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 14:33 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:40 / ljl
Magnesium	4	mg/L		1		E200.7	05/18/09 16:53 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:14 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 16:53 / cp
Silica	18.0	mg/L		0.2		E200.7	05/18/09 16:53 / cp
Sodium	28	mg/L		1		E200.7	05/18/09 16:53 / cp
Sulfate	231	mg/L		1		E300.0	05/18/09 14:33 / ljl
PHYSICAL PROPERTIES							
Conductivity	726	umhos/cm		1		A2510 B	05/05/09 11:01 / dd
pH	7.90	s.u.		0.01		A4500-H B	05/05/09 11:01 / dd
Solids, Total Dissolved TDS @ 180 C	505	mg/L		10		A2540 C	05/05/09 14:41 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 16:53 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/06/09 17:50 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 17:50 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 16:53 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 17:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 17:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 17:50 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 16:53 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 17:50 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/06/09 17:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 17:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 17:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 17:50 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 17:50 / ts
Uranium	0.0586	mg/L		0.0003		E200.8	05/06/09 17:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 17:50 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 17:50 / ts
METALS - TOTAL							
Iron	2.71	mg/L	D	0.07		E200.7	05/11/09 19:42 / cp
Manganese	0.04	mg/L		0.01		E200.7	05/11/09 19:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-006
Client Sample ID: M-106

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	94.0	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha precision (±)	5.2	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha MDC	2.4	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta	26.9	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta MDC	3.1	pCi/L				E900.0	05/29/09 22:55 / cgr
Radium 226	12	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	0.68	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	2.8	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.08	%				Calculation	05/20/09 12:00 / kbh
Anions	7.55	meq/L				Calculation	05/20/09 12:00 / kbh
Cations	6.95	meq/L				Calculation	05/20/09 12:00 / kbh
Solids, Total Dissolved Calculated	478	mg/L				Calculation	05/20/09 12:00 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 12:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-007
Client Sample ID: M-107

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	84	mg/L		1		A2320 B	05/11/09 18:17 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:17 / ljl
Bicarbonate as HCO3	103	mg/L		1		A2320 B	05/11/09 18:17 / ljl
Calcium	89	mg/L		1		E200.7	05/11/09 14:12 / rdw
Chloride	6	mg/L		1		E300.0	05/13/09 02:28 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:42 / ljl
Magnesium	3	mg/L		1		E200.7	05/11/09 14:12 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 11:15 / eli-b
Potassium	10	mg/L		1		E200.7	05/11/09 14:12 / rdw
Silica	16.2	mg/L		0.2		E200.7	05/18/09 17:09 / cp
Sodium	31	mg/L		1		E200.7	05/11/09 14:12 / rdw
Sulfate	229	mg/L		1		E300.0	05/13/09 02:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	670	umhos/cm		1		A2510 B	05/05/09 11:03 / dd
pH	8.83	s.u.		0.01		A4500-H B	05/05/09 11:03 / dd
Solids, Total Dissolved TDS @ 180 C	481	mg/L		10		A2540 C	05/05/09 14:42 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:09 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/06/09 18:44 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 18:44 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:09 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 18:44 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 18:44 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 18:44 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:09 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 18:44 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 18:44 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 18:44 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 18:44 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 18:44 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 18:44 / ts
Uranium	0.0521	mg/L		0.0003		E200.8	05/06/09 18:44 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 18:44 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 18:44 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 17:19 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 20:48 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-007
Client Sample ID: M-107

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	69.0	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha precision (±)	4.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta	33.4	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	05/29/09 22:55 / cgr
Radium 226	6.0	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	05/19/09 10:50 / jah
Radium 228	2.7	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/14/09 17:25 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:25 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.10	%				Calculation	05/14/09 15:31 / kbh
Anions	6.62	meq/L				Calculation	05/14/09 15:31 / kbh
Cations	6.22	meq/L				Calculation	05/14/09 15:31 / kbh
Solids, Total Dissolved Calculated	417	mg/L				Calculation	05/14/09 15:31 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	05/14/09 15:31 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-008
Client Sample ID: M-108

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	122	mg/L		1		A2320 B	05/11/09 18:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:24 / ljl
Bicarbonate as HCO3	149	mg/L		1		A2320 B	05/11/09 18:24 / ljl
Calcium	94	mg/L		1		E200.7	05/18/09 17:13 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 14:49 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 11:47 / ljl
Magnesium	4	mg/L		1		E200.7	05/18/09 17:13 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:35 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:46 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 17:13 / cp
Silica	17.6	mg/L		0.2		E200.7	05/18/09 17:13 / cp
Sodium	27	mg/L		1		E200.7	05/18/09 17:13 / cp
Sulfate	188	mg/L		1		E300.0	05/18/09 14:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	629	umhos/cm		1		A2510 B	05/05/09 11:05 / dd
pH	7.88	s.u.		0.01		A4500-H B	05/05/09 11:05 / dd
Solids, Total Dissolved TDS @ 180 C	439	mg/L		10		A2540 C	05/05/09 14:42 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:13 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 18:51 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 18:51 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:13 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 18:51 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 18:51 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 18:51 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:13 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 18:51 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/06/09 18:51 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 18:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 18:51 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 18:51 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 18:51 / ts
Uranium	0.0162	mg/L		0.0003		E200.8	05/06/09 18:51 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 18:51 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 18:51 / ts
METALS - TOTAL							
Iron	0.09	mg/L	B	0.03		E200.7	05/08/09 17:24 / rdw
Manganese	0.02	mg/L		0.01		E200.7	05/18/09 20:52 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-008
Client Sample ID: M-108

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	41.2	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha precision (±)	3.3	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta	18.9	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/29/09 22:55 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/29/09 22:55 / cgr
Radium 226	9.7	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 precision (±)	0.62	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 228	4.9	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.09	%				Calculation	05/20/09 12:00 / kbh
Anions	6.52	meq/L				Calculation	05/20/09 12:00 / kbh
Cations	6.25	meq/L				Calculation	05/20/09 12:00 / kbh
Solids, Total Dissolved Calculated	417	mg/L				Calculation	05/20/09 12:00 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/20/09 12:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-009
Client Sample ID: M-109

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	05/11/09 18:31 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:31 / ljl
Bicarbonate as HCO3	105	mg/L		1		A2320 B	05/11/09 18:31 / ljl
Calcium	61	mg/L		1		E200.7	05/18/09 17:17 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 15:04 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 11:49 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 17:17 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:47 / eli-b
Potassium	5	mg/L		1		E200.7	05/18/09 17:17 / cp
Silica	15.3	mg/L		0.2		E200.7	05/18/09 17:17 / cp
Sodium	28	mg/L		1		E200.7	05/18/09 17:17 / cp
Sulfate	145	mg/L		1		E300.0	05/18/09 15:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	488	umhos/cm		1		A2510 B	05/05/09 11:07 / dd
pH	8.10	s.u.		0.01		A4500-H B	05/05/09 11:07 / dd
Solids, Total Dissolved TDS @ 180 C	335	mg/L		10		A2540 C	05/05/09 14:42 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:17 / cp
Arsenic	0.002	mg/L		0.001		E200.8	05/06/09 18:58 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 18:58 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:17 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 18:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 18:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 18:58 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:17 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 18:58 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 18:58 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 18:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 18:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 18:58 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 18:58 / ts
Uranium	0.0202	mg/L		0.0003		E200.8	05/06/09 18:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 18:58 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/06/09 18:58 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 17:29 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 20:56 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-009
Client Sample ID: M-109

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	57.2	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	34.1	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	12	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 precision (±)	0.68	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 228	2.9	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.78	%				Calculation	05/20/09 12:01 / kbh
Anions	4.89	meq/L				Calculation	05/20/09 12:01 / kbh
Cations	4.62	meq/L				Calculation	05/20/09 12:01 / kbh
Solids, Total Dissolved Calculated	318	mg/L				Calculation	05/20/09 12:01 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/20/09 12:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-010
Client Sample ID: M-110

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	05/11/09 18:38 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:38 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	05/11/09 18:38 / ljl
Calcium	74	mg/L		1		E200.7	05/18/09 17:21 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 15:19 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 11:52 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 17:21 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:48 / eli-b
Potassium	2	mg/L		1		E200.7	05/18/09 17:21 / cp
Silica	16.2	mg/L		0.2		E200.7	05/18/09 17:21 / cp
Sodium	29	mg/L		1		E200.7	05/18/09 17:21 / cp
Sulfate	148	mg/L		1		E300.0	05/18/09 15:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	534	umhos/cm		1		A2510 B	05/05/09 11:09 / dd
pH	7.73	s.u.		0.01		A4500-H B	05/05/09 11:09 / dd
Solids, Total Dissolved TDS @ 180 C	368	mg/L		10		A2540 C	05/05/09 14:42 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:21 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/06/09 19:04 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 19:04 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:21 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 19:04 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 19:04 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 19:04 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:21 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 19:04 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/06/09 19:04 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 19:04 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 19:04 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 19:04 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 19:04 / ts
Uranium	0.166	mg/L		0.0003		E200.8	05/06/09 19:04 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 19:04 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/06/09 19:04 / ts
METALS - TOTAL							
Iron	0.06	mg/L	B	0.03		E200.7	05/08/09 17:50 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:00 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-010
Client Sample ID: M-110

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	228	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	7.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	88.1	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	42	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 precision (±)	1.3	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/19/09 14:05 / jah
Radium 228	3.0	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/14/09 17:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/14/09 17:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.20	%				Calculation	05/20/09 12:01 / kbh
Anions	5.43	meq/L				Calculation	05/20/09 12:01 / kbh
Cations	5.30	meq/L				Calculation	05/20/09 12:01 / kbh
Solids, Total Dissolved Calculated	348	mg/L				Calculation	05/20/09 12:01 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 12:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-011
Client Sample ID: M-129

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	05/11/09 18:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 18:54 / ljl
Bicarbonate as HCO3	133	mg/L		1		A2320 B	05/11/09 18:54 / ljl
Calcium	72	mg/L		1		E200.7	05/18/09 17:25 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 15:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 11:55 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 17:25 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:49 / eli-b
Potassium	2	mg/L		1		E200.7	05/18/09 17:25 / cp
Silica	15.9	mg/L		0.2		E200.7	05/18/09 17:25 / cp
Sodium	29	mg/L		1		E200.7	05/18/09 17:25 / cp
Sulfate	148	mg/L		1		E300.0	05/18/09 15:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	533	umhos/cm		1		A2510 B	05/05/09 11:11 / dd
pH	7.98	s.u.		0.01		A4500-H B	05/05/09 11:11 / dd
Solids, Total Dissolved TDS @ 180 C	369	mg/L		10		A2540 C	05/05/09 14:43 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:25 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 19:11 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 19:11 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:25 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 19:11 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 19:11 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 19:11 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:25 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 19:11 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 19:11 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 19:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 19:11 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 19:11 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 19:11 / ts
Uranium	0.161	mg/L		0.0003		E200.8	05/06/09 19:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 19:11 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 19:11 / ts
METALS - TOTAL							
Iron	0.06	mg/L	B	0.03		E200.7	05/08/09 17:55 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:12 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-011
Client Sample ID: M-129

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	193	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	79.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	40	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	3.4	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.48	%				Calculation	05/20/09 12:02 / kbh
Anions	5.41	meq/L				Calculation	05/20/09 12:02 / kbh
Cations	5.15	meq/L				Calculation	05/20/09 12:02 / kbh
Solids, Total Dissolved Calculated	344	mg/L				Calculation	05/20/09 12:02 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-012
Client Sample ID: M-111

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/11/09 19:01 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 19:01 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	05/11/09 19:01 / ljl
Calcium	74	mg/L		1		E200.7	05/18/09 17:37 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 15:50 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:02 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 17:37 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:57 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 17:37 / cp
Silica	16.9	mg/L		0.2		E200.7	05/18/09 17:37 / cp
Sodium	28	mg/L		1		E200.7	05/18/09 17:37 / cp
Sulfate	150	mg/L		1		E300.0	05/18/09 15:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	547	umhos/cm		1		A2510 B	05/05/09 11:12 / dd
pH	7.90	s.u.		0.01		A4500-H B	05/05/09 11:12 / dd
Solids, Total Dissolved TDS @ 180 C	377	mg/L		10		A2540 C	05/05/09 14:43 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 17:37 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/06/09 19:18 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 19:18 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 17:37 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 19:18 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 19:18 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 19:18 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 17:37 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 19:18 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/06/09 19:18 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 19:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 19:18 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 19:18 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 19:18 / ts
Uranium	0.0273	mg/L		0.0003		E200.8	05/06/09 19:18 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 19:18 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 19:18 / ts
METALS - TOTAL							
Iron	0.04	mg/L	B	0.03		E200.7	05/08/09 18:05 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:20 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-012
Client Sample ID: M-111

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	49.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	3.4	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	21.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	4.7	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	0.40	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	4.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.56	%				Calculation	05/20/09 12:02 / kbh
Anions	5.53	meq/L				Calculation	05/20/09 12:02 / kbh
Cations	5.25	meq/L				Calculation	05/20/09 12:02 / kbh
Solids, Total Dissolved Calculated	353	mg/L				Calculation	05/20/09 12:02 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-013
Client Sample ID: M-112

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/11/09 19:08 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 19:08 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	05/11/09 19:08 / ljl
Calcium	75	mg/L		1		E200.7	05/18/09 18:34 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 16:06 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:11 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 18:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:58 / eli-b
Potassium	2	mg/L		1		E200.7	05/18/09 18:34 / cp
Silica	16.3	mg/L		0.2		E200.7	05/18/09 18:34 / cp
Sodium	27	mg/L		1		E200.7	05/18/09 18:34 / cp
Sulfate	149	mg/L		1		E300.0	05/18/09 16:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	544	umhos/cm		1		A2510 B	05/05/09 11:14 / dd
pH	8.05	s.u.		0.01		A4500-H B	05/05/09 11:14 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	05/05/09 14:43 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:34 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 19:25 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 19:25 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 19:25 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 19:25 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 19:25 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 18:34 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 19:25 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/06/09 19:25 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 19:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 19:25 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 19:25 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 19:25 / ts
Uranium	0.0246	mg/L		0.0003		E200.8	05/06/09 19:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 19:25 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 19:25 / ts
METALS - TOTAL							
Iron	0.04	mg/L	B	0.03		E200.7	05/08/09 18:10 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:24 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-013
Client Sample ID: M-112

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	50.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	27.4	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	5.0	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	0.40	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	5.1	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.69	%				Calculation	05/20/09 12:02 / kbh
Anions	5.51	meq/L				Calculation	05/20/09 12:02 / kbh
Cations	5.22	meq/L				Calculation	05/20/09 12:02 / kbh
Solids, Total Dissolved Calculated	350	mg/L				Calculation	05/20/09 12:02 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-014
Client Sample ID: M-113

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	97	mg/L		1		A2320 B	05/11/09 19:15 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 19:15 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	05/11/09 19:15 / ljl
Calcium	56	mg/L		1		E200.7	05/18/09 18:38 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 16:52 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:26 / ljl
Magnesium	2	mg/L		1		E200.7	05/18/09 18:38 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:59 / eli-b
Potassium	4	mg/L		1		E200.7	05/18/09 18:38 / cp
Silica	15.5	mg/L		0.2		E200.7	05/18/09 18:38 / cp
Sodium	31	mg/L		1		E200.7	05/11/09 15:14 / rdw
Sulfate	125	mg/L		1		E300.0	05/18/09 16:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	467	umhos/cm		1		A2510 B	05/05/09 11:16 / dd
pH	8.10	s.u.		0.01		A4500-H B	05/05/09 11:16 / dd
Solids, Total Dissolved TDS @ 180 C	321	mg/L		10		A2540 C	05/05/09 14:43 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:38 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 19:32 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 19:32 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 19:32 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 19:32 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 19:32 / ts
Iron	ND	mg/L		0.03		E200.7	05/18/09 18:38 / cp
Lead	ND	mg/L		0.001		E200.8	05/06/09 19:32 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 19:32 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 19:32 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 19:32 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 19:32 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 19:32 / ts
Uranium	0.0180	mg/L		0.0003		E200.8	05/06/09 19:32 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 19:32 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 19:32 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 18:15 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:40 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-014
Client Sample ID: M-113

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	76.0	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	3.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	52.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	11	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	0.59	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	3.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.25	%				Calculation	05/20/09 12:03 / kbh
Anions	4.68	meq/L				Calculation	05/20/09 12:03 / kbh
Cations	4.48	meq/L				Calculation	05/20/09 12:03 / kbh
Solids, Total Dissolved Calculated	302	mg/L				Calculation	05/20/09 12:03 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 12:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-015
Client Sample ID: M-114

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	05/11/09 19:23 / ljl
Carbonate as CO3	10	mg/L		1		A2320 B	05/11/09 19:23 / ljl
Bicarbonate as HCO3	100	mg/L		1		A2320 B	05/11/09 19:23 / ljl
Calcium	59	mg/L		1		E200.7	05/18/09 18:42 / cp
Chloride	7	mg/L		1		E300.0	05/18/09 17:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:30 / ljl
Magnesium	2	mg/L		1		E200.7	05/18/09 18:42 / cp
Nitrogen, Ammonia as N	0.12	mg/L		0.05		E350.1	05/07/09 10:48 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 13:00 / eli-b
Potassium	11	mg/L		1		E200.7	05/18/09 18:42 / cp
Silica	14.1	mg/L		0.2		E200.7	05/18/09 18:42 / cp
Sodium	36	mg/L		1		E200.7	05/18/09 18:42 / cp
Sulfate	141	mg/L		1		E300.0	05/18/09 17:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	517	umhos/cm		1		A2510 B	05/05/09 11:17 / dd
pH	9.15	s.u.		0.01		A4500-H B	05/05/09 11:17 / dd
Solids, Total Dissolved TDS @ 180 C	354	mg/L		10		A2540 C	05/05/09 14:44 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:42 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/06/09 20:06 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 20:06 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 20:06 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 20:06 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 20:06 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:02 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 20:06 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 20:06 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 20:06 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 20:06 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 20:06 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 20:06 / ts
Uranium	0.0577	mg/L		0.0003		E200.8	05/06/09 20:06 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 20:06 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 20:06 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 18:20 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:45 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-015
Client Sample ID: M-114

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	370	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	8.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	162	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	3.4	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	199	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	2.5	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	4.2	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.95	%				Calculation	05/20/09 12:03 / kbh
Anions	5.11	meq/L				Calculation	05/20/09 12:03 / kbh
Cations	4.92	meq/L				Calculation	05/20/09 12:03 / kbh
Solids, Total Dissolved Calculated	332	mg/L				Calculation	05/20/09 12:03 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-016
Client Sample ID: M-115

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	05/11/09 19:47 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/11/09 19:47 / ljl
Bicarbonate as HCO3	97	mg/L		1		A2320 B	05/11/09 19:47 / ljl
Calcium	54	mg/L		1		E200.7	05/11/09 15:29 / rdw
Chloride	6	mg/L		1		E300.0	05/13/09 06:03 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:32 / ljl
Magnesium	2	mg/L		1		E200.7	05/11/09 15:29 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:50 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:36 / eli-b
Potassium	4	mg/L		1		E200.7	05/11/09 15:29 / rdw
Silica	14.9	mg/L		0.2		E200.7	05/18/09 18:46 / cp
Sodium	35	mg/L		1		E200.7	05/11/09 15:29 / rdw
Sulfate	136	mg/L		1		E300.0	05/13/09 06:03 / ljl
PHYSICAL PROPERTIES							
Conductivity	484	umhos/cm		1		A2510 B	05/05/09 11:28 / dd
pH	9.09	s.u.		0.01		A4500-H B	05/05/09 11:28 / dd
Solids, Total Dissolved TDS @ 180 C	319	mg/L		10		A2540 C	05/05/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:46 / cp
Arsenic	0.006	mg/L		0.001		E200.8	05/06/09 20:12 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 20:12 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:46 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 20:12 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 20:12 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 20:12 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:07 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 20:12 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 20:12 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 20:12 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 20:12 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 20:12 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 20:12 / ts
Uranium	0.116	mg/L		0.0003		E200.8	05/06/09 20:12 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 20:12 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 20:12 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 18:25 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:49 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-016
Client Sample ID: M-115

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	145	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	58.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	3.0	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	0.32	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	1.4	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.63	%				Calculation	05/14/09 15:35 / kbh
Anions	4.71	meq/L				Calculation	05/14/09 15:35 / kbh
Cations	4.47	meq/L				Calculation	05/14/09 15:35 / kbh
Solids, Total Dissolved Calculated	288	mg/L				Calculation	05/14/09 15:35 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	05/14/09 15:35 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-017
Client Sample ID: M-116

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	102	mg/L		1		A2320 B	05/11/09 19:54 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/11/09 19:54 / ljl
Bicarbonate as HCO3	111	mg/L		1		A2320 B	05/11/09 19:54 / ljl
Calcium	58	mg/L		1		E200.7	05/18/09 18:50 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 17:53 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:35 / ljl
Magnesium	2	mg/L		1		E200.7	05/18/09 18:50 / cp
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	05/07/09 10:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	05/07/09 13:01 / eli-b
Potassium	4	mg/L		1		E200.7	05/18/09 18:50 / cp
Silica	14.8	mg/L		0.2		E200.7	05/18/09 18:50 / cp
Sodium	30	mg/L		1		E200.7	05/18/09 18:50 / cp
Sulfate	116	mg/L		1		E300.0	05/18/09 17:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	461	umhos/cm		1		A2510 B	05/05/09 11:29 / dd
pH	8.85	s.u.		0.01		A4500-H B	05/05/09 11:29 / dd
Solids, Total Dissolved TDS @ 180 C	310	mg/L		10		A2540 C	05/05/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:50 / cp
Arsenic	0.005	mg/L		0.001		E200.8	05/06/09 20:19 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 20:19 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 20:19 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 20:19 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 20:19 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:13 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 20:19 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 20:19 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 20:19 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 20:19 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 20:19 / ts
Selenium	0.010	mg/L		0.001		E200.8	05/06/09 20:19 / ts
Uranium	0.197	mg/L		0.0003		E200.8	05/06/09 20:19 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 20:19 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 20:19 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 18:56 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 21:53 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-017
Client Sample ID: M-116

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	202	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	71.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	0.71	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 precision (±)	0.17	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/26/09 16:13 / jah
Radium 228	0.8	pCi/L	U			RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.96	%				Calculation	05/20/09 12:04 / kbh
Anions	4.62	meq/L				Calculation	05/20/09 12:04 / kbh
Cations	4.44	meq/L				Calculation	05/20/09 12:04 / kbh
Solids, Total Dissolved Calculated	295	mg/L				Calculation	05/20/09 12:04 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/20/09 12:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-018
Client Sample ID: M-117

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/11/09 20:01 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 20:01 / ljl
Bicarbonate as HCO3	131	mg/L		1		A2320 B	05/11/09 20:01 / ljl
Calcium	59	mg/L		1		E200.7	05/18/09 18:54 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 18:09 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:38 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 18:54 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.10	mg/L		0.05		E353.2	05/07/09 13:02 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 18:54 / cp
Silica	16.0	mg/L		0.2		E200.7	05/18/09 18:54 / cp
Sodium	32	mg/L		1		E200.7	05/18/09 18:54 / cp
Sulfate	125	mg/L		1		E300.0	05/13/09 07:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	476	umhos/cm		1		A2510 B	05/05/09 11:31 / dd
pH	8.16	s.u.		0.01		A4500-H B	05/05/09 11:31 / dd
Solids, Total Dissolved TDS @ 180 C	316	mg/L		10		A2540 C	05/05/09 14:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:54 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/06/09 20:46 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 20:46 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:54 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 20:46 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 20:46 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 20:46 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:18 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 20:46 / ts
Manganese	0.06	mg/L		0.01		E200.8	05/06/09 20:46 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 20:46 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 20:46 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 20:46 / ts
Selenium	0.011	mg/L		0.001		E200.8	05/06/09 20:46 / ts
Uranium	0.191	mg/L		0.0003		E200.8	05/06/09 20:46 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 20:46 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 20:46 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:01 / rdw
Manganese	0.06	mg/L		0.01		E200.7	05/18/09 21:57 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-018
Client Sample ID: M-117

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	198	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	66.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	1.4	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 228	0.8	pCi/L	U			RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.76	%				Calculation	05/20/09 12:04 / kbh
Anions	4.91	meq/L				Calculation	05/20/09 12:04 / kbh
Cations	4.64	meq/L				Calculation	05/20/09 12:04 / kbh
Solids, Total Dissolved Calculated	312	mg/L				Calculation	05/20/09 12:04 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	05/20/09 12:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-019
Client Sample ID: M-118

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/11/09 20:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 20:09 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	05/11/09 20:09 / ljl
Calcium	62	mg/L		1		E200.7	05/18/09 18:58 / cp
Chloride	4	mg/L		1		E300.0	05/18/09 18:24 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:41 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 18:58 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:58 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 13:04 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 18:58 / cp
Silica	15.7	mg/L		0.2		E200.7	05/18/09 18:58 / cp
Sodium	36	mg/L		1		E200.7	05/18/09 18:58 / cp
Sulfate	147	mg/L		1		E300.0	05/18/09 18:24 / ljl
PHYSICAL PROPERTIES							
Conductivity	529	umhos/cm		1		A2510 B	05/05/09 11:33 / dd
pH	7.95	s.u.		0.01		A4500-H B	05/05/09 11:33 / dd
Solids, Total Dissolved TDS @ 180 C	347	mg/L		10		A2540 C	05/05/09 14:46 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 18:58 / cp
Arsenic	0.002	mg/L		0.001		E200.8	05/06/09 20:53 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 20:53 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 18:58 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 20:53 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 20:53 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 20:53 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:23 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 20:53 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 20:53 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 20:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 20:53 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 20:53 / ts
Selenium	0.002	mg/L		0.001		E200.8	05/06/09 20:53 / ts
Uranium	0.201	mg/L		0.0003		E200.8	05/06/09 20:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 20:53 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 20:53 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:06 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 22:01 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-019
Client Sample ID: M-118

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	245	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha precision (±)	7.1	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta	88.7	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	05/30/09 11:18 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	05/30/09 11:18 / cgr
Radium 226	28	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 precision (±)	0.91	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 228	1.9	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.68	%				Calculation	05/20/09 12:04 / kbh
Anions	5.29	meq/L				Calculation	05/20/09 12:04 / kbh
Cations	5.02	meq/L				Calculation	05/20/09 12:04 / kbh
Solids, Total Dissolved Calculated	339	mg/L				Calculation	05/20/09 12:04 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 12:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-020
Client Sample ID: M-120A

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	14	mg/L	B	1		A2320 B	05/11/09 20:15 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	05/11/09 20:15 / ljl
Bicarbonate as HCO3	4	mg/L	B	1		A2320 B	05/11/09 20:15 / ljl
Calcium	29	mg/L		1		E200.7	05/18/09 19:02 / cp
Chloride	15	mg/L		1		E300.0	05/18/09 18:40 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 12:44 / ljl
Magnesium	2	mg/L		1		E200.7	05/18/09 19:02 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 10:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 13:05 / eli-b
Potassium	8	mg/L		1		E200.7	05/18/09 19:02 / cp
Silica	15.4	mg/L		0.2		E200.7	05/18/09 19:02 / cp
Sodium	32	mg/L		1		E200.7	05/18/09 19:02 / cp
Sulfate	52	mg/L		1		E300.0	05/18/09 18:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	396	umhos/cm		1		A2510 B	05/05/09 11:34 / dd
pH	9.86	s.u.		0.01		A4500-H B	05/05/09 11:34 / dd
Solids, Total Dissolved TDS @ 180 C	248	mg/L		10		A2540 C	05/05/09 14:46 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 19:02 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/06/09 21:00 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 21:00 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 19:02 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 21:00 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 21:00 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 21:00 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:28 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 21:00 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 21:00 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 21:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 21:00 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 21:00 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 21:00 / ts
Uranium	0.0454	mg/L		0.0003		E200.8	05/06/09 21:00 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 21:00 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 21:00 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:11 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 22:05 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-020
Client Sample ID: M-120A

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	47.3	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha precision (±)	3.1	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta	22.9	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Radium 226	0.58	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 precision (±)	0.16	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/26/09 17:56 / jah
Radium 228	0.5	pCi/L	U			RA-05	05/18/09 12:53 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	05/18/09 12:53 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/18/09 12:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.96	%				Calculation	05/20/09 12:05 / kbh
Anions	3.48	meq/L				Calculation	05/20/09 12:05 / kbh
Cations	3.21	meq/L				Calculation	05/20/09 12:05 / kbh
Solids, Total Dissolved Calculated	241	mg/L				Calculation	05/20/09 12:05 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/20/09 12:05 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-021
Client Sample ID: M-121

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	127	mg/L		1		A2320 B	05/11/09 20:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 20:45 / ljl
Bicarbonate as HCO3	155	mg/L		1		A2320 B	05/11/09 20:45 / ljl
Calcium	62	mg/L		1		E200.7	05/18/09 19:18 / cp
Chloride	5	mg/L		1		E300.0	05/18/09 18:55 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 12:47 / ljl
Magnesium	3	mg/L		1		E200.7	05/18/09 19:18 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 11:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 13:06 / eli-b
Potassium	3	mg/L		1		E200.7	05/18/09 19:18 / cp
Silica	17.2	mg/L		0.2		E200.7	05/18/09 19:18 / cp
Sodium	33	mg/L		1		E200.7	05/18/09 19:18 / cp
Sulfate	128	mg/L		1		E300.0	05/18/09 18:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	507	umhos/cm		1		A2510 B	05/05/09 11:36 / dd
pH	8.11	s.u.		0.01		A4500-H B	05/05/09 11:36 / dd
Solids, Total Dissolved TDS @ 180 C	335	mg/L		10		A2540 C	05/05/09 14:46 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 19:18 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/06/09 21:34 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 21:34 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 19:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 21:34 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 21:34 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 21:34 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:33 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 21:34 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/06/09 21:34 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 21:34 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 21:34 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 21:34 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 21:34 / ts
Uranium	0.0432	mg/L		0.0003		E200.8	05/06/09 21:34 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 21:34 / ts
Zinc	ND	mg/L		0.01		E200.8	05/06/09 21:34 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:16 / rdw
Manganese	0.04	mg/L		0.01		E200.7	05/18/09 22:29 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-021
Client Sample ID: M-121

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	58.7	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	3.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	20.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	0.96	pCi/L				E903.0	05/27/09 10:55 / jah
Radium 226 precision (±)	0.21	pCi/L				E903.0	05/27/09 10:55 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	05/27/09 10:55 / jah
Radium 228	1.2	pCi/L	U			RA-05	05/19/09 10:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/19/09 10:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.75	%				Calculation	05/20/09 12:06 / kbh
Anions	5.34	meq/L				Calculation	05/20/09 12:06 / kbh
Cations	4.86	meq/L				Calculation	05/20/09 12:06 / kbh
Solids, Total Dissolved Calculated	332	mg/L				Calculation	05/20/09 12:06 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	05/20/09 12:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-022
Client Sample ID: M-130

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	05/11/09 20:50 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 20:50 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	05/11/09 20:50 / ljl
Calcium	ND	mg/L		1		E200.7	05/12/09 21:38 / rdw
Chloride	ND	mg/L		1		E300.0	05/13/09 08:38 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/11/09 12:54 / ljl
Magnesium	ND	mg/L		1		E200.7	05/12/09 21:38 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/07/09 11:01 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/07/09 12:53 / eli-b
Potassium	ND	mg/L		1		E200.7	05/12/09 21:38 / rdw
Silica	ND	mg/L		0.2		E200.7	05/18/09 19:31 / cp
Sodium	ND	mg/L		1		E200.7	05/12/09 21:38 / rdw
Sulfate	ND	mg/L		1		E300.0	05/13/09 08:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	05/05/09 11:40 / dd
pH	6.01	s.u.		0.01		A4500-H B	05/05/09 11:40 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/05/09 14:46 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/18/09 19:31 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/06/09 21:40 / ts
Barium	ND	mg/L		0.1		E200.8	05/06/09 21:40 / ts
Boron	ND	mg/L		0.1		E200.7	05/18/09 19:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/06/09 21:40 / ts
Chromium	ND	mg/L		0.05		E200.8	05/06/09 21:40 / ts
Copper	ND	mg/L		0.01		E200.8	05/06/09 21:40 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 21:38 / rdw
Lead	ND	mg/L		0.001		E200.8	05/06/09 21:40 / ts
Manganese	ND	mg/L		0.01		E200.8	05/06/09 21:40 / ts
Mercury	ND	mg/L		0.001		E200.8	05/06/09 21:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/06/09 21:40 / ts
Nickel	ND	mg/L		0.05		E200.8	05/06/09 21:40 / ts
Selenium	ND	mg/L		0.001		E200.8	05/06/09 21:40 / ts
Uranium	0.0004	mg/L		0.0003		E200.8	05/06/09 21:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/06/09 21:40 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/06/09 21:40 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:21 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/18/09 22:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Revised Date: 10/21/09
Report Date: 06/30/09
Collection Date: 05/04/09
DateReceived: 05/04/09
Matrix: Aqueous

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050081-022
Client Sample ID: M-130

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	-0.3	pCi/L	U			E900.0	05/31/09 22:00 / cgr
Gross Alpha precision (±)	0.5	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha MDC	0.9	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta	0.04	pCi/L	U			E900.0	05/31/09 22:00 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	05/31/09 22:00 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	05/27/09 10:55 / jah
Radium 226 precision (±)	0.07	pCi/L				E903.0	05/27/09 10:55 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	05/27/09 10:55 / jah
Radium 228	-0.1	pCi/L	U			RA-05	05/19/09 10:50 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 10:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-100	%				Calculation	05/14/09 15:41 / kbh
Anions	0.0376	meq/L				Calculation	05/14/09 15:41 / kbh
Cations	ND	meq/L				Calculation	05/14/09 15:41 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B									Batch: R118037
Sample ID: MBLK	Method Blank				Run: MANTECH_090511B				05/11/09 16:50
Alkalinity, Total as CaCO3	4	mg/L	0.2						
Carbonate as CO3	ND	mg/L	1						
Bicarbonate as HCO3	5	mg/L	1						
Sample ID: LCS	Laboratory Control Sample				Run: MANTECH_090511B				05/11/09 17:12
Alkalinity, Total as CaCO3	52.8	mg/L	5.0	98	90	110			
Sample ID: C09050081-005AMS	Sample Matrix Spike				Run: MANTECH_090511B				05/11/09 17:55
Alkalinity, Total as CaCO3	258	mg/L	5.0	101	80	120			
Sample ID: C09050081-005AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511B				05/11/09 18:03
Alkalinity, Total as CaCO3	263	mg/L	5.0	105	80	120	1.9	20	
Method: A2510 B									Analytical Run: ORION555A_090505A
Sample ID: ICV2_090505_1	Initial Calibration Verification Standard								05/05/09 10:40
Conductivity	1510	umhos/cm	1.0	107	90	110			
Method: A2510 B									Batch: 090505_1_PH-W_555A-1
Sample ID: MBLK1_090505_1	Method Blank				Run: ORION555A_090505A				05/05/09 10:36
Conductivity	0.6	umhos/cm	0.2						
Sample ID: C09050081-005ADUP	Sample Duplicate				Run: ORION555A_090505A				05/05/09 10:59
Conductivity	737	umhos/cm	1.0				0.1	10	
Sample ID: C09050081-015ADUP	Sample Duplicate				Run: ORION555A_090505A				05/05/09 11:19
Conductivity	517	umhos/cm	1.0				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C								Batch: 090505_1_SLDS-TDS-W	
Sample ID: C09050081-005AMS	Sample Matrix Spike				Run: BAL-1_090505B			05/05/09 14:41	
Solids, Total Dissolved TDS @ 180 C	2560	mg/L	10	102	90	110			
Sample ID: C09050081-005AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505B			05/05/09 14:41	
Solids, Total Dissolved TDS @ 180 C	2550	mg/L	10	101	90	110	0.5	10	
Sample ID: C09050081-015AMS	Sample Matrix Spike				Run: BAL-1_090505B			05/05/09 14:44	
Solids, Total Dissolved TDS @ 180 C	2380	mg/L	10	101	90	110			
Sample ID: C09050081-015AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505B			05/05/09 14:44	
Solids, Total Dissolved TDS @ 180 C	2360	mg/L	10	100	90	110	0.8	10	
Sample ID: C09050083-003AMS	Sample Matrix Spike				Run: BAL-1_090505B			05/05/09 14:48	
Solids, Total Dissolved TDS @ 180 C	2630	mg/L	10	101	90	110			
Sample ID: C09050083-003AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505B			05/05/09 14:48	
Solids, Total Dissolved TDS @ 180 C	2640	mg/L	10	102	90	110	0.3	10	
Sample ID: MBLK1_090505	Method Blank				Run: BAL-1_090505C			05/05/09 14:37	
Solids, Total Dissolved TDS @ 180 C	ND	mg/L	6						
Sample ID: LCS1_090505	Laboratory Control Sample				Run: BAL-1_090505C			05/05/09 14:38	
Solids, Total Dissolved TDS @ 180 C	1010	mg/L	10	101	90	110			
Sample ID: C09050081-005AMS	Sample Matrix Spike				Run: BAL-1_090505C			05/05/09 14:41	
Solids, Total Dissolved TDS @ 180 C	2560	mg/L	10	102	90	110			
Sample ID: C09050081-005AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505C			05/05/09 14:41	
Solids, Total Dissolved TDS @ 180 C	2550	mg/L	10	101	90	110	0.5	10	
Sample ID: C09050081-015AMS	Sample Matrix Spike				Run: BAL-1_090505C			05/05/09 14:44	
Solids, Total Dissolved TDS @ 180 C	2380	mg/L	10	101	90	110			
Sample ID: C09050081-015AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505C			05/05/09 14:44	
Solids, Total Dissolved TDS @ 180 C	2360	mg/L	10	100	90	110	0.8	10	
Sample ID: C09050083-003AMS	Sample Matrix Spike				Run: BAL-1_090505C			05/05/09 14:48	
Solids, Total Dissolved TDS @ 180 C	2630	mg/L	10	101	90	110			
Sample ID: C09050083-003AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090505C			05/05/09 14:48	
Solids, Total Dissolved TDS @ 180 C	2640	mg/L	10	102	90	110	0.3	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C									Batch: R118028
Sample ID: MBLK-1	Method Blank				Run: MANTECH_090511A				05/11/09 10:42
Fluoride	ND	mg/L	0.05						
Sample ID: LCS-1	Laboratory Control Sample				Run: MANTECH_090511A				05/11/09 10:45
Fluoride	1.02	mg/L	0.10	102	90	110			
Sample ID: C09050081-002AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 11:15
Fluoride	1.12	mg/L	0.10	101	80	120			
Sample ID: C09050081-002AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 11:18
Fluoride	1.14	mg/L	0.10	103	80	120	1.8	10	
Sample ID: C09050081-012AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 12:05
Fluoride	1.16	mg/L	0.10	101	80	120			
Sample ID: C09050081-012AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 12:08
Fluoride	1.16	mg/L	0.10	101	80	120	0	10	
Sample ID: C09050081-022AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 12:57
Fluoride	0.980	mg/L	0.10	98	80	120			
Sample ID: C09050081-022AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 13:00
Fluoride	1.00	mg/L	0.10	100	80	120	2	10	
Method: A4500-H B									Analytical Run: ORION555A_090505A
Sample ID: ICV1_090505_1	Initial Calibration Verification Standard								05/05/09 10:38
pH	6.94	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090505_1_PH-W_555A-1
Sample ID: C09050081-005ADUP	Sample Duplicate				Run: ORION555A_090505A				05/05/09 10:59
pH	7.75	s.u.	0.010				0.1	10	
Sample ID: C09050081-015ADUP	Sample Duplicate				Run: ORION555A_090505A				05/05/09 11:19
pH	9.15	s.u.	0.010				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: 22267
Sample ID: MB-22267	Method Blank				Run: ICP2-C_090511A				05/11/09 19:02
Iron	ND	mg/L	0.03						
Manganese	ND	mg/L	0.007						
Sample ID: LCS3-22267	Laboratory Control Sample				Run: ICP2-C_090511A				05/11/09 19:06
Iron	2.55	mg/L	0.033	102	85	115			
Manganese	2.57	mg/L	0.010	103	85	115			
Sample ID: C09050052-003BMS3	Sample Matrix Spike				Run: ICP2-C_090511A				05/11/09 19:26
Iron	2.85	mg/L	0.033	101	70	130			
Manganese	2.79	mg/L	0.010	102	70	130			
Sample ID: C09050052-003BMSD3	Sample Matrix Spike Duplicate				Run: ICP2-C_090511A				05/11/09 19:30
Iron	2.82	mg/L	0.033	100	70	130	1	20	
Manganese	2.75	mg/L	0.010	101	70	130	1.6	20	
Method: E200.7									Batch: R117975
Sample ID: LRB	Method Blank				Run: ICP3-C_090508A				05/08/09 15:16
Iron	0.04	mg/L	0.01						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090508A				05/08/09 15:21
Iron	5.16	mg/L	0.030	102	85	115			
Sample ID: C09050081-005DMS	Sample Matrix Spike				Run: ICP3-C_090508A				05/08/09 17:09
Iron	0.496	mg/L	0.030	85	70	130			
Sample ID: C09050081-005DMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090508A				05/08/09 17:14
Iron	0.459	mg/L	0.030	78	70	130	7.7	20	
Sample ID: C09050081-016DMS	Sample Matrix Spike				Run: ICP3-C_090508A				05/08/09 18:30
Iron	0.426	mg/L	0.030	83	70	130			
Sample ID: C09050081-016DMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090508A				05/08/09 18:35
Iron	0.404	mg/L	0.030	79	70	130	5.3	20	
Sample ID: C09050144-004CMS	Sample Matrix Spike				Run: ICP3-C_090508A				05/08/09 20:02
Iron	0.406	mg/L	0.030	80	70	130			
Sample ID: C09050144-004CMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090508A				05/08/09 20:07
Iron	0.434	mg/L	0.030	85	70	130	6.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118035
Sample ID: LRB	Method Blank				Run: ICP3-C_090511A				05/11/09 12:28
Calcium	0.3	mg/L	0.2						
Magnesium	0.3	mg/L	0.2						
Potassium	ND	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090511A				05/11/09 12:33
Calcium	47.4	mg/L	0.50	94	85	115			
Magnesium	48.0	mg/L	0.50	95	85	115			
Potassium	46.6	mg/L	0.50	93	85	115			
Sodium	47.7	mg/L	0.50	95	85	115			
Sample ID: MB-22250	Method Blank				Run: ICP3-C_090511A				05/11/09 12:48
Calcium	ND	mg/L	0.2						
Magnesium	ND	mg/L	0.2						
Potassium	0.06	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: C09050091-001BMS	Sample Matrix Spike				Run: ICP3-C_090511A				05/11/09 13:04
Calcium	484	mg/L	1.0	83	70	130			
Magnesium	238	mg/L	1.0	85	70	130			
Potassium	221	mg/L	1.0	85	70	130			
Sodium	231	mg/L	1.0	86	70	130			
Sample ID: C09050091-001BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090511A				05/11/09 13:09
Calcium	493	mg/L	1.0	87	70	130	1.8	20	
Magnesium	243	mg/L	1.0	87	70	130	2	20	
Potassium	220	mg/L	1.0	85	70	130	0.1	20	
Sodium	232	mg/L	1.0	86	70	130	0.5	20	
Sample ID: C09050081-008BMS	Sample Matrix Spike				Run: ICP3-C_090511A				05/11/09 14:23
Calcium	123	mg/L	1.0	82	70	130			
Magnesium	46.2	mg/L	1.0	84	70	130			
Potassium	44.9	mg/L	1.0	83	70	130			
Sodium	68.8	mg/L	1.0	83	70	130			
Sample ID: C09050081-008BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090511A				05/11/09 14:28
Calcium	128	mg/L	1.0	91	70	130	3.9	20	
Magnesium	51.0	mg/L	1.0	93	70	130	9.8	20	
Potassium	47.9	mg/L	1.0	89	70	130	6.5	20	
Sodium	72.9	mg/L	1.0	91	70	130	5.7	20	
Sample ID: C09050081-018BMS	Sample Matrix Spike				Run: ICP3-C_090511A				05/11/09 15:44
Calcium	100	mg/L	1.0	96	70	130			
Magnesium	49.2	mg/L	1.0	91	70	130			
Potassium	47.2	mg/L	1.0	87	70	130			
Sodium	78.9	mg/L	1.0	94	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118035
Sample ID: C09050081-018BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090511A			05/11/09 15:50	
Calcium	94.5	mg/L	1.0	84	70	130	5.9	20	
Magnesium	46.8	mg/L	1.0	87	70	130	5	20	
Potassium	46.4	mg/L	1.0	86	70	130	1.8	20	
Sodium	76.1	mg/L	1.0	88	70	130	3.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118077
Sample ID: LRB	Method Blank				Run: ICP3-C_090512A				05/12/09 11:51
Calcium	ND	mg/L	0.2						
Iron	0.03	mg/L	0.01						
Magnesium	0.2	mg/L	0.2						
Potassium	ND	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090512A				05/12/09 11:56
Calcium	46.7	mg/L	0.50	93	85	115			
Iron	5.00	mg/L	0.030	100	85	115			
Magnesium	47.6	mg/L	0.50	95	85	115			
Potassium	45.6	mg/L	0.50	91	85	115			
Sodium	46.9	mg/L	0.50	94	85	115			
Sample ID: C09050144-014BMS	Sample Matrix Spike				Run: ICP3-C_090512A				05/12/09 17:54
Calcium	68.9	mg/L	1.0	82	70	130			
Iron	0.431	mg/L	0.030	84	70	130			
Magnesium	41.5	mg/L	1.0	80	70	130			
Potassium	51.1	mg/L	1.0	82	70	130			
Sodium	75.0	mg/L	1.0	87	70	130			
Sample ID: C09050144-014BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090512A				05/12/09 17:59
Calcium	65.3	mg/L	1.0	75	70	130	5.5	20	
Iron	0.405	mg/L	0.030	79	70	130	6.2	20	
Magnesium	39.9	mg/L	1.0	77	70	130	4.1	20	
Potassium	49.6	mg/L	1.0	79	70	130	3.1	20	
Sodium	71.8	mg/L	1.0	81	70	130	4.4	20	
Sample ID: MB-22250	Method Blank				Run: ICP3-C_090512A				05/12/09 18:50
Calcium	ND	mg/L	0.2						
Iron	ND	mg/L	0.01						
Magnesium	ND	mg/L	0.2						
Potassium	0.06	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: C09050246-001BMS	Sample Matrix Spike				Run: ICP3-C_090512A				05/12/09 22:14
Calcium	104	mg/L	1.0	77	70	130			
Iron	0.449	mg/L	0.030	81	70	130			
Magnesium	42.4	mg/L	1.0	76	70	130			
Potassium	41.5	mg/L	1.0	78	70	130			
Sodium	67.2	mg/L	1.0	80	70	130			
Sample ID: C09050246-001BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090512A				05/12/09 22:19
Calcium	104	mg/L	1.0	77	70	130	0.1	20	
Iron	0.430	mg/L	0.030	77	70	130	4.5	20	
Magnesium	43.1	mg/L	1.0	78	70	130	1.7	20	
Potassium	41.5	mg/L	1.0	78	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118077
Sample ID: C09050246-001BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090512A				05/12/09 22:19
Sodium	67.2	mg/L	1.0	80	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118327
Sample ID: MB-090518A	Method Blank				Run: ICP2-C_090518A				05/18/09 13:08
Aluminum	ND	mg/L	0.03						
Boron	ND	mg/L	0.03						
Calcium	ND	mg/L	0.2						
Iron	ND	mg/L	0.005						
Magnesium	ND	mg/L	0.09						
Manganese	ND	mg/L	0.001						
Potassium	ND	mg/L	0.1						
Silicon	0.04	mg/L	0.01						
Sodium	ND	mg/L	0.2						
Sample ID: LFB-090518A	Laboratory Fortified Blank				Run: ICP2-C_090518A				05/18/09 13:12
Aluminum	0.938	mg/L	0.10	94	85	115			
Boron	1.01	mg/L	0.10	101	85	115			
Calcium	49.6	mg/L	0.50	99	85	115			
Iron	0.942	mg/L	0.030	94	85	115			
Magnesium	49.8	mg/L	0.50	100	85	115			
Manganese	0.973	mg/L	0.010	97	85	115			
Potassium	47.3	mg/L	0.50	95	85	115			
Silicon	0.452	mg/L	0.015	104	85	115			
Sodium	47.9	mg/L	0.50	96	85	115			
Silica	0.967	mg/L	0.032	113	85	125			
Sample ID: C09050081-001BMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 16:24
Aluminum	2.14	mg/L	0.10	101	70	130			
Boron	2.17	mg/L	0.10	106	70	130			
Calcium	200	mg/L	1.0	103	70	130			
Iron	2.04	mg/L	0.030	100	70	130			
Magnesium	105	mg/L	1.0	101	70	130			
Manganese	2.02	mg/L	0.010	99	70	130			
Potassium	103	mg/L	1.0	93	70	130			
Silicon	8.32	mg/L	0.10		70	130			A
Sodium	131	mg/L	1.0	98	70	130			
Sample ID: C09050081-001BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A				05/18/09 16:29
Aluminum	2.11	mg/L	0.10	99	70	130	1.2	20	
Boron	2.19	mg/L	0.10	107	70	130	0.8	20	
Calcium	198	mg/L	1.0	102	70	130	0.8	20	
Iron	2.04	mg/L	0.030	100	70	130	0.4	20	
Magnesium	102	mg/L	1.0	98	70	130	2.8	20	
Manganese	2.01	mg/L	0.010	99	70	130	0.3	20	
Potassium	104	mg/L	1.0	94	70	130	0.8	20	
Silicon	8.24	mg/L	0.10		70	130	0.9	20	A
Sodium	131	mg/L	1.0	98	70	130	0	20	
Sample ID: C09050081-011BMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 17:29
Aluminum	2.07	mg/L	0.10	102	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7								Batch: R118327	
Sample ID: C09050081-011BMS2	Sample Matrix Spike				Run: ICP2-C_090518A			05/18/09 17:29	
Boron	2.11	mg/L	0.10	103	70	130			
Calcium	175	mg/L	1.0	102	70	130			
Iron	2.00	mg/L	0.030	98	70	130			
Magnesium	103	mg/L	1.0	98	70	130			
Manganese	2.02	mg/L	0.010	98	70	130			
Potassium	100	mg/L	1.0	96	70	130			
Silicon	8.25	mg/L	0.10		70	130			A
Sodium	128	mg/L	1.0	97	70	130			
Sample ID: C09050081-011BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A			05/18/09 17:33	
Aluminum	2.13	mg/L	0.10	104	70	130	2.5	20	
Boron	2.16	mg/L	0.10	106	70	130	2.2	20	
Calcium	179	mg/L	1.0	105	70	130	1.8	20	
Iron	2.03	mg/L	0.030	99	70	130	1.4	20	
Magnesium	104	mg/L	1.0	98	70	130	0.6	20	
Manganese	2.03	mg/L	0.010	99	70	130	0.5	20	
Potassium	100	mg/L	1.0	96	70	130	0.1	20	
Silicon	8.28	mg/L	0.10		70	130	0.5	20	A
Sodium	130	mg/L	1.0	99	70	130	1.3	20	
Sample ID: C09050081-021BMS2	Sample Matrix Spike				Run: ICP2-C_090518A			05/18/09 19:23	
Aluminum	1.98	mg/L	0.10	97	70	130			
Boron	2.14	mg/L	0.10	105	70	130			
Calcium	166	mg/L	1.0	102	70	130			
Iron	1.98	mg/L	0.030	97	70	130			
Magnesium	103	mg/L	1.0	98	70	130			
Manganese	2.04	mg/L	0.010	98	70	130			
Potassium	101	mg/L	1.0	96	70	130			
Silicon	8.92	mg/L	0.10		70	130			A
Sodium	136	mg/L	1.0	101	70	130			
Sample ID: C09050081-021BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A			05/18/09 19:27	
Aluminum	1.93	mg/L	0.10	94	70	130	2.8	20	
Boron	2.21	mg/L	0.10	108	70	130	3.2	20	
Calcium	165	mg/L	1.0	101	70	130	0.6	20	
Iron	2.03	mg/L	0.030	100	70	130	2.3	20	
Magnesium	101	mg/L	1.0	96	70	130	1.3	20	
Manganese	2.10	mg/L	0.010	101	70	130	2.6	20	
Potassium	102	mg/L	1.0	96	70	130	0.3	20	
Silicon	9.11	mg/L	0.10		70	130	2.2	20	A
Sodium	138	mg/L	1.0	103	70	130	1.8	20	
Sample ID: C09050081-010DMS2	Sample Matrix Spike				Run: ICP2-C_090518A			05/18/09 21:04	
Aluminum	2.24	mg/L	0.16	110	70	130			
Boron	2.20	mg/L	0.10	105	70	130			
Calcium	179	mg/L	1.0	102	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118327
Sample ID: C09050081-010DMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 21:04
Iron	2.11	mg/L	0.067	103	70	130			
Magnesium	107	mg/L	1.0	101	70	130			
Manganese	2.04	mg/L	0.014	100	70	130			
Potassium	98.5	mg/L	1.0	95	70	130			
Silicon	8.39	mg/L	0.10		70	130			A
Sodium	131	mg/L	2.2	99	70	130			
Sample ID: C09050081-010DMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A				05/18/09 21:08
Aluminum	2.11	mg/L	0.16	103	70	130	5.9	20	
Boron	2.13	mg/L	0.10	102	70	130	3.2	20	
Calcium	175	mg/L	1.0	97	70	130	2.4	20	
Iron	2.04	mg/L	0.067	100	70	130	3.1	20	
Magnesium	105	mg/L	1.0	99	70	130	1.9	20	
Manganese	1.97	mg/L	0.014	97	70	130	3.5	20	
Potassium	98.9	mg/L	1.0	95	70	130	0.3	20	
Silicon	8.10	mg/L	0.10		70	130	3.6	20	A
Sodium	132	mg/L	2.2	100	70	130	1.1	20	
Sample ID: C09050081-020DMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 22:09
Aluminum	2.24	mg/L	0.16	110	70	130			
Boron	2.12	mg/L	0.10	104	70	130			
Calcium	137	mg/L	1.0	103	70	130			
Iron	2.03	mg/L	0.067	99	70	130			
Magnesium	103	mg/L	1.0	99	70	130			
Manganese	2.02	mg/L	0.014	99	70	130			
Potassium	106	mg/L	1.0	96	70	130			
Silicon	8.22	mg/L	0.10		70	130			A
Sodium	142	mg/L	2.2	104	70	130			
Sample ID: C09050081-020DMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A				05/18/09 22:13
Aluminum	2.20	mg/L	0.16	108	70	130	1.9	20	
Boron	2.18	mg/L	0.10	107	70	130	2.9	20	
Calcium	136	mg/L	1.0	102	70	130	0.9	20	
Iron	2.01	mg/L	0.067	98	70	130	1.1	20	
Magnesium	103	mg/L	1.0	99	70	130	0.2	20	
Manganese	1.99	mg/L	0.014	98	70	130	1.2	20	
Potassium	107	mg/L	1.0	97	70	130	0.8	20	
Silicon	8.21	mg/L	0.10		70	130	0.1	20	A
Sodium	141	mg/L	2.2	104	70	130	0.4	20	
Sample ID: C09050100-001BMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 22:45
Aluminum	2.1	mg/L	0.10	103	70	130			
Boron	2.3	mg/L	0.10	104	70	130			
Calcium	320	mg/L	0.51	101	70	130			
Iron	2.0	mg/L	0.030	97	70	130			
Magnesium	150	mg/L	0.50	101	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118327
Sample ID: C09050100-001BMS2	Sample Matrix Spike				Run: ICP2-C_090518A				05/18/09 22:45
Manganese	2.0	mg/L	0.010	96	70	130			
Potassium	100	mg/L	0.50	93	70	130			
Silicon	13	mg/L	0.10		70	130			A
Sodium	130	mg/L	0.50	100	70	130			
Sample ID: C09050100-001BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090518A				05/18/09 22:50
Aluminum	2.1	mg/L	0.10	103	70	130	0.6	20	
Boron	2.3	mg/L	0.10	105	70	130	0.8	20	
Calcium	330	mg/L	0.51	105	70	130	1.3	20	
Iron	2.0	mg/L	0.030	97	70	130	0.9	20	
Magnesium	140	mg/L	0.50	98	70	130	2.4	20	
Manganese	2.0	mg/L	0.010	96	70	130	0.3	20	
Potassium	99	mg/L	0.50	92	70	130	1.3	20	
Silicon	13	mg/L	0.10		70	130	0.3	20	A
Sodium	130	mg/L	0.50	98	70	130	1.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090506A				05/06/09 12:45
Arsenic	ND	mg/L	0.0003						
Barium	ND	mg/L	3E-05						
Cadmium	ND	mg/L	6E-05						
Chromium	ND	mg/L	8E-05						
Copper	0.0003	mg/L	4E-05						
Lead	ND	mg/L	2E-05						
Manganese	ND	mg/L	5E-05						
Mercury	ND	mg/L	4E-05						
Molybdenum	ND	mg/L	4E-05						
Nickel	ND	mg/L	9E-05						
Selenium	ND	mg/L	0.001						
Uranium	ND	mg/L	8E-06						
Vanadium	ND	mg/L	9E-05						
Zinc	0.004	mg/L	6E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090506A				05/06/09 12:51
Arsenic	0.0501	mg/L	0.0010	100	85	115			
Barium	0.0504	mg/L	0.0010	101	85	115			
Cadmium	0.0514	mg/L	0.0010	103	85	115			
Chromium	0.0501	mg/L	0.0010	100	85	115			
Copper	0.0505	mg/L	0.0010	100	85	115			
Lead	0.0502	mg/L	0.0010	100	85	115			
Manganese	0.0501	mg/L	0.0010	100	85	115			
Mercury	0.00511	mg/L	0.0010	102	85	115			
Molybdenum	0.0508	mg/L	0.0010	102	85	115			
Nickel	0.0501	mg/L	0.0010	100	85	115			
Selenium	0.0515	mg/L	0.0014	103	85	115			
Uranium	0.0502	mg/L	0.00030	100	85	115			
Vanadium	0.0497	mg/L	0.0010	99	85	115			
Zinc	0.0518	mg/L	0.0010	96	85	115			
Sample ID: C09050081-006BMS4	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 17:57
Arsenic	0.0522	mg/L	0.0010	102	70	130			
Barium	0.0735	mg/L	0.0010	99	70	130			
Cadmium	0.0499	mg/L	0.010	100	70	130			
Chromium	0.0490	mg/L	0.040	97	70	130			
Copper	0.0482	mg/L	0.010	95	70	130			
Lead	0.0498	mg/L	0.040	99	70	130			
Manganese	0.0670	mg/L	0.010	97	70	130			
Mercury	0.00506	mg/L	0.0010	101	70	130			
Molybdenum	0.0497	mg/L	0.040	99	70	130			
Nickel	0.0491	mg/L	0.040	95	70	130			
Selenium	0.0519	mg/L	0.0010	104	70	130			
Uranium	0.110	mg/L	0.00030	102	70	130			
Vanadium	0.0496	mg/L	0.0010	99	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871
Sample ID: C09050081-006BMS4	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 17:57
Zinc	0.0552	mg/L	0.010	97	70	130			
Sample ID: C09050081-006BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 18:03
Arsenic	0.0536	mg/L	0.0010	105	70	130	2.8	20	
Barium	0.0750	mg/L	0.0010	102	70	130	2.1	20	
Cadmium	0.0510	mg/L	0.010	102	70	130	2.1	20	
Chromium	0.0504	mg/L	0.040	100	70	130	2.7	20	
Copper	0.0490	mg/L	0.010	97	70	130	1.6	20	
Lead	0.0511	mg/L	0.040	102	70	130	2.7	20	
Manganese	0.0688	mg/L	0.010	101	70	130	2.6	20	
Mercury	0.00531	mg/L	0.0010	106	70	130	4.7	20	
Molybdenum	0.0510	mg/L	0.040	101	70	130	2.7	20	
Nickel	0.0503	mg/L	0.040	98	70	130	2.5	20	
Selenium	0.0534	mg/L	0.0010	107	70	130	2.8	20	
Uranium	0.112	mg/L	0.00030	106	70	130	2.1	20	
Vanadium	0.0507	mg/L	0.0010	101	70	130	2.2	20	
Zinc	0.0560	mg/L	0.010	98	70	130	1.4	20	
Sample ID: C09050081-017BMS4	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 20:26
Arsenic	0.0561	mg/L	0.0010	103	70	130			
Barium	0.0626	mg/L	0.0010	101	70	130			
Cadmium	0.0512	mg/L	0.010	102	70	130			
Chromium	0.0487	mg/L	0.0010	97	70	130			
Copper	0.0487	mg/L	0.010	96	70	130			
Lead	0.0503	mg/L	0.0010	100	70	130			
Manganese	0.0520	mg/L	0.010	98	70	130			
Mercury	0.00527	mg/L	0.0010	105	70	130			
Molybdenum	0.0514	mg/L	0.0010	99	70	130			
Nickel	0.0495	mg/L	0.0010	98	70	130			
Selenium	0.0631	mg/L	0.0010	106	70	130			
Uranium	0.252	mg/L	0.00030	110	70	130			
Vanadium	0.0512	mg/L	0.0010	100	70	130			
Zinc	0.0530	mg/L	0.010	99	70	130			
Sample ID: C09050081-017BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 20:33
Arsenic	0.0555	mg/L	0.0010	102	70	130	1	20	
Barium	0.0610	mg/L	0.0010	98	70	130	2.6	20	
Cadmium	0.0505	mg/L	0.010	101	70	130	1.4	20	
Chromium	0.0490	mg/L	0.0010	98	70	130	0.5	20	
Copper	0.0485	mg/L	0.010	96	70	130	0.4	20	
Lead	0.0499	mg/L	0.0010	100	70	130	0.7	20	
Manganese	0.0522	mg/L	0.010	98	70	130	0.2	20	
Mercury	0.00524	mg/L	0.0010	105	70	130	0.6	20	
Molybdenum	0.0515	mg/L	0.0010	99	70	130	0.2	20	
Nickel	0.0483	mg/L	0.0010	95	70	130	2.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117871
Sample ID: C09050081-017BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 20:33
Selenium	0.0617	mg/L	0.0010	103	70	130	2.2	20	
Uranium	0.246	mg/L	0.00030	99	70	130	2.3	20	
Vanadium	0.0508	mg/L	0.0010	99	70	130	0.6	20	
Zinc	0.0540	mg/L	0.010	102	70	130	2	20	
Sample ID: C09050081-022BMS4	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/06/09 21:47
Arsenic	0.0522	mg/L	0.0010	104	70	130			
Barium	0.0509	mg/L	0.10	101	70	130			
Cadmium	0.0516	mg/L	0.010	103	70	130			
Chromium	0.0512	mg/L	0.050	102	70	130			
Copper	0.0508	mg/L	0.010	98	70	130			
Lead	0.0509	mg/L	0.050	102	70	130			
Manganese	0.0526	mg/L	0.010	105	70	130			
Mercury	0.00526	mg/L	0.0010	105	70	130			
Molybdenum	0.0496	mg/L	0.10	98	70	130			
Nickel	0.0498	mg/L	0.050	100	70	130			
Selenium	0.0542	mg/L	0.0010	108	70	130			
Uranium	0.0505	mg/L	0.00030	100	70	130			
Vanadium	0.0506	mg/L	0.10	101	70	130			
Zinc	0.0558	mg/L	0.010	75	70	130			
Sample ID: C09050081-022BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/06/09 21:54
Arsenic	0.0532	mg/L	0.0010	106	70	130	1.9	20	
Barium	0.0523	mg/L	0.0010	104	70	130	2.6	20	
Cadmium	0.0521	mg/L	0.010	104	70	130	1	20	
Chromium	0.0515	mg/L	0.050	103	70	130	0.6	20	
Copper	0.0516	mg/L	0.010	99	70	130	1.6	20	
Lead	0.0509	mg/L	0.050	102	70	130	0	20	
Manganese	0.0528	mg/L	0.010	105	70	130	0.2	20	
Mercury	0.00528	mg/L	0.0010	106	70	130	0.4	20	
Molybdenum	0.0510	mg/L	0.0010	101	70	130	2.7	20	
Nickel	0.0511	mg/L	0.0010	102	70	130	2.5	20	
Selenium	0.0554	mg/L	0.0010	111	70	130	2.3	20	
Uranium	0.0510	mg/L	0.00030	101	70	130	1	20	
Vanadium	0.0509	mg/L	0.0010	102	70	130	0.5	20	
Zinc	0.0574	mg/L	0.010	78	70	130	2.9	20	
Sample ID: C09040950-001BMS	Sample Matrix Spike				Run: ICPMS2-C_090506A				05/07/09 01:11
Uranium	0.0505	mg/L	0.0010	101	70	130			
Sample ID: C09040950-001BMSD	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090506A				05/07/09 01:18
Uranium	0.0502	mg/L	0.0010	100	70	130	0.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R118146
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090512A				05/12/09 19:16
Chloride	9.78	mg/L	1.0	98	90	110			
Sulfate	38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090512A				05/12/09 19:32
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050081-003AMS	Sample Matrix Spike				Run: IC1-C_090512A				05/13/09 01:11
Chloride	27.7	mg/L	1.0	105	90	110			
Sulfate	367	mg/L	1.0	90	90	110			
Sample ID: C09050081-003AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090512A				05/13/09 01:26
Chloride	27.9	mg/L	1.0	106	90	110	0.6	20	
Sulfate	367	mg/L	1.0	90	90	110	0.1	20	
Sample ID: C09050081-013AMS	Sample Matrix Spike				Run: IC1-C_090512A				05/13/09 05:02
Chloride	25.4	mg/L	1.0	103	90	110			
Sulfate	229	mg/L	1.0	99	90	110			
Sample ID: C09050081-013AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090512A				05/13/09 05:17
Chloride	25.7	mg/L	1.0	104	90	110	1	20	
Sulfate	230	mg/L	1.0	99	90	110	0.3	20	
Sample ID: C09050081-021AMS	Sample Matrix Spike				Run: IC1-C_090512A				05/13/09 08:07
Chloride	24.8	mg/L	1.0	103	90	110			
Sulfate	210	mg/L	1.0	102	90	110			
Sample ID: C09050081-021AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090512A				05/13/09 08:22
Chloride	25.1	mg/L	1.0	104	90	110	1.3	20	
Sulfate	210	mg/L	1.0	103	90	110	0.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R118395
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090518A				05/18/09 12:30
Chloride	9.75	mg/L	1.0	98	90	110			
Sulfate	38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090518A				05/18/09 12:45
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050081-002AMS	Sample Matrix Spike				Run: IC1-C_090518A				05/18/09 13:47
Chloride	25.1	mg/L	1.0	102	90	110			
Sulfate	324	mg/L	1.0	90	90	110			
Sample ID: C09050081-002AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/18/09 14:02
Chloride	25.8	mg/L	1.0	106	90	110	2.7	20	
Sulfate	322	mg/L	1.0	87	90	110	0.7	20	S
Sample ID: C09050081-015AMS	Sample Matrix Spike				Run: IC1-C_090518A				05/18/09 17:23
Chloride	27.7	mg/L	1.0	106	90	110			
Sulfate	219	mg/L	1.0	100	90	110			
Sample ID: C09050081-015AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/18/09 17:38
Chloride	27.9	mg/L	1.0	107	90	110	0.7	20	
Sulfate	220	mg/L	1.0	101	90	110	0.2	20	
Method: E350.1									Batch: B_R129050
Sample ID: MBLK	Method Blank				Run: SUB-B129050				05/07/09 10:19
Nitrogen, Ammonia as N	ND	mg/L	0.02						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129050				05/07/09 10:20
Nitrogen, Ammonia as N	1.00	mg/L	0.10	102	90	110			
Sample ID: C09050081-001E	Sample Matrix Spike				Run: SUB-B129050				05/07/09 10:26
Nitrogen, Ammonia as N	0.930	mg/L	0.050	81	90	110			S
Sample ID: C09050081-001E	Sample Matrix Spike Duplicate				Run: SUB-B129050				05/07/09 10:27
Nitrogen, Ammonia as N	0.926	mg/L	0.050	81	90	110	0.4	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Batch: B_R129051
Sample ID: MBLK	Method Blank				Run: SUB-B129051				05/07/09 10:24
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129051				05/07/09 10:25
Nitrogen, Nitrate+Nitrite as N	1.00	mg/L	0.050	102	90	110			
Sample ID: B09050427-006AMS	Sample Matrix Spike				Run: SUB-B129051				05/07/09 11:05
Nitrogen, Nitrate+Nitrite as N	1.10	mg/L	0.050	105	90	110			
Sample ID: B09050427-006AMSD	Sample Matrix Spike Duplicate				Run: SUB-B129051				05/07/09 11:06
Nitrogen, Nitrate+Nitrite as N	1.14	mg/L	0.050	109	90	110	3.6	10	
Sample ID: C09050081-016E	Sample Matrix Spike				Run: SUB-B129051				05/07/09 12:37
Nitrogen, Nitrate+Nitrite as N	1.01	mg/L	0.050	103	90	110			
Sample ID: C09050081-016E	Sample Matrix Spike Duplicate				Run: SUB-B129051				05/07/09 12:39
Nitrogen, Nitrate+Nitrite as N	1.04	mg/L	0.050	106	90	110	2.6	10	
Sample ID: C09050081-022E	Sample Matrix Spike				Run: SUB-B129051				05/07/09 12:54
Nitrogen, Nitrate+Nitrite as N	1.06	mg/L	0.050	107	90	110			
Sample ID: C09050081-022E	Sample Matrix Spike Duplicate				Run: SUB-B129051				05/07/09 12:55
Nitrogen, Nitrate+Nitrite as N	1.02	mg/L	0.050	103	90	110	3.8	10	
Method: E900.0									Batch: GrAB-0658
Sample ID: MB-GrAB-0658	Method Blank				Run: G5000W_090526A				05/29/09 22:54
Gross Alpha	-0.6	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.7	pCi/L							
Gross Beta	-2	pCi/L							U
Gross Beta precision (±)	2	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0658	Laboratory Control Sample				Run: G5000W_090526A				05/29/09 22:54
Gross Alpha	130	pCi/L		98	70	130			
Sample ID: C09050081-017CMS	Sample Matrix Spike				Run: G5000W_090526A				05/30/09 11:18
Gross Alpha	347	pCi/L		86	70	130			
Sample ID: C09050081-017CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090526A				05/30/09 11:18
Gross Alpha	326	pCi/L		71	70	130	6.1	14.9	
Sample ID: C09050081-017CMS	Sample Matrix Spike				Run: G5000W_090526A				05/30/09 11:18
Gross Beta	160	pCi/L		99	70	130			
Sample ID: C09050081-017CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090526A				05/30/09 11:18
Gross Beta	162	pCi/L		101	70	130	1.1	14.4	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0659
Sample ID: MB-GrAB-0659	Method Blank				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	-0.04	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.6	pCi/L							
Gross Beta	-0.4	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	1	pCi/L							
Sample ID: UNAT-GrAB-0659	Laboratory Control Sample				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	140	pCi/L		104	70	130			
Sample ID: C09050081-020CMS	Sample Matrix Spike				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	197	pCi/L		109	70	130			
Sample ID: C09050081-020CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	180	pCi/L		97	70	130	8.7	16.3	
Sample ID: C09050081-020CMS	Sample Matrix Spike				Run: G5000W_090527A				05/31/09 22:00
Gross Beta	114	pCi/L		99	70	130			
Sample ID: C09050081-020CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090527A				05/31/09 22:00
Gross Beta	111	pCi/L		96	70	130	2.8	15.3	
Sample ID: C09050144-013DDUP	Sample Duplicate				Run: G5000W_090527A				06/01/09 22:25
Gross Alpha	697	pCi/L					9.4	13.3	
Gross Alpha precision (±)	11.3	pCi/L							
Gross Alpha MDC	1.59	pCi/L							
Gross Beta	285	pCi/L					5.1	13.1	
Gross Beta precision (±)	4.34	pCi/L							
Gross Beta MDC	2.58	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0675
Sample ID: MB-GrAB-0675	Method Blank				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha	-0.8	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.7	pCi/L							
Gross Beta	-0.4	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	1	pCi/L							
Sample ID: UNAT-GrAB-0675	Laboratory Control Sample				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha	140	pCi/L		100	70	130			
Sample ID: C09050548-002DDUP	Sample Duplicate				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha	64.6	pCi/L					16	24.3	
Gross Alpha precision (±)	4.48	pCi/L							
Gross Alpha MDC	2.57	pCi/L							
Gross Beta	21.9	pCi/L					8.6	28.5	
Gross Beta precision (±)	2.11	pCi/L							
Gross Beta MDC	2.92	pCi/L							
Sample ID: C09050548-008DMS	Sample Matrix Spike				Run: G5000W_090616D				06/20/09 09:25
Gross Beta	114	pCi/L		104	70	130			
Sample ID: C09050548-008DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090616D				06/20/09 09:25
Gross Beta	116	pCi/L		106	70	130	1.4	15.2	
Method: E903.0									Batch: RA226-3646
Sample ID: C09050081-001CMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090506B				05/19/09 10:50
Radium 226	200	pCi/L		161	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.									
Sample ID: C09050081-001CMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090506B				05/19/09 10:50
Radium 226	190	pCi/L		82	70	130	6.4	14.2	
Sample ID: MB-RA226-3646	Method Blank				Run: BERTHOLD 770-1_090506B				05/19/09 14:05
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.08	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3646	Laboratory Control Sample				Run: BERTHOLD 770-1_090506B				05/19/09 14:05
Radium 226	8.0	pCi/L		103	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3647
Sample ID: C09050081-011CMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090506D				05/26/09 16:13
Radium 226	54	pCi/L		88	70	130			
Sample ID: C09050081-011CMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090506D				05/26/09 16:13
Radium 226	57	pCi/L		104	70	130	4.5	16.8	
Sample ID: MB-RA226-3647	Method Blank				Run: BERTHOLD 770-1_090506D				05/26/09 17:56
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.06	pCi/L							
Radium 226 MDC	0.1	pCi/L							
Sample ID: LCS-RA226-3647	Laboratory Control Sample				Run: BERTHOLD 770-1_090506D				05/26/09 17:56
Radium 226	7.2	pCi/L		93	70	130			
Method: E903.0									Batch: RA226-3650
Sample ID: C09050081-021CMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090508A				05/27/09 10:55
Radium 226	16	pCi/L		98	70	130			
Sample ID: C09050081-021CMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090508A				05/27/09 10:55
Radium 226	15	pCi/L		87	70	130	11	23.6	
Sample ID: MB-RA226-3650	Method Blank				Run: BERTHOLD 770-1_090508A				05/27/09 12:31
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.06	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3650	Laboratory Control Sample				Run: BERTHOLD 770-1_090508A				05/27/09 12:31
Radium 226	8.4	pCi/L		108	70	130			
Method: RA-05									Batch: RA228-2651
Sample ID: LCS-228-RA226-3646	Laboratory Control Sample				Run: TENNELEC-3_090506A				05/14/09 17:25
Radium 228	6.86	pCi/L		85	70	130			
Sample ID: MB-RA226-3646	Method Blank				Run: TENNELEC-3_090506A				05/14/09 17:25
Radium 228	-0.6	pCi/L							U
Radium 228 precision (±)	0.7	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050081-002CMS	Sample Matrix Spike				Run: TENNELEC-3_090506A				05/14/09 17:25
Radium 228	18.5	pCi/L		94	70	130			
Sample ID: C09050081-002CMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090506A				05/14/09 17:25
Radium 228	15.9	pCi/L		81	70	130	15	39.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA228-2652
Sample ID: LCS-228-RA226-3647	Laboratory Control Sample				Run: TENNELEC-3_090506E				05/18/09 12:53
Radium 228	6.92	pCi/L		82	70	130			
Sample ID: MB-RA226-3647	Method Blank				Run: TENNELEC-3_090506E				05/18/09 12:53
Radium 228	-0.3	pCi/L							U
Radium 228 precision (±)	0.6	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050081-012CMS	Sample Matrix Spike				Run: TENNELEC-3_090506E				05/18/09 12:53
Radium 228	19.8	pCi/L		86	70	130			
Sample ID: C09050081-012CMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090506E				05/18/09 12:53
Radium 228	18.4	pCi/L		78	70	130	7.1	31.7	
Method: RA-05									Batch: RA228-2654
Sample ID: LCS-228-RA226-3650	Laboratory Control Sample				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	7.09	pCi/L		82	70	130			
Sample ID: MB-RA226-3650	Method Blank				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	-0.1	pCi/L							U
Radium 228 precision (±)	0.7	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050081-022CMS	Sample Matrix Spike				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	18.9	pCi/L		110	70	130			
Sample ID: C09050081-022CMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	14.7	pCi/L		86	70	130	25	35.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR-Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609.	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: John.Cash@urenergyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp 9 °C
On Ice: Yes (No)
Custody Seal Y (N)
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Guideline 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH
1	M-101 #1	5-4-09		W 2gals				
2	M-102 #2							
3	M-103 #3							
4	M-104 #4							
5	M-105 #5							
6	M-106 #6							
7	M-107 #7							
8	M-108 #8							
9	M-109 #9							
10	M-110 #10							

LABORATORY USE ONLY

0905008

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jack Douthit	5-4-09 3:30				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time: 5/4/09 15:37	Signature: Fabiola Edwards

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR- Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: John.Cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT(Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp 9 °C
On Ice: Yes No
Custody Seal Y N
Bottles/ Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	ANALYSIS REQUESTED: Gaid line 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH
1	M-129 #11	5-4-09		W 2gals				
2	M-111 #12							
3	M-112 #13							
4	M-113 #14							
5	M-114 #15							
6	M-115 #16							
7	M-116 #17							
8	M-117 #18							
9	M-118 #19							
10	M-120 A #20							

LABORATORY USE ONLY C0905008

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
John Cash	5-4-09 3:30				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time: 5/4/09 15:35	Signature: Jacinda Edwards

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR-Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: John.Cash@urenergyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Gridline 8									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1 M-121 #21	5-4-09		W 2gals													
2 M-130 #22	5-4-09		W 2gals													
3																
4																
5																
6																
7																
8																
9																
10																

LABORATORY USE ONLY
C0905008

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay Routh	5-4-09 3:30				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Sample Disposal: Return to Client: _____ Lab Disposal: _____			Received by Laboratory:	Date/Time: 5/4/09 15:35	Signature: Lakeda Edwards

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050081

UR Energy USA Inc

Login completed by: Edith McPike

Reviewed by:

Reviewed Date:

Date and Time Received: 5/4/2009 3:37 PM

Received by: tae

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	9°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals and radionuclides were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH < Metals samples were preserved with 2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples were split and preserved in the laboratory for nitrates and ammonia

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050081

Date: 21-Oct-09

CASE NARRATIVE

REVISED/SUPPLEMENTAL REPORTS
The attached analytical report has been revised from a previously submitted report to include total alkalinity at the request of Leland Huffman 10/21/09. This reports reflects this addition.

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 02, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050144 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 19 samples for UR Energy USA Inc on 5/6/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050144-001	M-128	05/05/09 00:00	05/06/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050144-002	M-127	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-003	M-126	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-004	M-125	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-005	M-124	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-006	M-123	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-007	M-122	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-008	M-119	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-009	MP-110	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-010	MO-110	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-011	M-131	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-012	MU-110	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-013	MP-112	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-014	MU-112	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-015	MO-113	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-016	MU-113	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-017	MO-111	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-018	MO-112	05/05/09 00:00	05/06/09	Aqueous	Same As Above
C09050144-019	M-132	05/05/09 00:00	05/06/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Steven E. Carlston
Technical Director

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-001
Client Sample ID: M-128

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/11/09 21:12 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	05/11/09 21:12 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	05/11/09 21:12 / ljl
Calcium	71	mg/L		1		E200.7	05/07/09 16:21 / rdw
Chloride	6	mg/L		1		E300.0	05/18/09 19:41 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:17 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 16:21 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 09:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:04 / eli-b
Potassium	5	mg/L		1		E200.7	05/07/09 16:21 / rdw
Silica	15.7	mg/L		0.2		E200.7	05/13/09 14:24 / cp
Sodium	31	mg/L		1		E200.7	05/07/09 16:21 / rdw
Sulfate	154	mg/L		1		E300.0	05/18/09 19:41 / ljl
PHYSICAL PROPERTIES							
Conductivity	552	umhos/cm		1		A2510 B	05/06/09 14:05 / dd
pH	8.43	s.u.		0.01		A4500-H B	05/06/09 14:05 / dd
Solids, Total Dissolved TDS @ 180 C	377	mg/L		10		A2540 C	05/06/09 16:25 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 13:51 / ts
Arsenic	0.006	mg/L		0.001		E200.8	05/08/09 13:51 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 16:21 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:24 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 13:51 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 13:51 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 13:51 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 16:21 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 13:51 / ts
Manganese	0.03	mg/L		0.01		E200.7	05/07/09 16:21 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 13:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 13:51 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 13:51 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 13:51 / ts
Uranium	0.0843	mg/L		0.0003		E200.8	05/08/09 13:51 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 13:51 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 13:51 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:26 / rdw
Manganese	0.03	mg/L		0.01		E200.7	05/13/09 20:04 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-001
Client Sample ID: M-128

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	94.0	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha precision (±)	4.5	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta	31.1	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Radium 226	0.91	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 precision (±)	0.20	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 228	1.9	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 10:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.09	%				Calculation	05/20/09 12:28 / kbh
Anions	5.62	meq/L				Calculation	05/20/09 12:28 / kbh
Cations	5.29	meq/L				Calculation	05/20/09 12:28 / kbh
Solids, Total Dissolved Calculated	357	mg/L				Calculation	05/20/09 12:28 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 12:28 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-002
Client Sample ID: M-127

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	05/11/09 21:35 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 21:35 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/11/09 21:35 / ljl
Calcium	58	mg/L		1		E200.7	05/07/09 16:26 / rdw
Chloride	5	mg/L		1		E300.0	05/18/09 20:43 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:24 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 16:26 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:13 / eli-b
Potassium	12	mg/L		1		E200.7	05/07/09 16:26 / rdw
Silica	15.8	mg/L		0.2		E200.7	05/13/09 14:36 / cp
Sodium	30	mg/L		1		E200.7	05/07/09 16:26 / rdw
Sulfate	140	mg/L		1		E300.0	05/18/09 20:43 / ljl
PHYSICAL PROPERTIES							
Conductivity	520	umhos/cm		1		A2510 B	05/06/09 14:06 / dd
pH	8.35	s.u.		0.01		A4500-H B	05/06/09 14:06 / dd
Solids, Total Dissolved TDS @ 180 C	356	mg/L		10		A2540 C	05/06/09 16:25 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 13:58 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/08/09 13:58 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 16:26 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:36 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 13:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 13:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 13:58 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 16:26 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 13:58 / ts
Manganese	0.01	mg/L		0.01		E200.7	05/07/09 16:26 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 13:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 13:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 13:58 / ts
Selenium	0.006	mg/L		0.001		E200.8	05/08/09 13:58 / ts
Uranium	0.140	mg/L		0.0003		E200.8	05/08/09 13:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 13:58 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 13:58 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:31 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/13/09 20:12 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-002
Client Sample ID: M-127

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	136	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha precision (±)	5.2	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta	50.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Radium 226	1.2	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 228	2.0	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 10:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.97	%				Calculation	05/20/09 12:28 / kbh
Anions	5.21	meq/L				Calculation	05/20/09 12:28 / kbh
Cations	4.81	meq/L				Calculation	05/20/09 12:28 / kbh
Solids, Total Dissolved Calculated	334	mg/L				Calculation	05/20/09 12:28 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:28 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-003
Client Sample ID: M-126

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	82	mg/L		1		A2320 B	05/11/09 21:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 21:42 / ljl
Bicarbonate as HCO3	99	mg/L		1		A2320 B	05/11/09 21:42 / ljl
Calcium	54	mg/L		1		E200.7	05/07/09 16:31 / rdw
Chloride	6	mg/L		1		E300.0	05/18/09 20:58 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 13:27 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 16:31 / rdw
Nitrogen, Ammonia as N	0.28	mg/L		0.05		E350.1	05/08/09 10:04 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:15 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 16:31 / rdw
Silica	14.7	mg/L		0.2		E200.7	05/13/09 14:44 / cp
Sodium	33	mg/L		1		E200.7	05/07/09 16:31 / rdw
Sulfate	146	mg/L		1		E300.0	05/18/09 20:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	495	umhos/cm		1		A2510 B	05/06/09 14:08 / dd
pH	8.42	s.u.		0.01		A4500-H B	05/06/09 14:08 / dd
Solids, Total Dissolved TDS @ 180 C	344	mg/L		10		A2540 C	05/06/09 16:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 14:04 / ts
Arsenic	0.006	mg/L		0.001		E200.8	05/08/09 14:04 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 16:31 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:44 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 14:04 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 14:04 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 14:04 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 16:31 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 14:04 / ts
Manganese	0.08	mg/L		0.01		E200.7	05/07/09 16:31 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 14:04 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 14:04 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 14:04 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/08/09 14:04 / ts
Uranium	0.344	mg/L		0.0003		E200.8	05/08/09 14:04 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 14:04 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 14:04 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:36 / rdw
Manganese	0.09	mg/L		0.01		E200.7	05/13/09 21:05 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-003
Client Sample ID: M-126

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	417	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha precision (±)	8.7	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta	108	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	05/31/09 22:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	05/31/09 22:00 / cgr
Radium 226	1.5	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	05/27/09 12:31 / jah
Radium 228	1.1	pCi/L	U			RA-05	05/19/09 10:50 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/19/09 10:50 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 10:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.43	%				Calculation	05/20/09 12:28 / kbh
Anions	4.86	meq/L				Calculation	05/20/09 12:28 / kbh
Cations	4.45	meq/L				Calculation	05/20/09 12:28 / kbh
Solids, Total Dissolved Calculated	313	mg/L				Calculation	05/20/09 12:28 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	05/20/09 12:28 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-004
Client Sample ID: M-125

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	117	mg/L		1		A2320 B	05/11/09 21:49 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 21:49 / ljl
Bicarbonate as HCO3	142	mg/L		1		A2320 B	05/11/09 21:49 / ljl
Calcium	66	mg/L		1		E200.7	05/07/09 16:36 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 15:04 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:30 / ljl
Magnesium	4	mg/L		1		E200.7	05/07/09 16:36 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:07 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.05	mg/L		0.05		E353.2	05/08/09 13:16 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 16:36 / rdw
Silica	15.3	mg/L		0.2		E200.7	05/13/09 14:48 / cp
Sodium	30	mg/L		1		E200.7	05/07/09 16:36 / rdw
Sulfate	153	mg/L		1		E300.0	05/23/09 15:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	545	umhos/cm		1		A2510 B	05/06/09 14:10 / dd
pH	8.17	s.u.		0.01		A4500-H B	05/06/09 14:10 / dd
Solids, Total Dissolved TDS @ 180 C	379	mg/L		10		A2540 C	05/06/09 16:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 14:11 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/08/09 14:11 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 16:36 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:48 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 14:11 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 14:11 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 14:11 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 16:36 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 14:11 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 16:36 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 14:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 14:11 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 14:11 / ts
Selenium	0.013	mg/L		0.001		E200.8	05/08/09 14:11 / ts
Uranium	0.296	mg/L		0.0003		E200.8	05/08/09 14:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 14:11 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/08/09 14:11 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/08/09 19:41 / rdw
Manganese	ND	mg/L		0.01		E200.7	05/13/09 21:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-004
Client Sample ID: M-125

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	368	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha precision (±)	8.8	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta	97.9	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Radium 226	2.1	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.26	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.10	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	3.6	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.89	%				Calculation	05/28/09 07:24 / kbh
Anions	5.63	meq/L				Calculation	05/28/09 07:24 / kbh
Cations	5.01	meq/L				Calculation	05/28/09 07:24 / kbh
Solids, Total Dissolved Calculated	350	mg/L				Calculation	05/28/09 07:24 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/28/09 07:24 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-005
Client Sample ID: M-124

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	05/11/09 21:56 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 21:56 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	05/11/09 21:56 / ljl
Calcium	54	mg/L		1		E200.7	05/07/09 16:41 / rdw
Chloride	4	mg/L		1		E300.0	05/18/09 22:00 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:32 / ljl
Magnesium	2	mg/L		1		E200.7	05/07/09 16:41 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:08 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:17 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 16:41 / rdw
Silica	16.2	mg/L		0.2		E200.7	05/13/09 14:52 / cp
Sodium	30	mg/L		1		E200.7	05/07/09 16:41 / rdw
Sulfate	107	mg/L		1		E300.0	05/18/09 22:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	462	umhos/cm		1		A2510 B	05/06/09 14:11 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/06/09 14:11 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	05/06/09 16:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 14:32 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 14:32 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 16:41 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:52 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 14:32 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 14:32 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 14:32 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 16:41 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 14:32 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 16:41 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 14:32 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 14:32 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 14:32 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 14:32 / ts
Uranium	0.0559	mg/L		0.0003		E200.8	05/08/09 14:32 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 14:32 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 14:32 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:13 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 21:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-005
Client Sample ID: M-124

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	60.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	18.2	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	1.6	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	4.1	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.34	%				Calculation	05/20/09 12:55 / kbh
Anions	4.61	meq/L				Calculation	05/20/09 12:55 / kbh
Cations	4.22	meq/L				Calculation	05/20/09 12:55 / kbh
Solids, Total Dissolved Calculated	289	mg/L				Calculation	05/20/09 12:55 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	05/20/09 12:55 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-006
Client Sample ID: M-123

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/11/09 22:04 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	05/11/09 22:04 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	05/11/09 22:04 / ljl
Calcium	54	mg/L		1		E200.7	05/07/09 17:12 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 15:50 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:35 / ljl
Magnesium	2	mg/L		1		E200.7	05/07/09 17:12 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:10 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:24 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 17:12 / rdw
Silica	16.2	mg/L		0.2		E200.7	05/13/09 14:56 / cp
Sodium	31	mg/L		1		E200.7	05/07/09 17:12 / rdw
Sulfate	119	mg/L		1		E300.0	05/23/09 15:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	484	umhos/cm		1		A2510 B	05/06/09 14:13 / dd
pH	8.39	s.u.		0.01		A4500-H B	05/06/09 14:13 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	05/06/09 16:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 14:38 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/08/09 14:38 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:12 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 14:56 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 14:38 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 14:38 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 14:38 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:12 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 14:38 / ts
Manganese	0.01	mg/L		0.01		E200.7	05/07/09 17:12 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 14:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 14:38 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 14:38 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 14:38 / ts
Uranium	0.0142	mg/L		0.0003		E200.8	05/08/09 14:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 14:38 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 14:38 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:17 / cp
Manganese	0.01	mg/L		0.01		E200.7	05/13/09 21:17 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-006
Client Sample ID: M-123

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	31.9	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha precision (±)	2.7	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta	14.4	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Radium 226	2.9	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	4.4	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.20	%				Calculation	05/28/09 07:34 / kbh
Anions	4.84	meq/L				Calculation	05/28/09 07:34 / kbh
Cations	4.45	meq/L				Calculation	05/28/09 07:34 / kbh
Solids, Total Dissolved Calculated	303	mg/L				Calculation	05/28/09 07:34 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/28/09 07:34 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-007
Client Sample ID: M-122

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/11/09 22:19 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 22:19 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	05/11/09 22:19 / ljl
Calcium	56	mg/L		1		E200.7	05/07/09 17:17 / rdw
Chloride	4	mg/L		1		E300.0	05/18/09 22:31 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:38 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 17:17 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:11 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:25 / eli-b
Potassium	3	mg/L		1		E200.7	05/07/09 17:17 / rdw
Silica	15.6	mg/L		0.2		E200.7	05/13/09 15:13 / cp
Sodium	34	mg/L		1		E200.7	05/07/09 17:17 / rdw
Sulfate	124	mg/L		1		E300.0	05/18/09 22:31 / ljl
PHYSICAL PROPERTIES							
Conductivity	503	umhos/cm		1		A2510 B	05/06/09 14:14 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/06/09 14:14 / dd
Solids, Total Dissolved TDS @ 180 C	335	mg/L		10		A2540 C	05/06/09 16:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 15:26 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 15:26 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:17 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 15:13 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 15:26 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 15:26 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 15:26 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:17 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 15:26 / ts
Manganese	0.02	mg/L		0.01		E200.7	05/07/09 17:17 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 15:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 15:26 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 15:26 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 15:26 / ts
Uranium	0.0483	mg/L		0.0003		E200.8	05/08/09 15:26 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 15:26 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 15:26 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:21 / cp
Manganese	0.02	mg/L		0.01		E200.7	05/13/09 21:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-007
Client Sample ID: M-122

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	79.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	4.0	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	29.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	8.6	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.51	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.10	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	2.5	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.69	%				Calculation	05/20/09 12:58 / kbh
Anions	5.00	meq/L				Calculation	05/20/09 12:58 / kbh
Cations	4.55	meq/L				Calculation	05/20/09 12:58 / kbh
Solids, Total Dissolved Calculated	312	mg/L				Calculation	05/20/09 12:58 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 12:58 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-008
Client Sample ID: M-119

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/11/09 22:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 22:26 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	05/11/09 22:26 / ljl
Calcium	57	mg/L		1		E200.7	05/07/09 17:27 / rdw
Chloride	5	mg/L		1		E300.0	05/18/09 22:46 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:40 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 17:27 / rdw
Nitrogen, Ammonia as N	0.09	mg/L		0.05		E350.1	05/08/09 10:12 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:27 / eli-b
Potassium	3	mg/L		1		E200.7	05/07/09 17:27 / rdw
Silica	15.7	mg/L		0.2		E200.7	05/13/09 15:17 / cp
Sodium	35	mg/L		1		E200.7	05/07/09 17:27 / rdw
Sulfate	127	mg/L		1		E300.0	05/18/09 22:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	504	umhos/cm		1		A2510 B	05/06/09 14:16 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/06/09 14:16 / dd
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	05/06/09 16:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 15:33 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/08/09 15:33 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:27 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 15:17 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 15:33 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 15:33 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 15:33 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:27 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 15:33 / ts
Manganese	0.04	mg/L		0.01		E200.7	05/07/09 17:27 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 15:33 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 15:33 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 15:33 / ts
Selenium	0.001	mg/L		0.001		E200.8	05/08/09 15:33 / ts
Uranium	0.0856	mg/L		0.0003		E200.8	05/08/09 15:33 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 15:33 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 15:33 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:25 / cp
Manganese	0.04	mg/L		0.01		E200.7	05/13/09 21:25 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-008
Client Sample ID: M-119

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	106	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	4.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	30.1	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	1.4	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	2.1	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.78	%				Calculation	05/20/09 12:59 / kbh
Anions	5.06	meq/L				Calculation	05/20/09 12:59 / kbh
Cations	4.70	meq/L				Calculation	05/20/09 12:59 / kbh
Solids, Total Dissolved Calculated	318	mg/L				Calculation	05/20/09 12:59 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 12:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-009
Client Sample ID: MP-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	05/11/09 22:34 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 22:34 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	05/11/09 22:34 / ljl
Calcium	50	mg/L		1		E200.7	05/07/09 17:32 / rdw
Chloride	5	mg/L		1		E300.0	05/18/09 23:02 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 13:49 / ljl
Magnesium	2	mg/L		1		E200.7	05/07/09 17:32 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:13 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:28 / eli-b
Potassium	12	mg/L		1		E200.7	05/07/09 17:32 / rdw
Silica	14.3	mg/L		0.2		E200.7	05/13/09 15:21 / cp
Sodium	35	mg/L		1		E200.7	05/07/09 17:32 / rdw
Sulfate	128	mg/L		1		E300.0	05/18/09 23:02 / ljl
PHYSICAL PROPERTIES							
Conductivity	497	umhos/cm		1		A2510 B	05/06/09 14:17 / dd
pH	8.38	s.u.		0.01		A4500-H B	05/06/09 14:17 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	05/06/09 16:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 15:40 / ts
Arsenic	0.007	mg/L		0.001		E200.8	05/08/09 15:40 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:32 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 15:21 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 15:40 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 15:40 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 15:40 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:32 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 15:40 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:32 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 15:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 15:40 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 15:40 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 15:40 / ts
Uranium	0.254	mg/L		0.0003		E200.8	05/08/09 15:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 15:40 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 15:40 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:29 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 21:29 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-009
Client Sample ID: MP-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1700	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	17.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	646	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	6.3	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	689	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	4.5	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.10	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	10.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.10	%				Calculation	05/20/09 12:59 / kbh
Anions	4.87	meq/L				Calculation	05/20/09 12:59 / kbh
Cations	4.48	meq/L				Calculation	05/20/09 12:59 / kbh
Solids, Total Dissolved Calculated	311	mg/L				Calculation	05/20/09 12:59 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	05/20/09 12:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-010
Client Sample ID: MO-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	92	mg/L		1		A2320 B	05/11/09 22:41 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/11/09 22:41 / ljl
Bicarbonate as HCO3	101	mg/L		1		A2320 B	05/11/09 22:41 / ljl
Calcium	45	mg/L		1		E200.7	05/07/09 17:37 / rdw
Chloride	7	mg/L		1		E300.0	05/18/09 23:17 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:05 / ljl
Magnesium	1	mg/L		1		E200.7	05/07/09 17:37 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:14 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	05/08/09 13:29 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 17:37 / rdw
Silica	12.6	mg/L		0.2		E200.7	05/13/09 15:25 / cp
Sodium	33	mg/L		1		E200.7	05/07/09 17:37 / rdw
Sulfate	96	mg/L		1		E300.0	05/18/09 23:17 / ljl
PHYSICAL PROPERTIES							
Conductivity	417	umhos/cm		1		A2510 B	05/06/09 14:19 / dd
pH	8.78	s.u.		0.01		A4500-H B	05/06/09 14:19 / dd
Solids, Total Dissolved TDS @ 180 C	258	mg/L		10		A2540 C	05/06/09 16:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 15:47 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 15:47 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:37 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 15:25 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 15:47 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 15:47 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 15:47 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:37 / rdw
Lead	0.002	mg/L		0.001		E200.8	05/08/09 15:47 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:37 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 15:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 15:47 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 15:47 / ts
Selenium	0.021	mg/L		0.001		E200.8	05/08/09 15:47 / ts
Uranium	0.313	mg/L		0.0003		E200.8	05/08/09 15:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 15:47 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 15:47 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 21:54 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 21:54 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-010
Client Sample ID: MO-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	294	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	7.2	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	89.2	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	3.1	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.32	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	7.0	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.36	%				Calculation	05/20/09 12:59 / kbh
Anions	4.07	meq/L				Calculation	05/20/09 12:59 / kbh
Cations	3.88	meq/L				Calculation	05/20/09 12:59 / kbh
Solids, Total Dissolved Calculated	259	mg/L				Calculation	05/20/09 12:59 / kbh
TDS Balance (0.80 - 1.20)	1.00					Calculation	05/20/09 12:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-011
Client Sample ID: M-131

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	91	mg/L		1		A2320 B	05/11/09 22:49 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/11/09 22:49 / ljl
Bicarbonate as HCO3	99	mg/L		1		A2320 B	05/11/09 22:49 / ljl
Calcium	42	mg/L		1		E200.7	05/07/09 17:42 / rdw
Chloride	8	mg/L		1		E300.0	05/18/09 23:33 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:07 / ljl
Magnesium	1	mg/L		1		E200.7	05/07/09 17:42 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:18 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.14	mg/L		0.05		E353.2	05/08/09 13:30 / eli-b
Potassium	4	mg/L		1		E200.7	05/07/09 17:42 / rdw
Silica	12.1	mg/L		0.2		E200.7	05/13/09 15:29 / cp
Sodium	32	mg/L		1		E200.7	05/07/09 17:42 / rdw
Sulfate	96	mg/L		1		E300.0	05/18/09 23:33 / ljl
PHYSICAL PROPERTIES							
Conductivity	418	umhos/cm		1		A2510 B	05/06/09 14:29 / dd
pH	8.72	s.u.		0.01		A4500-H B	05/06/09 14:29 / dd
Solids, Total Dissolved TDS @ 180 C	265	mg/L		10		A2540 C	05/06/09 16:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 15:53 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 15:53 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:42 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 15:29 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 15:53 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 15:53 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 15:53 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:42 / rdw
Lead	0.003	mg/L		0.001		E200.8	05/08/09 15:53 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:42 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 15:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 15:53 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 15:53 / ts
Selenium	0.021	mg/L		0.001		E200.8	05/08/09 15:53 / ts
Uranium	0.300	mg/L		0.0003		E200.8	05/08/09 15:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 15:53 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 15:53 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:02 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:02 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-011
Client Sample ID: M-131

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	260	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	6.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	88.5	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	3.2	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.1	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	4.2	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.69	%				Calculation	05/20/09 13:00 / kbh
Anions	4.06	meq/L				Calculation	05/20/09 13:00 / kbh
Cations	3.69	meq/L				Calculation	05/20/09 13:00 / kbh
Solids, Total Dissolved Calculated	254	mg/L				Calculation	05/20/09 13:00 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/20/09 13:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-012
Client Sample ID: MU-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	27	mg/L	B	1		A2320 B	05/11/09 23:11 / ljl
Carbonate as CO3	11	mg/L		1		A2320 B	05/11/09 23:11 / ljl
Bicarbonate as HCO3	10	mg/L	B	1		A2320 B	05/11/09 23:11 / ljl
Calcium	23	mg/L		1		E200.7	05/07/09 17:47 / rdw
Chloride	10	mg/L		1		E300.0	05/19/09 00:19 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:10 / ljl
Magnesium	ND	mg/L		1		E200.7	05/07/09 17:47 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:21 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	05/08/09 13:31 / eli-b
Potassium	13	mg/L		1		E200.7	05/07/09 17:47 / rdw
Silica	14.2	mg/L		0.2		E200.7	05/13/09 16:29 / cp
Sodium	36	mg/L		1		E200.7	05/07/09 17:47 / rdw
Sulfate	111	mg/L		1		E300.0	05/19/09 00:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	370	umhos/cm		1		A2510 B	05/06/09 14:30 / dd
pH	9.88	s.u.		0.01		A4500-H B	05/06/09 14:30 / dd
Solids, Total Dissolved TDS @ 180 C	237	mg/L		10		A2540 C	05/06/09 16:30 / rp
METALS - DISSOLVED							
Aluminum	0.2	mg/L		0.1		E200.8	05/08/09 16:00 / ts
Arsenic	0.022	mg/L		0.001		E200.8	05/08/09 16:00 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 17:47 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:29 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 16:00 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 16:00 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 16:00 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 17:47 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 16:00 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 17:47 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 16:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 16:00 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 16:00 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 16:00 / ts
Uranium	0.0736	mg/L		0.0003		E200.8	05/08/09 16:00 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 16:00 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 16:00 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:06 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-012
Client Sample ID: MU-110

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	73.4	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	3.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	40.0	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	3.0	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	0.28	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.09	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	3.6	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.743	%				Calculation	05/20/09 13:01 / kbh
Anions	3.17	meq/L				Calculation	05/20/09 13:01 / kbh
Cations	3.12	meq/L				Calculation	05/20/09 13:01 / kbh
Solids, Total Dissolved Calculated	230	mg/L				Calculation	05/20/09 13:01 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/20/09 13:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-013
Client Sample ID: MP-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	35	mg/L	B	1		A2320 B	05/11/09 23:18 / ljl
Carbonate as CO3	20	mg/L		1		A2320 B	05/11/09 23:18 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	05/11/09 23:18 / ljl
Calcium	32	mg/L		1		E200.7	05/07/09 18:08 / rdw
Chloride	7	mg/L		1		E300.0	05/19/09 00:34 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:13 / ljl
Magnesium	ND	mg/L		1		E200.7	05/07/09 18:08 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:23 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:32 / eli-b
Potassium	11	mg/L		1		E200.7	05/07/09 18:08 / rdw
Silica	13.4	mg/L		0.2		E200.7	05/13/09 16:38 / cp
Sodium	37	mg/L		1		E200.7	05/07/09 18:08 / rdw
Sulfate	127	mg/L		1		E300.0	05/19/09 00:34 / ljl
PHYSICAL PROPERTIES							
Conductivity	415	umhos/cm		1		A2510 B	05/06/09 14:32 / dd
pH	10.2	s.u.		0.01		A4500-H B	05/06/09 14:32 / dd
Solids, Total Dissolved TDS @ 180 C	261	mg/L		10		A2540 C	05/06/09 16:30 / rp
METALS - DISSOLVED							
Aluminum	0.3	mg/L		0.1		E200.8	05/08/09 16:07 / ts
Arsenic	0.026	mg/L		0.001		E200.8	05/08/09 16:07 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:08 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 16:07 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 16:07 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 16:07 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:08 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 16:07 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:08 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 16:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 16:07 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 16:07 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 16:07 / ts
Uranium	0.301	mg/L		0.0003		E200.8	05/08/09 16:07 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 16:07 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 16:07 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:10 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:10 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-013
Client Sample ID: MP-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	635	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	10.7	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	270	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	121	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 precision (±)	1.9	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 226 MDC	0.10	pCi/L				E903.0	05/26/09 16:46 / jah
Radium 228	2.0	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 12:46 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 12:46 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.45	%				Calculation	05/20/09 13:01 / kbh
Anions	3.57	meq/L				Calculation	05/20/09 13:01 / kbh
Cations	3.47	meq/L				Calculation	05/20/09 13:01 / kbh
Solids, Total Dissolved Calculated	252	mg/L				Calculation	05/20/09 13:01 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/20/09 13:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-014
Client Sample ID: MU-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	44	mg/L		1		A2320 B	05/11/09 23:25 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/11/09 23:25 / ljl
Bicarbonate as HCO3	46	mg/L	B	1		A2320 B	05/11/09 23:25 / ljl
Calcium	34	mg/L		1		E200.7	05/07/09 18:13 / rdw
Chloride	11	mg/L		1		E300.0	05/19/09 01:20 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:16 / ljl
Magnesium	ND	mg/L		1		E200.7	05/07/09 18:13 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	05/08/09 10:24 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:34 / eli-b
Potassium	11	mg/L		1		E200.7	05/07/09 18:13 / rdw
Silica	14.8	mg/L		0.2		E200.7	05/13/09 16:42 / cp
Sodium	38	mg/L		1		E200.7	05/07/09 18:13 / rdw
Sulfate	115	mg/L		1		E300.0	05/19/09 01:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	426	umhos/cm		1		A2510 B	05/06/09 14:33 / dd
pH	9.34	s.u.		0.01		A4500-H B	05/06/09 14:33 / dd
Solids, Total Dissolved TDS @ 180 C	278	mg/L		10		A2540 C	05/06/09 16:31 / rp
METALS - DISSOLVED							
Aluminum	0.1	mg/L		0.1		E200.8	05/08/09 16:13 / ts
Arsenic	0.011	mg/L		0.001		E200.8	05/08/09 16:13 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:13 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 16:13 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 16:13 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 16:13 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:13 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 16:13 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:13 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 16:13 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 16:13 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 16:13 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 16:13 / ts
Uranium	0.0064	mg/L		0.0003		E200.8	05/08/09 16:13 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 16:13 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 16:13 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:14 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:14 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-014
Client Sample ID: MU-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	16.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha precision (±)	2.0	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta	13.9	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/01/09 22:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/01/09 22:25 / cgr
Radium 226	1.8	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	0.28	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	2.4	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	1.40	%				Calculation	05/20/09 13:02 / kbh
Anions	3.59	meq/L				Calculation	05/20/09 13:02 / kbh
Cations	3.69	meq/L				Calculation	05/20/09 13:02 / kbh
Solids, Total Dissolved Calculated	255	mg/L				Calculation	05/20/09 13:02 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	05/20/09 13:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-015
Client Sample ID: MO-113

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	05/11/09 23:32 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/11/09 23:32 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	05/11/09 23:32 / ljl
Calcium	49	mg/L		1		E200.7	05/07/09 18:18 / rdw
Chloride	7	mg/L		1		E300.0	05/19/09 01:36 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:19 / ljl
Magnesium	3	mg/L		1		E200.7	05/07/09 18:18 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	05/11/09 10:43 / eli-b
Potassium	2	mg/L		1		E200.7	05/07/09 18:18 / rdw
Silica	14.5	mg/L		0.2		E200.7	05/13/09 16:46 / cp
Sodium	29	mg/L		1		E200.7	05/07/09 18:18 / rdw
Sulfate	102	mg/L		1		E300.0	05/19/09 01:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	446	umhos/cm		1		A2510 B	05/06/09 14:35 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/06/09 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	292	mg/L		10		A2540 C	05/06/09 16:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/13/09 16:46 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/08/09 18:29 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:18 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:46 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 18:29 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 18:29 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 18:29 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:18 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 18:29 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:18 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 18:29 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 18:29 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 18:29 / ts
Selenium	0.043	mg/L		0.001		E200.8	05/08/09 18:29 / ts
Uranium	0.629	mg/L		0.0003		E200.8	05/08/09 18:29 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 18:29 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 18:29 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:18 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:18 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-015
Client Sample ID: MO-113

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	612	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha precision (±)	10.3	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta	237	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Radium 226	34	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	1.1	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	1.9	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.92	%				Calculation	05/20/09 13:03 / kbh
Anions	4.41	meq/L				Calculation	05/20/09 13:03 / kbh
Cations	3.99	meq/L				Calculation	05/20/09 13:03 / kbh
Solids, Total Dissolved Calculated	273	mg/L				Calculation	05/20/09 13:03 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 13:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-016
Client Sample ID: MU-113

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	67	mg/L		1		A2320 B	05/11/09 23:39 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	05/11/09 23:39 / ljl
Bicarbonate as HCO3	77	mg/L		1		A2320 B	05/11/09 23:39 / ljl
Calcium	45	mg/L		1		E200.7	05/07/09 18:33 / rdw
Chloride	11	mg/L		1		E300.0	05/19/09 01:51 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 14:22 / ljl
Magnesium	ND	mg/L		1		E200.7	05/07/09 18:33 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	05/08/09 10:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 10:45 / eli-b
Potassium	11	mg/L		1		E200.7	05/07/09 18:33 / rdw
Silica	14.1	mg/L		0.2		E200.7	05/13/09 16:50 / cp
Sodium	33	mg/L		1		E200.7	05/07/09 18:33 / rdw
Sulfate	117	mg/L		1		E300.0	05/19/09 01:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	463	umhos/cm		1		A2510 B	05/06/09 14:36 / dd
pH	9.08	s.u.		0.01		A4500-H B	05/06/09 14:36 / dd
Solids, Total Dissolved TDS @ 180 C	292	mg/L		10		A2540 C	05/06/09 16:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/13/09 16:50 / cp
Arsenic	0.018	mg/L		0.001		E200.8	05/08/09 18:36 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:33 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 18:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 18:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 18:36 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:33 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 18:36 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:33 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 18:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 18:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 18:36 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 18:36 / ts
Uranium	0.0254	mg/L		0.0003		E200.8	05/08/09 18:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 18:36 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 18:36 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:22 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:22 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-016
Client Sample ID: MU-113

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	32.0	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha precision (±)	2.6	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta	21.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Radium 226	3.1	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	0.35	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	4.2	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.986	%				Calculation	05/20/09 13:03 / kbh
Anions	4.09	meq/L				Calculation	05/20/09 13:03 / kbh
Cations	4.01	meq/L				Calculation	05/20/09 13:03 / kbh
Solids, Total Dissolved Calculated	276	mg/L				Calculation	05/20/09 13:03 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 13:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-017
Client Sample ID: MO-111

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	101	mg/L		1		A2320 B	05/12/09 00:10 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/12/09 00:10 / ljl
Bicarbonate as HCO3	113	mg/L		1		A2320 B	05/12/09 00:10 / ljl
Calcium	51	mg/L		1		E200.7	05/07/09 18:38 / rdw
Chloride	5	mg/L		1		E300.0	05/19/09 02:07 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 14:26 / ljl
Magnesium	2	mg/L		1		E200.7	05/07/09 18:38 / rdw
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	05/08/09 10:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 10:46 / eli-b
Potassium	8	mg/L		1		E200.7	05/07/09 18:38 / rdw
Silica	13.4	mg/L		0.2		E200.7	05/13/09 16:54 / cp
Sodium	33	mg/L		1		E200.7	05/07/09 18:38 / rdw
Sulfate	126	mg/L		1		E300.0	05/19/09 02:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	499	umhos/cm		1		A2510 B	05/06/09 14:38 / dd
pH	8.73	s.u.		0.01		A4500-H B	05/06/09 14:38 / dd
Solids, Total Dissolved TDS @ 180 C	310	mg/L		10		A2540 C	05/06/09 16:32 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 20:25 / ts
Arsenic	0.011	mg/L		0.001		E200.8	05/08/09 20:25 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:38 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:54 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 20:25 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 20:25 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 20:25 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:38 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 20:25 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:38 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 20:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 20:25 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 20:25 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 20:25 / ts
Uranium	0.424	mg/L		0.0003		E200.8	05/08/09 20:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 20:25 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 20:25 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:26 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:26 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-017
Client Sample ID: MO-111

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1060	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha precision (±)	13.7	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta	544	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta precision (±)	6.2	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Radium 226	360	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	3.5	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	5.1	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.01	%				Calculation	05/20/09 13:04 / kbh
Anions	4.81	meq/L				Calculation	05/20/09 13:04 / kbh
Cations	4.35	meq/L				Calculation	05/20/09 13:04 / kbh
Solids, Total Dissolved Calculated	303	mg/L				Calculation	05/20/09 13:04 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 13:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-018
Client Sample ID: MO-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	43	mg/L		1		A2320 B	05/12/09 00:17 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/12/09 00:17 / ljl
Bicarbonate as HCO3	41	mg/L	B	1		A2320 B	05/12/09 00:17 / ljl
Calcium	30	mg/L		1		E200.7	05/07/09 18:43 / rdw
Chloride	9	mg/L		1		E300.0	05/19/09 02:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 14:29 / ljl
Magnesium	2	mg/L		1		E200.7	05/07/09 18:43 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.31	mg/L		0.05		E353.2	05/11/09 10:47 / eli-b
Potassium	2	mg/L		1		E200.7	05/07/09 18:43 / rdw
Silica	14.9	mg/L		0.2		E200.7	05/13/09 16:58 / cp
Sodium	27	mg/L		1		E200.7	05/07/09 18:43 / rdw
Sulfate	87	mg/L		1		E300.0	05/19/09 02:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	322	umhos/cm		1		A2510 B	05/06/09 14:39 / dd
pH	9.36	s.u.		0.01		A4500-H B	05/06/09 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	205	mg/L		10		A2540 C	05/06/09 16:32 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 20:32 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 20:32 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:43 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 16:58 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 20:32 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 20:32 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 20:32 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:43 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 20:32 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:43 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 20:32 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 20:32 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 20:32 / ts
Selenium	0.030	mg/L		0.001		E200.8	05/08/09 20:32 / ts
Uranium	0.146	mg/L		0.0003		E200.8	05/08/09 20:32 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 20:32 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 20:32 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 22:30 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 22:30 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-018
Client Sample ID: MO-112

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	148	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha precision (±)	4.7	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta	56.8	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Radium 226	0.74	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	0.20	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	0.6	pCi/L	U			RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.89	%				Calculation	05/20/09 13:04 / kbh
Anions	2.96	meq/L				Calculation	05/20/09 13:04 / kbh
Cations	2.85	meq/L				Calculation	05/20/09 13:04 / kbh
Solids, Total Dissolved Calculated	203	mg/L				Calculation	05/20/09 13:04 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	05/20/09 13:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-019
Client Sample ID: M-132

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	05/12/09 00:22 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/12/09 00:22 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	05/12/09 00:22 / ljl
Calcium	ND	mg/L		1		E200.7	05/07/09 18:48 / rdw
Chloride	ND	mg/L		1		E300.0	05/19/09 02:37 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/11/09 14:42 / ljl
Magnesium	ND	mg/L		1		E200.7	05/07/09 18:48 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 10:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/08/09 13:21 / eli-b
Potassium	ND	mg/L		1		E200.7	05/07/09 18:48 / rdw
Silica	ND	mg/L		0.2		E200.7	05/13/09 17:02 / cp
Sodium	ND	mg/L		1		E200.7	05/07/09 18:48 / rdw
Sulfate	ND	mg/L		1		E300.0	05/19/09 02:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	8	umhos/cm	B	1		A2510 B	05/06/09 14:43 / dd
pH	6.68	s.u.		0.01		A4500-H B	05/06/09 14:43 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/06/09 16:32 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 20:39 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/08/09 20:39 / ts
Barium	ND	mg/L		0.1		E200.7	05/07/09 18:48 / rdw
Boron	ND	mg/L		0.1		E200.7	05/13/09 17:02 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 20:39 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 20:39 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 20:39 / ts
Iron	ND	mg/L		0.03		E200.7	05/07/09 18:48 / rdw
Lead	ND	mg/L		0.001		E200.8	05/08/09 20:39 / ts
Manganese	ND	mg/L		0.01		E200.7	05/07/09 18:48 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/08/09 20:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 20:39 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 20:39 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 20:39 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/08/09 20:39 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 20:39 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 20:39 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/13/09 23:23 / cp
Manganese	ND	mg/L		0.01		E200.7	05/13/09 23:23 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050144-019
Client Sample ID: M-132

Report Date: 07/02/09
Collection Date: 05/05/09
DateReceived: 05/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.02	pCi/L	U			E900.0	06/03/09 01:01 / cgr
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Alpha MDC	0.9	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta	-3	pCi/L	U			E900.0	06/03/09 01:01 / cgr
Gross Beta precision (±)	1.6	pCi/L				E900.0	06/03/09 01:01 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/03/09 01:01 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	05/26/09 18:00 / trs
Radium 226 precision (±)	0.08	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/26/09 18:00 / trs
Radium 228	-0.3	pCi/L	U			RA-05	05/19/09 14:50 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/19/09 14:50 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/19/09 14:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-64.6	%				Calculation	05/20/09 13:06 / kbh
Anions	0.0409	meq/L				Calculation	05/20/09 13:06 / kbh
Cations	0.00879	meq/L				Calculation	05/20/09 13:06 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B									Batch: R118037
Sample ID: MBLK	Method Blank				Run: MANTECH_090511B				05/11/09 16:50
Alkalinity, Total as CaCO3	4	mg/L	0.2						
Carbonate as CO3	ND	mg/L	1						
Bicarbonate as HCO3	5	mg/L	1						
Sample ID: LCS1	Laboratory Control Sample				Run: MANTECH_090511B				05/11/09 17:05
Alkalinity, Total as CaCO3	207	mg/L	5.0	102	90	110			
Sample ID: LCS	Laboratory Control Sample				Run: MANTECH_090511B				05/11/09 17:12
Alkalinity, Total as CaCO3	52.8	mg/L	5.0	98	90	110			
Sample ID: C09050144-001AMS	Sample Matrix Spike				Run: MANTECH_090511B				05/11/09 21:20
Alkalinity, Total as CaCO3	240	mg/L	5.0	102	80	120			
Sample ID: C09050144-001AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511B				05/11/09 21:28
Alkalinity, Total as CaCO3	239	mg/L	5.0	101	80	120	0.3	20	
Sample ID: C09050144-011AMS	Sample Matrix Spike				Run: MANTECH_090511B				05/11/09 22:57
Alkalinity, Total as CaCO3	216	mg/L	5.0	100	80	120			
Sample ID: C09050144-011AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511B				05/11/09 23:05
Alkalinity, Total as CaCO3	219	mg/L	5.0	102	80	120	1.2	20	
Sample ID: C09050153-001AMS	Sample Matrix Spike				Run: MANTECH_090511B				05/12/09 00:46
Alkalinity, Total as CaCO3	305	mg/L	5.0	91	80	120			
Sample ID: C09050153-001AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511B				05/12/09 00:53
Alkalinity, Total as CaCO3	304	mg/L	5.0	91	80	120	0.3	20	
Method: A2510 B									Analytical Run: ORION555A_090506B
Sample ID: ICV2_090506_2	Initial Calibration Verification Standard								05/06/09 13:45
Conductivity	1530	umhos/cm	1.0	108	90	110			
Method: A2510 B									Batch: 090506_2_PH-W_555A-1
Sample ID: MBLK1_090506_2	Method Blank				Run: ORION555A_090506B				05/06/09 13:41
Conductivity	2	umhos/cm	0.2						
Sample ID: C09050144-010ADUP	Sample Duplicate				Run: ORION555A_090506B				05/06/09 14:20
Conductivity	417	umhos/cm	1.0				0	10	
Sample ID: C09050144-019ADUP	Sample Duplicate				Run: ORION555A_090506B				05/06/09 14:47
Conductivity	8.10	umhos/cm	1.0				1.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C								Batch: 090506_1_SLDS-TDS-W	
Sample ID: MBLK1_090506	Method Blank				Run: BAL-1_090506B			05/06/09 13:50	
Solids, Total Dissolved TDS @ 180 C	ND	mg/L	6						
Sample ID: LCS1_090506	Laboratory Control Sample				Run: BAL-1_090506B			05/06/09 13:50	
Solids, Total Dissolved TDS @ 180 C	1000	mg/L	10	100	90	110			
Sample ID: C09050141-002AMS	Sample Matrix Spike				Run: BAL-1_090506B			05/06/09 13:54	
Solids, Total Dissolved TDS @ 180 C	15800	mg/L	10	102	90	110			
Sample ID: C09050141-002AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090506B			05/06/09 13:54	
Solids, Total Dissolved TDS @ 180 C	15800	mg/L	10	103	90	110	0.4	10	
Sample ID: C09050144-006AMS	Sample Matrix Spike				Run: BAL-1_090506B			05/06/09 16:27	
Solids, Total Dissolved TDS @ 180 C	2360	mg/L	10	102	90	110			
Sample ID: C09050144-006AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090506B			05/06/09 16:28	
Solids, Total Dissolved TDS @ 180 C	2350	mg/L	10	102	90	110	0.1	10	
Sample ID: C09050144-016AMS	Sample Matrix Spike				Run: BAL-1_090506B			05/06/09 16:31	
Solids, Total Dissolved TDS @ 180 C	2310	mg/L	10	101	90	110			
Sample ID: C09050144-016AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090506B			05/06/09 16:32	
Solids, Total Dissolved TDS @ 180 C	2300	mg/L	10	101	90	110	0.3	10	
Sample ID: C09050144-019AMS	Sample Matrix Spike				Run: BAL-1_090506B			05/06/09 16:33	
Solids, Total Dissolved TDS @ 180 C	2030	mg/L	10	102	90	110			
Sample ID: C09050144-019AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090506B			05/06/09 16:33	
Solids, Total Dissolved TDS @ 180 C	2030	mg/L	10	102	90	110	0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C									Batch: R118028
Sample ID: MBLK-1	Method Blank				Run: MANTECH_090511A				05/11/09 10:42
Fluoride	ND	mg/L	0.05						
Sample ID: LCS-1	Laboratory Control Sample				Run: MANTECH_090511A				05/11/09 10:45
Fluoride	1.02	mg/L	0.10	102	90	110			
Sample ID: C09050081-022AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 12:57
Fluoride	0.980	mg/L	0.10	98	80	120			
Sample ID: C09050081-022AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 13:00
Fluoride	1.00	mg/L	0.10	100	80	120	2	10	
Sample ID: C09050144-008AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 13:43
Fluoride	1.12	mg/L	0.10	99	80	120			
Sample ID: C09050144-008AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 13:46
Fluoride	1.14	mg/L	0.10	101	80	120	1.8	10	
Sample ID: C09050144-018AMS	Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 14:32
Fluoride	1.21	mg/L	0.10	99	80	120			
Sample ID: C09050144-018AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 14:35
Fluoride	1.21	mg/L	0.10	99	80	120	0	10	
Method: A4500-H B									Analytical Run: ORION555A_090506B
Sample ID: ICV1_090506_2	Initial Calibration Verification Standard								05/06/09 13:43
pH	6.98	s.u.	0.010	102	98	102			
Method: A4500-H B									Batch: 090506_2_PH-W_555A-1
Sample ID: C09050144-010ADUP	Sample Duplicate				Run: ORION555A_090506B				05/06/09 14:20
pH	8.78	s.u.	0.010				0	10	
Sample ID: C09050144-019ADUP	Sample Duplicate				Run: ORION555A_090506B				05/06/09 14:47
pH	6.66	s.u.	0.010				0.3	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117913
Sample ID: LRB	Method Blank				Run: ICP3-C_090507A				05/07/09 12:17
Barium	ND	mg/L	0.003						
Calcium	0.2	mg/L	0.2						
Iron	0.04	mg/L	0.01						
Magnesium	0.2	mg/L	0.2						
Manganese	ND	mg/L	0.003						
Potassium	0.03	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090507A				05/07/09 12:22
Barium	0.986	mg/L	0.10	99	85	115			
Calcium	47.5	mg/L	0.50	95	85	115			
Iron	5.02	mg/L	0.030	100	85	115			
Magnesium	47.8	mg/L	0.50	95	85	115			
Manganese	4.85	mg/L	0.010	97	85	115			
Potassium	46.6	mg/L	0.50	93	85	115			
Sodium	47.6	mg/L	0.50	95	85	115			
Sample ID: MB-22265	Method Blank				Run: ICP3-C_090507A				05/07/09 15:20
Barium	ND	mg/L	0.003						
Calcium	0.3	mg/L	0.2						
Iron	ND	mg/L	0.01						
Magnesium	ND	mg/L	0.2						
Manganese	ND	mg/L	0.003						
Potassium	0.3	mg/L	0.03						
Sodium	1.0	mg/L	0.1						
Sample ID: C09050144-005BMS	Sample Matrix Spike				Run: ICP3-C_090507A				05/07/09 17:02
Barium	0.439	mg/L	0.10	83	70	130			
Calcium	96.6	mg/L	1.0	84	70	130			
Iron	0.426	mg/L	0.030	84	70	130			
Magnesium	45.1	mg/L	1.0	85	70	130			
Manganese	0.428	mg/L	0.010	84	70	130			
Potassium	48.7	mg/L	1.0	87	70	130			
Sodium	74.5	mg/L	1.0	88	70	130			
Sample ID: C09050144-005BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090507A				05/07/09 17:07
Barium	0.453	mg/L	0.10	85	70	130	3.1	20	
Calcium	99.2	mg/L	1.0	89	70	130	2.6	20	
Iron	0.441	mg/L	0.030	86	70	130	3.3	20	
Magnesium	47.0	mg/L	1.0	89	70	130	4.1	20	
Manganese	0.443	mg/L	0.010	87	70	130	3.6	20	
Potassium	50.7	mg/L	1.0	91	70	130	4.1	20	
Sodium	77.2	mg/L	1.0	93	70	130	3.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R117913
Sample ID: C09050144-015BMS	Sample Matrix Spike				Run: ICP3-C_090507A				05/07/09 18:23
Barium	0.493	mg/L	0.10	94	70	130			
Calcium	93.6	mg/L	1.0	87	70	130			
Iron	0.481	mg/L	0.030	94	70	130			
Magnesium	47.5	mg/L	1.0	88	70	130			
Manganese	0.478	mg/L	0.010	94	70	130			
Potassium	47.4	mg/L	1.0	89	70	130			
Sodium	75.7	mg/L	1.0	91	70	130			
Sample ID: C09050144-015BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090507A				05/07/09 18:28
Barium	0.476	mg/L	0.10	90	70	130	3.4	20	
Calcium	92.0	mg/L	1.0	83	70	130	1.7	20	
Iron	0.464	mg/L	0.030	91	70	130	3.6	20	
Magnesium	47.5	mg/L	1.0	88	70	130	0	20	
Manganese	0.465	mg/L	0.010	91	70	130	2.8	20	
Potassium	47.2	mg/L	1.0	89	70	130	0.4	20	
Sodium	74.7	mg/L	1.0	89	70	130	1.4	20	
Method: E200.7									Batch: R117975
Sample ID: LRB	Method Blank				Run: ICP3-C_090508A				05/08/09 15:16
Iron	0.04	mg/L	0.01						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090508A				05/08/09 15:21
Iron	5.16	mg/L	0.030	102	85	115			
Sample ID: C09050144-004CMS	Sample Matrix Spike				Run: ICP3-C_090508A				05/08/09 20:02
Iron	0.406	mg/L	0.030	80	70	130			
Sample ID: C09050144-004CMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090508A				05/08/09 20:07
Iron	0.434	mg/L	0.030	85	70	130	6.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118169
Sample ID: MB-090513A	Method Blank				Run: ICP2-C_090513A				05/13/09 12:54
Aluminum	ND	mg/L	0.01						
Boron	ND	mg/L	0.03						
Iron	ND	mg/L	0.005						
Manganese	ND	mg/L	0.001						
Silicon	ND	mg/L	0.01						
Sample ID: LFB-090513A	Laboratory Fortified Blank				Run: ICP2-C_090513A				05/13/09 12:58
Aluminum	0.971	mg/L	0.10	97	85	115			
Boron	1.03	mg/L	0.10	103	85	115			
Iron	0.961	mg/L	0.030	96	85	115			
Manganese	0.940	mg/L	0.010	94	85	115			
Silicon	0.457	mg/L	0.015	114	85	115			
Sample ID: MB-22265	Method Blank				Run: ICP2-C_090513A				05/13/09 14:20
Aluminum	ND	mg/L	0.06						
Boron	ND	mg/L	0.06						
Iron	ND	mg/L	0.01						
Manganese	ND	mg/L	0.003						
Silicon	ND	mg/L	0.03						
Sample ID: C09050144-001BMS2	Sample Matrix Spike				Run: ICP2-C_090513A				05/13/09 14:28
Aluminum	1.77	mg/L	0.10	87	70	130			
Boron	1.98	mg/L	0.10	97	70	130			
Iron	1.93	mg/L	0.030	95	70	130			
Manganese	1.97	mg/L	0.010	95	70	130			
Silicon	8.11	mg/L	0.10		70	130			A
Sample ID: C09050144-001BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090513A				05/13/09 14:32
Aluminum	1.82	mg/L	0.10	89	70	130	3.1	20	
Boron	2.03	mg/L	0.10	99	70	130	2.3	20	
Iron	1.94	mg/L	0.030	95	70	130	0.5	20	
Manganese	1.94	mg/L	0.010	94	70	130	1.8	20	
Silicon	8.18	mg/L	0.10		70	130	1	20	A
Sample ID: C09050144-011BMS2	Sample Matrix Spike				Run: ICP2-C_090513A				05/13/09 15:33
Aluminum	1.91	mg/L	0.10	94	70	130			
Boron	1.86	mg/L	0.10	91	70	130			
Iron	1.84	mg/L	0.030	90	70	130			
Manganese	1.86	mg/L	0.010	91	70	130			
Silicon	6.41	mg/L	0.10		70	130			A
Sample ID: C09050144-011BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090513A				05/13/09 15:37
Aluminum	1.88	mg/L	0.10	92	70	130	1.6	20	
Boron	1.92	mg/L	0.10	94	70	130	2.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7								Batch: R118169	
Sample ID: C09050144-011BMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090513A			05/13/09 15:37	
Iron	1.88	mg/L	0.030	92	70	130	2	20	
Manganese	1.89	mg/L	0.010	93	70	130	2	20	
Silicon	6.49	mg/L	0.10		70	130	1.3	20	A
Sample ID: C09050144-009CMS2	Sample Matrix Spike				Run: ICP2-C_090513A			05/13/09 21:33	
Aluminum	1.82	mg/L	0.16	89	70	130			
Boron	2.14	mg/L	0.10	105	70	130			
Iron	1.97	mg/L	0.067	96	70	130			
Manganese	2.00	mg/L	0.014	98	70	130			
Silicon	8.42	mg/L	0.10		70	130			A
Sample ID: C09050144-009CMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090513A			05/13/09 21:37	
Aluminum	1.94	mg/L	0.16	95	70	130	6.5	20	
Boron	2.16	mg/L	0.10	106	70	130	0.7	20	
Iron	1.96	mg/L	0.067	96	70	130	0.5	20	
Manganese	1.99	mg/L	0.014	98	70	130	0.4	20	
Silicon	8.42	mg/L	0.10		70	130	0	20	A
Sample ID: C09050144-019CMS2	Sample Matrix Spike				Run: ICP2-C_090513A			05/13/09 23:27	
Aluminum	2.08	mg/L	0.16	102	70	130			
Boron	2.14	mg/L	0.10	105	70	130			
Iron	2.03	mg/L	0.067	99	70	130			
Manganese	2.03	mg/L	0.014	99	70	130			
Silicon	0.921	mg/L	0.10	113	70	130			
Sample ID: C09050144-019CMSD2	Sample Matrix Spike Duplicate				Run: ICP2-C_090513A			05/13/09 23:31	
Aluminum	1.95	mg/L	0.16	96	70	130	6.3	20	
Boron	2.11	mg/L	0.10	103	70	130	1.4	20	
Iron	2.01	mg/L	0.067	98	70	130	1	20	
Manganese	2.02	mg/L	0.014	99	70	130	0.3	20	
Silicon	0.912	mg/L	0.10	112	70	130	1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117966
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090508B				05/08/09 12:16
Aluminum	ND	mg/L	0.002						
Arsenic	ND	mg/L	0.0003						
Cadmium	ND	mg/L	6E-05						
Chromium	ND	mg/L	8E-05						
Copper	4E-05	mg/L	4E-05						
Lead	ND	mg/L	2E-05						
Mercury	ND	mg/L	4E-05						
Molybdenum	ND	mg/L	4E-05						
Nickel	ND	mg/L	9E-05						
Selenium	ND	mg/L	0.001						
Uranium	ND	mg/L	8E-06						
Vanadium	ND	mg/L	9E-05						
Zinc	0.0008	mg/L	6E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090508B				05/08/09 12:23
Aluminum	0.0492	mg/L	0.0022	98	85	115			
Arsenic	0.0533	mg/L	0.0010	107	85	115			
Cadmium	0.0518	mg/L	0.0010	104	85	115			
Chromium	0.0519	mg/L	0.0010	104	85	115			
Copper	0.0502	mg/L	0.0010	100	85	115			
Lead	0.0521	mg/L	0.0010	104	85	115			
Mercury	0.00532	mg/L	0.0010	106	85	115			
Molybdenum	0.0525	mg/L	0.0010	105	85	115			
Nickel	0.0505	mg/L	0.0010	101	85	115			
Selenium	0.0522	mg/L	0.0014	104	85	115			
Uranium	0.0526	mg/L	0.00030	105	85	115			
Vanadium	0.0524	mg/L	0.0010	105	85	115			
Zinc	0.0532	mg/L	0.0010	105	85	115			
Sample ID: MB-22265	Method Blank				Run: ICPMS2-C_090508B				05/08/09 12:36
Aluminum	0.0003	mg/L	0.0001						
Arsenic	ND	mg/L	6E-05						
Cadmium	ND	mg/L	1E-05						
Chromium	0.0001	mg/L	4E-05						
Copper	0.0001	mg/L	7E-05						
Lead	ND	mg/L	3E-05						
Mercury	ND	mg/L	8E-05						
Molybdenum	ND	mg/L	5E-05						
Nickel	ND	mg/L	0.0007						
Selenium	ND	mg/L	0.0002						
Uranium	ND	mg/L	1E-05						
Vanadium	5E-05	mg/L	3E-05						
Zinc	0.003	mg/L	0.0003						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117966
Sample ID: C09050144-004BMS4	Sample Matrix Spike				Run: ICPMS2-C_090508B				05/08/09 14:18
Aluminum	0.0546	mg/L	0.050	103	70	130			
Arsenic	0.0553	mg/L	0.0010	108	70	130			
Cadmium	0.0525	mg/L	0.010	105	70	130			
Chromium	0.0513	mg/L	0.050	101	70	130			
Copper	0.0502	mg/L	0.010	99	70	130			
Lead	0.0523	mg/L	0.050	104	70	130			
Mercury	0.00525	mg/L	0.0010	105	70	130			
Molybdenum	0.0532	mg/L	0.0010	104	70	130			
Nickel	0.0504	mg/L	0.050	98	70	130			
Selenium	0.0690	mg/L	0.0010	112	70	130			
Uranium	0.350	mg/L	0.00030		70	130			A
Vanadium	0.0527	mg/L	0.0010	104	70	130			
Zinc	0.0740	mg/L	0.010	108	70	130			
Sample ID: C09050144-004BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090508B				05/08/09 14:25
Aluminum	0.0539	mg/L	0.050	102	70	130	1.3	20	
Arsenic	0.0550	mg/L	0.0010	107	70	130	0.6	20	
Cadmium	0.0528	mg/L	0.010	106	70	130	0.5	20	
Chromium	0.0512	mg/L	0.050	101	70	130	0.3	20	
Copper	0.0501	mg/L	0.010	99	70	130	0.1	20	
Lead	0.0528	mg/L	0.050	105	70	130	0.9	20	
Mercury	0.00535	mg/L	0.0010	107	70	130	1.8	20	
Molybdenum	0.0538	mg/L	0.0010	106	70	130	1.1	20	
Nickel	0.0503	mg/L	0.050	98	70	130	0.1	20	
Selenium	0.0680	mg/L	0.0010	110	70	130	1.5	20	
Uranium	0.356	mg/L	0.00030		70	130	1.6	20	A
Vanadium	0.0522	mg/L	0.0010	103	70	130	1	20	
Zinc	0.0736	mg/L	0.010	107	70	130	0.6	20	
Sample ID: C09050144-014BMS4	Sample Matrix Spike				Run: ICPMS2-C_090508B				05/08/09 16:20
Aluminum	0.151	mg/L	0.10	98	70	130			
Arsenic	0.0626	mg/L	0.0010	104	70	130			
Cadmium	0.0520	mg/L	0.010	104	70	130			
Chromium	0.0499	mg/L	0.050	100	70	130			
Copper	0.0484	mg/L	0.010	96	70	130			
Lead	0.0516	mg/L	0.050	103	70	130			
Mercury	0.00523	mg/L	0.0010	105	70	130			
Molybdenum	0.0552	mg/L	0.10	104	70	130			
Nickel	0.0482	mg/L	0.050	96	70	130			
Selenium	0.0537	mg/L	0.0010	107	70	130			
Uranium	0.0590	mg/L	0.00030	105	70	130			
Vanadium	0.0518	mg/L	0.10	102	70	130			
Zinc	0.0540	mg/L	0.010	104	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R117966
Sample ID: C09050144-014BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090508B				05/08/09 16:54
Aluminum	0.145	mg/L	0.050	86	70	130	4	20	
Arsenic	0.0623	mg/L	0.0010	103	70	130	0.4	20	
Cadmium	0.0512	mg/L	0.010	102	70	130	1.5	20	
Chromium	0.0487	mg/L	0.010	97	70	130	2.3	20	
Copper	0.0484	mg/L	0.010	96	70	130	0	20	
Lead	0.0506	mg/L	0.050	101	70	130	2	20	
Mercury	0.00520	mg/L	0.0010	104	70	130	0.7	20	
Molybdenum	0.0544	mg/L	0.0010	102	70	130	1.4	20	
Nickel	0.0482	mg/L	0.010	96	70	130	0.1	20	
Selenium	0.0536	mg/L	0.0010	107	70	130	0.1	20	
Uranium	0.0584	mg/L	0.00030	104	70	130	1	20	
Vanadium	0.0507	mg/L	0.0010	100	70	130	2.1	20	
Zinc	0.0534	mg/L	0.010	103	70	130	1.1	20	
Method: E300.0									Batch: R118395
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090518A				05/18/09 12:30
Chloride	9.75	mg/L	1.0	98	90	110			
Sulfate	38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090518A				05/18/09 12:45
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050144-003AMS	Sample Matrix Spike				Run: IC1-C_090518A				05/18/09 21:14
Chloride	27.3	mg/L	1.0	108	90	110			
Sulfate	226	mg/L	1.0	103	90	110			
Sample ID: C09050144-003AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/18/09 21:29
Chloride	27.4	mg/L	1.0	109	90	110	0.7	20	
Sulfate	226	mg/L	1.0	103	90	110	0	20	
Sample ID: C09050144-013AMS	Sample Matrix Spike				Run: IC1-C_090518A				05/19/09 00:50
Chloride	28.2	mg/L	1.0	107	90	110			
Sulfate	206	mg/L	1.0	100	90	110			
Sample ID: C09050144-013AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/19/09 01:05
Chloride	28.5	mg/L	1.0	108	90	110	0.9	20	
Sulfate	207	mg/L	1.0	102	90	110	0.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R118663
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090523A				05/23/09 14:17
Chloride	9.82	mg/L	1.0	98	90	110			
Sulfate	39.2	mg/L	1.0	98	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090523A				05/23/09 14:33
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050144-004AMS	Sample Matrix Spike				Run: IC1-C_090523A				05/23/09 15:19
Chloride	25.4	mg/L	1.0	103	90	110			
Sulfate	230	mg/L	1.0	99	90	110			
Sample ID: C09050144-004AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/23/09 15:35
Chloride	25.5	mg/L	1.0	103	90	110	0.2	20	
Sulfate	230	mg/L	1.0	98	90	110	0.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1									Analytical Run: SUB-B129132
Sample ID: ICV	Initial Calibration Verification Standard								05/08/09 09:42
Nitrogen, Ammonia as N	5.71	mg/L	0.11	104	90	110			
Method: E350.1									Batch: B_R129132
Sample ID: MBLK	Method Blank				Run: SUB-B129132				05/08/09 09:43
Nitrogen, Ammonia as N	ND	mg/L	0.02						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129132				05/08/09 09:45
Nitrogen, Ammonia as N	1.03	mg/L	0.10	104	90	110			
Sample ID: C09050144-019E	Sample Matrix Spike				Run: SUB-B129132				05/08/09 10:33
Nitrogen, Ammonia as N	0.863	mg/L	0.050	86	90	110			S
Sample ID: C09050144-019E	Sample Matrix Spike Duplicate				Run: SUB-B129132				05/08/09 10:35
Nitrogen, Ammonia as N	0.844	mg/L	0.050	84	90	110	2.2	10	S
Sample ID: C09050144-003E	Sample Matrix Spike				Run: SUB-B129132				05/08/09 10:05
Nitrogen, Ammonia as N	1.04	mg/L	0.050	76	90	110			S
Sample ID: C09050144-003E	Sample Matrix Spike Duplicate				Run: SUB-B129132				05/08/09 10:06
Nitrogen, Ammonia as N	1.02	mg/L	0.050	73	90	110	2.4	10	S
Sample ID: C09050181-001D	Sample Matrix Spike				Run: SUB-B129132				05/08/09 13:49
Nitrogen, Ammonia as N	0.822	mg/L	0.050	82	90	110			S
Sample ID: C09050181-001D	Sample Matrix Spike Duplicate				Run: SUB-B129132				05/08/09 13:50
Nitrogen, Ammonia as N	0.819	mg/L	0.050	82	90	110	0.4	10	S
Sample ID: C09050144-011E	Sample Matrix Spike				Run: SUB-B129132				05/08/09 10:19
Nitrogen, Ammonia as N	0.804	mg/L	0.050	80	90	110			S
Sample ID: C09050144-011E	Sample Matrix Spike Duplicate				Run: SUB-B129132				05/08/09 10:20
Nitrogen, Ammonia as N	0.778	mg/L	0.050	78	90	110	3.3	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Analytical Run: SUB-B129133
Sample ID: ICV	Initial Calibration Verification Standard								05/08/09 11:26
Nitrogen, Nitrate+Nitrite as N	36.9	mg/L	0.050	104	90	110			
Method: E353.2									Batch: B_R129133
Sample ID: MBLK	Method Blank				Run: SUB-B129133				05/08/09 11:27
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129133				05/08/09 11:28
Nitrogen, Nitrate+Nitrite as N	0.975	mg/L	0.050	99	90	110			
Sample ID: B09050650-001AMS	Sample Matrix Spike				Run: SUB-B129133				05/08/09 13:38
Nitrogen, Nitrate+Nitrite as N	1.16	mg/L	0.050	100	90	110			
Sample ID: B09050650-001AMSD	Sample Matrix Spike Duplicate				Run: SUB-B129133				05/08/09 13:40
Nitrogen, Nitrate+Nitrite as N	1.16	mg/L	0.050	100	90	110	0.2	10	
Sample ID: C09050144-001E	Sample Matrix Spike Duplicate				Run: SUB-B129133				05/08/09 13:06
Nitrogen, Nitrate+Nitrite as N	0.966	mg/L	0.050	99	90	110		10	
Sample ID: C09050144-019E	Sample Matrix Spike				Run: SUB-B129133				05/08/09 13:22
Nitrogen, Nitrate+Nitrite as N	0.972	mg/L	0.050	99	90	110			
Sample ID: C09050144-019E	Sample Matrix Spike Duplicate				Run: SUB-B129133				05/08/09 13:23
Nitrogen, Nitrate+Nitrite as N	0.962	mg/L	0.050	98	90	110	1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2								Analytical Run: SUB-B129207	
Sample ID: ICV	Initial Calibration Verification Standard							05/11/09 10:33	
Nitrogen, Nitrate+Nitrite as N	36.7	mg/L	0.050	104	90	110			
Method: E353.2								Batch: B_R129207	
Sample ID: MBLK	Method Blank				Run: SUB-B129207			05/11/09 10:34	
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129207			05/11/09 10:35	
Nitrogen, Nitrate+Nitrite as N	1.03	mg/L	0.050	105	90	110			
Sample ID: B09050728-001CMS	Sample Matrix Spike				Run: SUB-B129207			05/11/09 10:41	
Nitrogen, Nitrate+Nitrite as N	1.17	mg/L	0.050	106	90	110			
Sample ID: B09050728-001CMSD	Sample Matrix Spike Duplicate				Run: SUB-B129207			05/11/09 10:42	
Nitrogen, Nitrate+Nitrite as N	1.19	mg/L	0.050	108	90	110	1.9	10	
Sample ID: B09050706-001AMS	Sample Matrix Spike				Run: SUB-B129207			05/11/09 10:58	
Nitrogen, Nitrate+Nitrite as N	2.05	mg/L	0.050	111	90	110			S
Sample ID: B09050706-001AMSD	Sample Matrix Spike Duplicate				Run: SUB-B129207			05/11/09 10:59	
Nitrogen, Nitrate+Nitrite as N	2.06	mg/L	0.050	112	90	110	0.3	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0659
Sample ID: MB-GrAB-0659	Method Blank				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	-0.04	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.6	pCi/L							
Gross Beta	-0.4	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	1	pCi/L							
Sample ID: UNAT-GrAB-0659	Laboratory Control Sample				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	140	pCi/L		104	70	130			
Sample ID: Cs137-GrAB-0659	Laboratory Control Sample				Run: G5000W_090527A				05/31/09 22:00
Gross Beta	77	pCi/L		85	70	130			
Sample ID: C09050081-020CMS	Sample Matrix Spike				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	197	pCi/L		109	70	130			
Sample ID: C09050081-020CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090527A				05/31/09 22:00
Gross Alpha	180	pCi/L		97	70	130	8.7	16.3	
Sample ID: C09050081-020CMS	Sample Matrix Spike				Run: G5000W_090527A				05/31/09 22:00
Gross Beta	114	pCi/L		99	70	130			
Sample ID: C09050081-020CMSD	Sample Matrix Spike Duplicate				Run: G5000W_090527A				05/31/09 22:00
Gross Beta	111	pCi/L		96	70	130	2.8	15.3	
Sample ID: C09050144-013DDUP	Sample Duplicate				Run: G5000W_090527A				06/01/09 22:25
Gross Alpha	697	pCi/L					9.4	13.3	
Gross Alpha precision (±)	11.3	pCi/L							
Gross Alpha MDC	1.59	pCi/L							
Gross Beta	285	pCi/L					5.1	13.1	
Gross Beta precision (±)	4.34	pCi/L							
Gross Beta MDC	2.58	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0660
Sample ID: MB-GrAB-0660	Method Blank				Run: G5000W_090528A				06/02/09 06:10
Gross Alpha	-0.2	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.8	pCi/L							
Gross Beta	-5	pCi/L							U
Gross Beta precision (±)	2	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0660	Laboratory Control Sample				Run: G5000W_090528A				06/02/09 06:10
Gross Alpha	130	pCi/L		92	70	130			
Sample ID: Cs137-GrAB-0660	Laboratory Control Sample				Run: G5000W_090528A				06/02/09 06:10
Gross Beta	110	pCi/L		124	70	130			
Sample ID: C09050779-001AMS	Sample Matrix Spike				Run: G5000W_090528A				06/03/09 01:01
Gross Alpha	150	pCi/L		110	70	130			
Sample ID: C09050779-001AMSD	Sample Matrix Spike Duplicate				Run: G5000W_090528A				06/03/09 01:01
Gross Alpha	150	pCi/L		108	70	130	1.5	15.8	
Sample ID: C09050779-001AMS	Sample Matrix Spike				Run: G5000W_090528A				06/03/09 01:01
Gross Beta	98	pCi/L		109	70	130			
Sample ID: C09050779-001AMSD	Sample Matrix Spike Duplicate				Run: G5000W_090528A				06/03/09 01:01
Gross Beta	99	pCi/L		110	70	130	0.8	16.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0667
Sample ID: MB-GrAB-0667	Method Blank				Run: G5000W_090608B				06/10/09 22:44
Gross Alpha	0.02	pCi/L							U
Gross Alpha precision (±)	0.5	pCi/L							
Gross Alpha MDC	0.6	pCi/L							
Gross Beta	-0.7	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0667	Laboratory Control Sample				Run: G5000W_090608B				06/10/09 22:44
Gross Alpha	130	pCi/L		95	70	130			
Sample ID: Cs137-GrAB-0667	Laboratory Control Sample				Run: G5000W_090608B				06/10/09 22:44
Gross Beta	86	pCi/L		94	70	130			
Sample ID: C09050548-022DMS	Sample Matrix Spike				Run: G5000W_090608B				06/11/09 11:00
Gross Alpha	128	pCi/L		93	70	130			
Sample ID: C09050548-022DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090608B				06/11/09 11:00
Gross Alpha	132	pCi/L		97	70	130	3.4	15.9	
Sample ID: C09050548-022DMS	Sample Matrix Spike				Run: G5000W_090608B				06/11/09 11:00
Gross Beta	88.8	pCi/L		98	70	130			
Sample ID: C09050548-022DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090608B				06/11/09 11:00
Gross Beta	79.7	pCi/L		88	70	130	11	16.2	
Method: E903.0									Batch: RA226-3650
Sample ID: C09050081-021CMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090508A				05/27/09 10:55
Radium 226	16	pCi/L		98	70	130			
Sample ID: C09050081-021CMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090508A				05/27/09 10:55
Radium 226	15	pCi/L		87	70	130	11	23.6	
Sample ID: MB-RA226-3650	Method Blank				Run: BERTHOLD 770-1_090508A				05/27/09 12:31
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.06	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3650	Laboratory Control Sample				Run: BERTHOLD 770-1_090508A				05/27/09 12:31
Radium 226	8.4	pCi/L		108	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3653
Sample ID: C09050144-004DMS	Sample Matrix Spike				Run: TENNELEC-3_090508F				05/26/09 16:46
Radium 226	19	pCi/L		108	70	130			
Sample ID: C09050144-004DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508F				05/26/09 16:46
Radium 226	18	pCi/L		99	70	130	7.7	21.7	
Sample ID: MB-RA226-3653	Method Blank				Run: TENNELEC-3_090508F				05/26/09 16:46
Radium 226	0.2	pCi/L							
Radium 226 precision (±)	0.09	pCi/L							
Radium 226 MDC	0.1	pCi/L							
Sample ID: LCS-RA226-3653	Laboratory Control Sample				Run: TENNELEC-3_090508F				05/26/09 16:46
Radium 226	7.7	pCi/L		96	70	130			
Method: E903.0									Batch: RA226-3655
Sample ID: C09050144-014DMS	Sample Matrix Spike				Run: BERTHOLD 770-2_090508C				05/26/09 18:00
Radium 226	15	pCi/L		86	70	130			
Sample ID: C09050144-014DMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090508C				05/26/09 18:00
Radium 226	13	pCi/L		72	70	130	16	24.1	
Sample ID: MB-RA226-3655	Method Blank				Run: BERTHOLD 770-2_090508C				05/26/09 19:44
Radium 226	-0.1	pCi/L							U
Radium 226 precision (±)	0.08	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3655	Laboratory Control Sample				Run: BERTHOLD 770-2_090508C				05/26/09 19:44
Radium 226	6.4	pCi/L		83	70	130			
Method: RA-05									Batch: RA228-2654
Sample ID: LCS-228-RA226-3650	Laboratory Control Sample				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	7.09	pCi/L		82	70	130			
Sample ID: MB-RA226-3650	Method Blank				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	-0.1	pCi/L							U
Radium 228 precision (±)	0.7	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050081-022CMS	Sample Matrix Spike				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	18.9	pCi/L		110	70	130			
Sample ID: C09050081-022CMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508C				05/19/09 10:50
Radium 228	14.7	pCi/L		86	70	130	25	35.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050144

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA228-2655
Sample ID: LCS-228-RA226-3653	Laboratory Control Sample				Run: TENNELEC-3_090508D				05/19/09 12:46
Radium 228	7.89	pCi/L		78	70	130			
Sample ID: MB-RA226-3653	Method Blank				Run: TENNELEC-3_090508D				05/19/09 12:46
Radium 228	1	pCi/L							U
Radium 228 precision (±)	0.7	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050144-005DMS	Sample Matrix Spike				Run: TENNELEC-3_090508D				05/19/09 12:46
Radium 228	19.1	pCi/L		86	70	130			
Sample ID: C09050144-005DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508D				05/19/09 12:46
Radium 228	21.1	pCi/L		98	70	130	10	30.3	
Method: RA-05									Batch: RA228-2657
Sample ID: LCS-228-RA226-3655	Laboratory Control Sample				Run: TENNELEC-3_090508E				05/19/09 14:50
Radium 228	7.86	pCi/L		89	70	130			
Sample ID: MB-RA226-3655	Method Blank				Run: TENNELEC-3_090508E				05/19/09 14:50
Radium 228	0.05	pCi/L							U
Radium 228 precision (±)	0.7	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050144-015DMS	Sample Matrix Spike				Run: TENNELEC-3_090508E				05/19/09 14:50
Radium 228	18.9	pCi/L		97	70	130			
Sample ID: C09050144-015DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090508E				05/19/09 14:50
Radium 228	18.6	pCi/L		95	70	130	1.5	32.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State: WY	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307.265-2373 John.Cash@ur-Energy.com	Email:	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Guidance 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): _____
Receipt Temp 6 °C
On Ice: Yes (No)
Custody Seal Y (N)
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guidance 8													
1	M-128 #23	5-5-04		W 2gal														
2	M-127 #24																	
3	M-126 #25																	
4	M-125 #26																	
5	M-124 #27																	
6	M-123 #28																	
7	M-122 #29																	
8	M-119 #30																C09050144	
9	MP-110 #31																	
10	MO-110 #32																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hurt	5-5-09 5:20pm	[signature]	[signature] MPIIK	5/6/09 8:45	
Charles Kelsey	5-6-09 8:45	[signature]			
			Received by Laboratory:		

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: Phone/Fax: Email: Joh Cash 307-265-2373 John.Cash@urenergy.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Gradline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s):
Receipt Temp 6 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Gradline 8												
1	M-131 #33	5-5-09		W 2qt	✓												
2	MU-110 #34	✓		✓	✓												
3	MP-112 #35	✓		✓	✓												
4	MU-112 #36	✓		✓	✓												
5	MO-113 #38	✓		✓	✓											C09050144	
6	MU-113 #39	✓		✓	✓												
7	MO-111 #40	✓		✓	✓												
8	MO-112 #41	✓		✓	✓												
9	M-132 #42	✓		✓	✓												
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hunt	5-5-09 5:20 p.m.	[signature]	[signature]	5/6/09 8:45	
Relinquished by (print): Charles Kelsey	Date/Time: 5-6-09 8:45	Signature: [signature]	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050144

UR Energy USA Inc

Login completed by: Kimberly Humiston

Date and Time Received: 5/6/2009 8:45 AM

Reviewed by:

Received by: em

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	6°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals/radiochemistry were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2. Metals samples were preserved with 1/2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050144

Date: 02-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 09, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050203 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 18 samples for UR Energy USA Inc on 5/7/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050203-001	MO-104	05/06/09 00:00	05/07/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050203-002	MP-104	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-003	MU-104	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-004	MO-106	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-005	MP-106	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-006	MU-106	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-007	MO-107	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-008	MP-107	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-009	MU-107	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-010	M-133	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-011	MO-108	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-012	MP-108	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-013	MO-109	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-014	MP-109	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-015	MP-113	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-016	MU-109	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-017	M-134	05/06/09 00:00	05/07/09	Aqueous	Same As Above
C09050203-018	MU-111	05/06/09 00:00	05/07/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-001
Client Sample ID: MO-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	124	mg/L		1		A2320 B	05/12/09 03:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/12/09 03:09 / ljl
Bicarbonate as HCO3	151	mg/L		1		A2320 B	05/12/09 03:09 / ljl
Calcium	85	mg/L		1		E200.7	05/12/09 16:14 / cp
Chloride	9	mg/L		1		E300.0	05/19/09 05:58 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:17 / ljl
Magnesium	4	mg/L		1		E200.7	05/12/09 16:14 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/11/09 10:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.84	mg/L		0.05		E353.2	05/11/09 16:12 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 16:14 / cp
Silica	15.9	mg/L		0.2		E200.7	05/12/09 16:14 / cp
Sodium	30	mg/L		1		E200.7	05/12/09 16:14 / cp
Sulfate	177	mg/L		1		E300.0	05/19/09 05:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	616	umhos/cm		1		A2510 B	05/07/09 14:40 / dd
pH	7.77	s.u.		0.01		A4500-H B	05/07/09 14:40 / dd
Solids, Total Dissolved TDS @ 180 C	424	mg/L		10		A2540 C	05/08/09 08:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 22:20 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/08/09 22:20 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 22:20 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:14 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 22:20 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 22:20 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 22:20 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:14 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 22:20 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 22:20 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 22:20 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 22:20 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 22:20 / ts
Selenium	0.046	mg/L		0.001		E200.8	05/08/09 22:20 / ts
Uranium	0.916	mg/L		0.0003		E200.8	05/08/09 22:20 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 22:20 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 22:20 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 21:20 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 21:20 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-001
Client Sample ID: MO-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	834	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha precision (±)	12.5	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta	382	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta precision (±)	5.8	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 23:14 / cgr
Radium 226	2.7	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 precision (±)	0.36	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 228	2.1	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.19	%				Calculation	05/20/09 13:51 / kbh
Anions	6.48	meq/L				Calculation	05/20/09 13:51 / kbh
Cations	5.96	meq/L				Calculation	05/20/09 13:51 / kbh
Solids, Total Dissolved Calculated	406	mg/L				Calculation	05/20/09 13:51 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/20/09 13:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-002
Client Sample ID: MP-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	97	mg/L		1		A2320 B	05/13/09 17:50 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 17:50 / ljl
Bicarbonate as HCO3	118	mg/L		1		A2320 B	05/13/09 17:50 / ljl
Calcium	77	mg/L		1		E200.7	05/12/09 16:22 / cp
Chloride	9	mg/L		1		E300.0	05/19/09 06:13 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 15:25 / ljl
Magnesium	4	mg/L		1		E200.7	05/12/09 16:22 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/11/09 10:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:13 / eli-b
Potassium	4	mg/L		1		E200.7	05/12/09 16:22 / cp
Silica	14.3	mg/L		0.2		E200.7	05/12/09 16:22 / cp
Sodium	32	mg/L		1		E200.7	05/12/09 16:22 / cp
Sulfate	184	mg/L		1		E300.0	05/19/09 06:13 / ljl
PHYSICAL PROPERTIES							
Conductivity	599	umhos/cm		1		A2510 B	05/07/09 14:41 / dd
pH	8.66	s.u.		0.01		A4500-H B	05/07/09 14:41 / dd
Solids, Total Dissolved TDS @ 180 C	419	mg/L		10		A2540 C	05/08/09 08:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 22:27 / ts
Arsenic	0.009	mg/L		0.001		E200.8	05/08/09 22:27 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 22:27 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:22 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 22:27 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 22:27 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 22:27 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:22 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 22:27 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 22:27 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 22:27 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 22:27 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 22:27 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 22:27 / ts
Uranium	0.201	mg/L		0.0003		E200.8	05/08/09 22:27 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 22:27 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/08/09 22:27 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 21:25 / rdw
Manganese	ND	mg/L		0.01		E200.8	05/19/09 22:13 / ts
Thorium 232	ND	mg/L		0.001		E200.8	05/19/09 22:13 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-002
Client Sample ID: MP-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	918	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha precision (±)	14.4	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta	225	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta precision (±)	4.0	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Radium 226	449	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 precision (±)	4.2	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 228	3.9	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.82	%				Calculation	05/20/09 13:52 / kbh
Anions	6.03	meq/L				Calculation	05/20/09 13:52 / kbh
Cations	5.70	meq/L				Calculation	05/20/09 13:52 / kbh
Solids, Total Dissolved Calculated	388	mg/L				Calculation	05/20/09 13:52 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/20/09 13:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-003
Client Sample ID: MU-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	76	mg/L		1		A2320 B	05/13/09 17:58 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/13/09 17:58 / ljl
Bicarbonate as HCO3	84	mg/L		1		A2320 B	05/13/09 17:58 / ljl
Calcium	60	mg/L		1		E200.7	05/12/09 16:26 / cp
Chloride	6	mg/L		1		E300.0	05/19/09 06:29 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:40 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 16:26 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/11/09 10:50 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:15 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 16:26 / cp
Silica	14.7	mg/L		0.2		E200.7	05/12/09 16:26 / cp
Sodium	32	mg/L		1		E200.7	05/12/09 16:26 / cp
Sulfate	151	mg/L		1		E300.0	05/19/09 06:29 / ljl
PHYSICAL PROPERTIES							
Conductivity	484	umhos/cm		1		A2510 B	05/07/09 14:43 / dd
pH	8.76	s.u.		0.01		A4500-H B	05/07/09 14:43 / dd
Solids, Total Dissolved TDS @ 180 C	337	mg/L		10		A2540 C	05/08/09 08:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 22:34 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 22:34 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 22:34 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:26 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 22:34 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 22:34 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 22:34 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:26 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 22:34 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 22:34 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 22:34 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 22:34 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 22:34 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 22:34 / ts
Uranium	0.0841	mg/L		0.0003		E200.8	05/08/09 22:34 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 22:34 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 22:34 / ts
METALS - TOTAL							
Iron	2.19	mg/L		0.03		E200.7	05/12/09 21:38 / cp
Manganese	0.03	mg/L		0.01		E200.7	05/12/09 21:38 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-003
Client Sample ID: MU-104

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	233	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta	75.3	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	05/23/09 03:24 / cgr
Radium 226	54	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 226 precision (±)	1.5	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 228	2.0	pCi/L				RA-05	05/21/09 14:53 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 14:53 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 14:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.95	%				Calculation	05/20/09 13:52 / kbh
Anions	4.84	meq/L				Calculation	05/20/09 13:52 / kbh
Cations	4.66	meq/L				Calculation	05/20/09 13:52 / kbh
Solids, Total Dissolved Calculated	319	mg/L				Calculation	05/20/09 13:52 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	05/20/09 13:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-004
Client Sample ID: MO-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	96	mg/L		1		A2320 B	05/13/09 18:05 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/13/09 18:05 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	05/13/09 18:05 / ljl
Calcium	50	mg/L		1		E200.7	05/12/09 16:30 / cp
Chloride	5	mg/L		1		E300.0	05/19/09 06:44 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:43 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 16:30 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:02 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	05/11/09 16:16 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 16:30 / cp
Silica	13.4	mg/L		0.2		E200.7	05/12/09 16:30 / cp
Sodium	30	mg/L		1		E200.7	05/12/09 16:30 / cp
Sulfate	108	mg/L		1		E300.0	05/19/09 06:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	432	umhos/cm		1		A2510 B	05/07/09 14:44 / dd
pH	8.72	s.u.		0.01		A4500-H B	05/07/09 14:44 / dd
Solids, Total Dissolved TDS @ 180 C	291	mg/L		10		A2540 C	05/08/09 08:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 22:41 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/08/09 22:41 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 22:41 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:30 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 22:41 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 22:41 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 22:41 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:30 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 22:41 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 22:41 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 22:41 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 22:41 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 22:41 / ts
Selenium	0.028	mg/L		0.001		E200.8	05/08/09 22:41 / ts
Uranium	0.353	mg/L		0.0003		E200.8	05/08/09 22:41 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 22:41 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 22:41 / ts
METALS - TOTAL							
Iron	0.14	mg/L		0.03		E200.7	05/12/09 21:42 / cp
Manganese	ND	mg/L		0.01		E200.7	05/12/09 21:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-004
Client Sample ID: MO-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	271	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta	221	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta precision (±)	4.6	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/12/09 23:14 / cgr
Radium 226	5.4	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 precision (±)	0.51	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 228	1.3	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.52	%				Calculation	05/20/09 13:52 / kbh
Anions	4.31	meq/L				Calculation	05/20/09 13:52 / kbh
Cations	4.02	meq/L				Calculation	05/20/09 13:52 / kbh
Solids, Total Dissolved Calculated	272	mg/L				Calculation	05/20/09 13:52 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	05/20/09 13:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-005
Client Sample ID: MP-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	05/13/09 18:12 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 18:12 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/13/09 18:12 / ljl
Calcium	63	mg/L		1		E200.7	05/12/09 16:34 / cp
Chloride	4	mg/L		1		E300.0	05/19/09 06:59 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:45 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 16:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:05 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:17 / eli-b
Potassium	2	mg/L		1		E200.7	05/12/09 16:34 / cp
Silica	17.2	mg/L		0.2		E200.7	05/12/09 16:34 / cp
Sodium	29	mg/L		1		E200.7	05/12/09 16:34 / cp
Sulfate	113	mg/L		1		E300.0	05/19/09 06:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	456	umhos/cm		1		A2510 B	05/07/09 14:47 / dd
pH	7.94	s.u.		0.01		A4500-H B	05/07/09 14:47 / dd
Solids, Total Dissolved TDS @ 180 C	305	mg/L		10		A2540 C	05/08/09 08:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 22:47 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/08/09 22:47 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 22:47 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 22:47 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 22:47 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 22:47 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:34 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 22:47 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/08/09 22:47 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 22:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 22:47 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 22:47 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 22:47 / ts
Uranium	0.0078	mg/L		0.0003		E200.8	05/08/09 22:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 22:47 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 22:47 / ts
METALS - TOTAL							
Iron	0.05	mg/L		0.03		E200.7	05/19/09 21:30 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 21:30 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-005
Client Sample ID: MP-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	25.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha precision (±)	2.5	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta	12.5	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Radium 226	7.7	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 precision (±)	0.60	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 228	3.8	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	0.770	%				Calculation	05/20/09 13:53 / kbh
Anions	4.60	meq/L				Calculation	05/20/09 13:53 / kbh
Cations	4.67	meq/L				Calculation	05/20/09 13:53 / kbh
Solids, Total Dissolved Calculated	300	mg/L				Calculation	05/20/09 13:53 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 13:53 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-006
Client Sample ID: MU-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	116	mg/L		1		A2320 B	05/13/09 18:20 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/13/09 18:20 / ljl
Bicarbonate as HCO3	129	mg/L		1		A2320 B	05/13/09 18:20 / ljl
Calcium	64	mg/L		1		E200.7	05/12/09 16:38 / cp
Chloride	4	mg/L		1		E300.0	05/19/09 07:46 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 15:48 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 16:38 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:07 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 15:12 / eli-b
Potassium	4	mg/L		1		E200.7	05/12/09 16:38 / cp
Silica	16.3	mg/L		0.2		E200.7	05/12/09 16:38 / cp
Sodium	30	mg/L		1		E200.7	05/12/09 16:38 / cp
Sulfate	119	mg/L		1		E300.0	05/19/09 07:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	466	umhos/cm		1		A2510 B	05/07/09 14:48 / dd
pH	8.31	s.u.		0.01		A4500-H B	05/07/09 14:48 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	05/08/09 08:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 23:35 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/08/09 23:35 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 23:35 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 23:35 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 23:35 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 23:35 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:38 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 23:35 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 23:35 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 23:35 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 23:35 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 23:35 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 23:35 / ts
Uranium	0.0965	mg/L		0.0003		E200.8	05/08/09 23:35 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 23:35 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 23:35 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 21:35 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 21:35 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-006
Client Sample ID: MU-106

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	491	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha precision (±)	10.2	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta	179	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta precision (±)	3.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Radium 226	337	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 precision (±)	3.8	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 228	3.3	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.38	%				Calculation	05/20/09 13:53 / kbh
Anions	4.93	meq/L				Calculation	05/20/09 13:53 / kbh
Cations	4.80	meq/L				Calculation	05/20/09 13:53 / kbh
Solids, Total Dissolved Calculated	314	mg/L				Calculation	05/20/09 13:53 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/20/09 13:53 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-007
Client Sample ID: MO-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	05/13/09 18:27 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 18:27 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	05/13/09 18:27 / ljl
Calcium	56	mg/L		1		E200.7	05/12/09 16:42 / cp
Chloride	4	mg/L		1		E300.0	05/19/09 08:01 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:51 / ljl
Magnesium	3	mg/L		1		E200.7	05/12/09 16:42 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:08 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.06	mg/L		0.05		E353.2	05/11/09 16:18 / eli-b
Potassium	2	mg/L		1		E200.7	05/12/09 16:42 / cp
Silica	14.3	mg/L		0.2		E200.7	05/12/09 16:42 / cp
Sodium	31	mg/L		1		E200.7	05/12/09 16:42 / cp
Sulfate	114	mg/L		1		E300.0	05/19/09 08:01 / ljl
PHYSICAL PROPERTIES							
Conductivity	459	umhos/cm		1		A2510 B	05/07/09 14:50 / dd
pH	7.96	s.u.		0.01		A4500-H B	05/07/09 14:50 / dd
Solids, Total Dissolved TDS @ 180 C	297	mg/L		10		A2540 C	05/08/09 09:01 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 23:42 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/08/09 23:42 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 23:42 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 23:42 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 23:42 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 23:42 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:42 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 23:42 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 23:42 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 23:42 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 23:42 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 23:42 / ts
Selenium	0.020	mg/L		0.001		E200.8	05/08/09 23:42 / ts
Uranium	0.424	mg/L		0.0003		E200.8	05/08/09 23:42 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 23:42 / ts
Zinc	ND	mg/L		0.01		E200.8	05/08/09 23:42 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 21:40 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 21:40 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-007
Client Sample ID: MO-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	326	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha precision (±)	7.0	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta	177	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 23:15 / cgr
Radium 226	6.4	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 precision (±)	0.52	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	05/26/09 23:19 / trs
Radium 228	1.1	pCi/L	U			RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.70	%				Calculation	05/20/09 13:54 / kbh
Anions	4.56	meq/L				Calculation	05/20/09 13:54 / kbh
Cations	4.41	meq/L				Calculation	05/20/09 13:54 / kbh
Solids, Total Dissolved Calculated	290	mg/L				Calculation	05/20/09 13:54 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 13:54 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-008
Client Sample ID: MP-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	130	mg/L		1		A2320 B	05/13/09 18:49 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 18:49 / ljl
Bicarbonate as HCO3	158	mg/L		1		A2320 B	05/13/09 18:49 / ljl
Calcium	44	mg/L		1		E200.7	05/22/09 14:46 / cp
Chloride	5	mg/L		1		E300.0	05/23/09 16:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 15:54 / ljl
Magnesium	2	mg/L		1		E200.7	05/22/09 14:46 / cp
Nitrogen, Ammonia as N	0.30	mg/L		0.05		E350.1	05/08/09 14:09 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.09	mg/L		0.05		E353.2	05/11/09 15:15 / eli-b
Potassium	2	mg/L		1		E200.7	05/22/09 14:46 / cp
Silica	15.1	mg/L		0.2		E200.7	05/12/09 16:58 / cp
Sodium	65	mg/L		1		E200.7	05/22/09 14:46 / cp
Sulfate	137	mg/L		1		E300.0	05/23/09 16:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	544	umhos/cm		1		A2510 B	05/07/09 15:00 / dd
pH	7.82	s.u.		0.01		A4500-H B	05/07/09 15:00 / dd
Solids, Total Dissolved TDS @ 180 C	372	mg/L		10		A2540 C	05/08/09 09:01 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 23:48 / ts
Arsenic	0.010	mg/L		0.001		E200.8	05/08/09 23:48 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 23:48 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 16:58 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 23:48 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 23:48 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 23:48 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 16:58 / cp
Lead	0.001	mg/L		0.001		E200.8	05/08/09 23:48 / ts
Manganese	0.04	mg/L		0.01		E200.8	05/08/09 23:48 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 23:48 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 23:48 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 23:48 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/08/09 23:48 / ts
Uranium	0.105	mg/L		0.0003		E200.8	05/08/09 23:48 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 23:48 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 23:48 / ts
METALS - TOTAL							
Iron	23.8	mg/L		0.03		E200.7	05/12/09 21:46 / cp
Manganese	0.57	mg/L		0.01		E200.7	05/12/09 21:46 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-008
Client Sample ID: MP-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	165	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Alpha precision (±)	5.6	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta	31.8	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	05/23/09 03:24 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	05/23/09 03:24 / cgr
Radium 226	2.5	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 226 precision (±)	0.31	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	05/27/09 17:25 / trs
Radium 228	0.7	pCi/L	U			RA-05	05/21/09 14:53 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/21/09 14:53 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/21/09 14:53 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.09	%				Calculation	05/28/09 07:42 / kbh
Anions	5.63	meq/L				Calculation	05/28/09 07:42 / kbh
Cations	5.29	meq/L				Calculation	05/28/09 07:42 / kbh
Solids, Total Dissolved Calculated	354	mg/L				Calculation	05/28/09 07:42 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/28/09 07:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-009
Client Sample ID: MU-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	92	mg/L		1		A2320 B	05/13/09 18:57 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 18:57 / ljl
Bicarbonate as HCO3	112	mg/L		1		A2320 B	05/13/09 18:57 / ljl
Calcium	51	mg/L		1		E200.7	05/12/09 17:10 / cp
Chloride	4	mg/L		1		E300.0	05/19/09 09:03 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 15:56 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 17:10 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:10 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:22 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 17:10 / cp
Silica	15.6	mg/L		0.2		E200.7	05/12/09 17:10 / cp
Sodium	32	mg/L		1		E200.7	05/12/09 17:10 / cp
Sulfate	115	mg/L		1		E300.0	05/19/09 09:03 / ljl
PHYSICAL PROPERTIES							
Conductivity	440	umhos/cm		1		A2510 B	05/07/09 15:02 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/07/09 15:02 / dd
Solids, Total Dissolved TDS @ 180 C	287	mg/L		10		A2540 C	05/08/09 09:03 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/08/09 23:55 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/08/09 23:55 / ts
Barium	ND	mg/L		0.1		E200.8	05/08/09 23:55 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:10 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/08/09 23:55 / ts
Chromium	ND	mg/L		0.05		E200.8	05/08/09 23:55 / ts
Copper	ND	mg/L		0.01		E200.8	05/08/09 23:55 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:10 / cp
Lead	ND	mg/L		0.001		E200.8	05/08/09 23:55 / ts
Manganese	ND	mg/L		0.01		E200.8	05/08/09 23:55 / ts
Mercury	ND	mg/L		0.001		E200.8	05/08/09 23:55 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/08/09 23:55 / ts
Nickel	ND	mg/L		0.05		E200.8	05/08/09 23:55 / ts
Selenium	ND	mg/L		0.001		E200.8	05/08/09 23:55 / ts
Uranium	0.0175	mg/L		0.0003		E200.8	05/08/09 23:55 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/08/09 23:55 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/08/09 23:55 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:00 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:00 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-009
Client Sample ID: MU-107

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	47.9	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha precision (±)	3.2	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta	19.9	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Radium 226	8.9	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 precision (±)	0.65	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	05/26/09 21:38 / trs
Radium 228	4.7	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/20/09 14:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/20/09 14:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.29	%				Calculation	05/20/09 13:55 / kbh
Anions	4.35	meq/L				Calculation	05/20/09 13:55 / kbh
Cations	4.15	meq/L				Calculation	05/20/09 13:55 / kbh
Solids, Total Dissolved Calculated	282	mg/L				Calculation	05/20/09 13:55 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	05/20/09 13:55 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-010
Client Sample ID: M-133

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	91	mg/L		1		A2320 B	05/13/09 19:04 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 19:04 / ljl
Bicarbonate as HCO3	111	mg/L		1		A2320 B	05/13/09 19:04 / ljl
Calcium	50	mg/L		1		E200.7	05/12/09 17:18 / cp
Chloride	4	mg/L		1		E300.0	05/19/09 09:18 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/11/09 16:00 / ljl
Magnesium	2	mg/L		1		E200.7	05/12/09 17:18 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:11 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:25 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 17:18 / cp
Silica	15.3	mg/L		0.2		E200.7	05/12/09 17:18 / cp
Sodium	32	mg/L		1		E200.7	05/12/09 17:18 / cp
Sulfate	115	mg/L		1		E300.0	05/19/09 09:18 / ljl
PHYSICAL PROPERTIES							
Conductivity	440	umhos/cm		1		A2510 B	05/07/09 15:04 / dd
pH	8.23	s.u.		0.01		A4500-H B	05/07/09 15:04 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	05/08/09 09:03 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/09/09 00:02 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/09/09 00:02 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 00:02 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 00:02 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 00:02 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 00:02 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:18 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 00:02 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 00:02 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 00:02 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 00:02 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 00:02 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 00:02 / ts
Uranium	0.0174	mg/L		0.0003		E200.8	05/09/09 00:02 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 00:02 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/09/09 00:02 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:05 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:05 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-010
Client Sample ID: M-133

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	53.8	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha precision (±)	3.3	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta	21.2	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/04/09 02:05 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/04/09 02:05 / cgr
Radium 226	8.7	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	0.66	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	4.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.97	%				Calculation	05/26/09 09:14 / kbh
Anions	4.35	meq/L				Calculation	05/26/09 09:14 / kbh
Cations	4.09	meq/L				Calculation	05/26/09 09:14 / kbh
Solids, Total Dissolved Calculated	280	mg/L				Calculation	05/26/09 09:14 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/26/09 09:14 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-011
Client Sample ID: MO-108

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/13/09 19:11 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 19:11 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/13/09 19:11 / ljl
Calcium	60	mg/L		1		E200.7	05/12/09 17:23 / cp
Chloride	5	mg/L		1		E300.0	05/19/09 09:33 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/11/09 16:02 / ljl
Magnesium	3	mg/L		1		E200.7	05/12/09 17:23 / cp
Nitrogen, Ammonia as N	0.36	mg/L		0.05		E350.1	05/08/09 14:13 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:26 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 17:23 / cp
Silica	14.9	mg/L		0.2		E200.7	05/12/09 17:23 / cp
Sodium	31	mg/L		1		E200.7	05/12/09 17:23 / cp
Sulfate	119	mg/L		1		E300.0	05/19/09 09:33 / ljl
PHYSICAL PROPERTIES							
Conductivity	471	umhos/cm		1		A2510 B	05/07/09 15:05 / dd
pH	8.02	s.u.		0.01		A4500-H B	05/07/09 15:05 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	05/08/09 09:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/09/09 00:09 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/09/09 00:09 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 00:09 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:23 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 00:09 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 00:09 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 00:09 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:23 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 00:09 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/09/09 00:09 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 00:09 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 00:09 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 00:09 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/09/09 00:09 / ts
Uranium	0.347	mg/L		0.0003		E200.8	05/09/09 00:09 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 00:09 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 00:09 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:26 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:26 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-011
Client Sample ID: MO-108

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	302	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	7.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	87.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	4.7	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	0.43	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	1.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.07	%				Calculation	05/20/09 13:56 / kbh
Anions	4.73	meq/L				Calculation	05/20/09 13:56 / kbh
Cations	4.63	meq/L				Calculation	05/20/09 13:56 / kbh
Solids, Total Dissolved Calculated	302	mg/L				Calculation	05/20/09 13:56 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/20/09 13:56 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-012
Client Sample ID: MP-108

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	05/13/09 19:27 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 19:27 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	05/13/09 19:27 / ljl
Calcium	71	mg/L		1		E200.7	05/12/09 17:27 / cp
Chloride	5	mg/L		1		E300.0	05/19/09 09:49 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 12:50 / ljl
Magnesium	3	mg/L		1		E200.7	05/12/09 17:27 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:16 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:28 / eli-b
Potassium	2	mg/L		1		E200.7	05/12/09 17:27 / cp
Silica	15.4	mg/L		0.2		E200.7	05/12/09 17:27 / cp
Sodium	30	mg/L		1		E200.7	05/12/09 17:27 / cp
Sulfate	145	mg/L		1		E300.0	05/19/09 09:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	517	umhos/cm		1		A2510 B	05/07/09 15:07 / dd
pH	7.92	s.u.		0.01		A4500-H B	05/07/09 15:07 / dd
Solids, Total Dissolved TDS @ 180 C	352	mg/L		10		A2540 C	05/08/09 09:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/09/09 00:16 / ts
Arsenic	0.007	mg/L		0.001		E200.8	05/09/09 00:16 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 00:16 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:27 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 00:16 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 00:16 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 00:16 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:27 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 00:16 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/09/09 00:16 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 00:16 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 00:16 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 00:16 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/09/09 00:16 / ts
Uranium	0.159	mg/L		0.0003		E200.8	05/09/09 00:16 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 00:16 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 00:16 / ts
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	05/12/09 21:50 / cp
Manganese	0.02	mg/L		0.01		E200.7	05/12/09 21:50 / cp
Thorium 232	ND	mg/L		0.001		E200.8	05/14/09 14:23 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-012
Client Sample ID: MP-108

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	355	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	8.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	154	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	3.4	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	79	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	1.9	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	2.0	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.33	%				Calculation	05/20/09 13:57 / kbh
Anions	5.33	meq/L				Calculation	05/20/09 13:57 / kbh
Cations	5.19	meq/L				Calculation	05/20/09 13:57 / kbh
Solids, Total Dissolved Calculated	341	mg/L				Calculation	05/20/09 13:57 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	05/20/09 13:57 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-013
Client Sample ID: MO-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	05/13/09 19:34 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 19:34 / ljl
Bicarbonate as HCO3	131	mg/L		1		A2320 B	05/13/09 19:34 / ljl
Calcium	63	mg/L		1		E200.7	05/12/09 17:31 / cp
Chloride	6	mg/L		1		E300.0	05/19/09 10:04 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 12:53 / ljl
Magnesium	3	mg/L		1		E200.7	05/12/09 17:31 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:20 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.17	mg/L		0.05		E353.2	05/11/09 16:29 / eli-b
Potassium	3	mg/L		1		E200.7	05/12/09 17:31 / cp
Silica	15.5	mg/L		0.2		E200.7	05/12/09 17:31 / cp
Sodium	29	mg/L		1		E200.7	05/12/09 17:31 / cp
Sulfate	122	mg/L		1		E300.0	05/19/09 10:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	484	umhos/cm		1		A2510 B	05/07/09 15:09 / dd
pH	7.90	s.u.		0.01		A4500-H B	05/07/09 15:09 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	05/08/09 09:04 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/12/09 17:31 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/09/09 02:25 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 02:25 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 02:25 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 02:25 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 02:25 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:31 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 02:25 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 02:25 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 02:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 02:25 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 02:25 / ts
Selenium	0.026	mg/L		0.001		E200.8	05/09/09 02:25 / ts
Uranium	0.418	mg/L		0.0003		E200.8	05/09/09 02:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 02:25 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 02:25 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:31 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:31 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-013
Client Sample ID: MO-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	424	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha precision (±)	8.2	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta	169	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta precision (±)	4.1	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 23:15 / cgr
Radium 226	3.9	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	0.44	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	2.6	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.72	%				Calculation	05/20/09 13:57 / kbh
Anions	4.90	meq/L				Calculation	05/20/09 13:57 / kbh
Cations	4.73	meq/L				Calculation	05/20/09 13:57 / kbh
Solids, Total Dissolved Calculated	312	mg/L				Calculation	05/20/09 13:57 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/20/09 13:57 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-014
Client Sample ID: MP-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	217	mg/L		1		A2320 B	05/13/09 19:42 / ljl
Carbonate as CO3	26	mg/L		1		A2320 B	05/13/09 19:42 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	05/13/09 19:42 / ljl
Calcium	99	mg/L		1		E200.7	05/12/09 17:35 / cp
Chloride	29	mg/L		1		E300.0	05/19/09 10:20 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	05/14/09 12:58 / ljl
Magnesium	ND	mg/L		1		E200.7	05/12/09 17:35 / cp
Nitrogen, Ammonia as N	0.70	mg/L		0.05		E350.1	05/08/09 14:21 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:30 / eli-b
Potassium	32	mg/L		1		E200.7	05/12/09 17:35 / cp
Silica	6.3	mg/L		0.2		E200.7	05/12/09 17:35 / cp
Sodium	44	mg/L		1		E200.7	05/12/09 17:35 / cp
Sulfate	97	mg/L		1		E300.0	05/19/09 10:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	1240	umhos/cm		1		A2510 B	05/07/09 15:11 / dd
pH	11.8	s.u.		0.01		A4500-H B	05/07/09 15:11 / dd
Solids, Total Dissolved TDS @ 180 C	473	mg/L		10		A2540 C	05/08/09 09:04 / rp
METALS - DISSOLVED							
Aluminum	0.9	mg/L		0.1		E200.7	05/12/09 17:35 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/09/09 02:32 / ts
Barium	0.1	mg/L		0.1		E200.8	05/09/09 02:32 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 17:35 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 02:32 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 02:32 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 02:32 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 17:35 / cp
Lead	0.002	mg/L		0.001		E200.8	05/09/09 02:32 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 02:32 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 02:32 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 02:32 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 02:32 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 02:32 / ts
Uranium	0.0490	mg/L		0.0003		E200.8	05/09/09 02:32 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 02:32 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 02:32 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	05/26/09 19:06 / cp
Manganese	ND	mg/L	D	0.1		E200.7	05/19/09 22:36 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-014
Client Sample ID: MP-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	110	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	6.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	3.3	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	71.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	4.0	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	4.7	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	34	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	3.0	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	3.59	%				Calculation	07/08/09 13:36 / sec
Anions	7.19	meq/L				Calculation	07/08/09 13:36 / sec
Cations	7.73	meq/L				Calculation	07/08/09 13:36 / sec
Solids, Total Dissolved Calculated	440	mg/L				Calculation	07/08/09 13:36 / sec
TDS Balance (0.80 - 1.20)	1.08					Calculation	07/08/09 13:36 / sec

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-015
Client Sample ID: MP-113

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	05/13/09 19:49 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	05/13/09 19:49 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	05/13/09 19:49 / ljl
Calcium	58	mg/L		1		E200.7	05/11/09 19:35 / rdw
Chloride	17	mg/L		1		E300.0	05/19/09 10:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 13:01 / ljl
Magnesium	2	mg/L		1		E200.7	05/11/09 19:35 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	05/08/09 14:22 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:31 / eli-b
Potassium	5	mg/L		1		E200.7	05/11/09 19:35 / rdw
Silica	14.3	mg/L		0.2		E200.7	05/12/09 18:27 / cp
Sodium	34	mg/L		1		E200.7	05/11/09 19:35 / rdw
Sulfate	142	mg/L		1		E300.0	05/19/09 10:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	551	umhos/cm		1		A2510 B	05/07/09 15:14 / dd
pH	8.90	s.u.		0.01		A4500-H B	05/07/09 15:14 / dd
Solids, Total Dissolved TDS @ 180 C	366	mg/L		10		A2540 C	05/08/09 09:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/12/09 18:27 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/09/09 02:39 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 02:39 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 18:27 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 02:39 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 02:39 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 02:39 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 18:27 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 02:39 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 02:39 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 02:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 02:39 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 02:39 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 02:39 / ts
Uranium	0.144	mg/L		0.0003		E200.8	05/09/09 02:39 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 02:39 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 02:39 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:41 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:41 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-015
Client Sample ID: MP-113

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	682	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha precision (±)	10.8	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta	385	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta precision (±)	5.8	pCi/L				E900.0	06/12/09 23:15 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 23:15 / cgr
Radium 226	595	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	5.2	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	6.8	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.14	%				Calculation	05/20/09 14:05 / kbh
Anions	5.42	meq/L				Calculation	05/20/09 14:05 / kbh
Cations	5.30	meq/L				Calculation	05/20/09 14:05 / kbh
Solids, Total Dissolved Calculated	348	mg/L				Calculation	05/20/09 14:05 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	05/20/09 14:05 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-016
Client Sample ID: MU-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	57	mg/L		1		A2320 B	05/13/09 19:57 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	05/13/09 19:57 / ljl
Bicarbonate as HCO3	53	mg/L		1		A2320 B	05/13/09 19:57 / ljl
Calcium	33	mg/L		1		E200.7	05/11/09 19:40 / rdw
Chloride	7	mg/L		1		E300.0	05/19/09 11:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 13:04 / ljl
Magnesium	ND	mg/L		1		E200.7	05/11/09 19:40 / rdw
Nitrogen, Ammonia as N	0.18	mg/L		0.05		E350.1	05/08/09 14:23 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:32 / eli-b
Potassium	14	mg/L		1		E200.7	05/11/09 19:40 / rdw
Silica	13.4	mg/L		0.2		E200.7	05/12/09 18:31 / cp
Sodium	34	mg/L		1		E200.7	05/11/09 19:40 / rdw
Sulfate	109	mg/L		1		E300.0	05/19/09 11:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	403	umhos/cm		1		A2510 B	05/07/09 15:16 / dd
pH	9.46	s.u.		0.01		A4500-H B	05/07/09 15:16 / dd
Solids, Total Dissolved TDS @ 180 C	260	mg/L		10		A2540 C	05/08/09 09:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/12/09 18:31 / cp
Arsenic	0.015	mg/L		0.001		E200.8	05/09/09 02:59 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 02:59 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 18:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 02:59 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 02:59 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 02:59 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 18:31 / cp
Lead	0.001	mg/L		0.001		E200.8	05/09/09 02:59 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 02:59 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 02:59 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 02:59 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 02:59 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 02:59 / ts
Uranium	0.0107	mg/L		0.0003		E200.8	05/09/09 02:59 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 02:59 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 02:59 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:46 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:46 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-016
Client Sample ID: MU-109

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	26.2	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	2.4	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	24.4	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	2.7	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 precision (±)	0.37	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	05/27/09 01:02 / jah
Radium 228	2.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.01	%				Calculation	05/20/09 14:06 / kbh
Anions	3.61	meq/L				Calculation	05/20/09 14:06 / kbh
Cations	3.54	meq/L				Calculation	05/20/09 14:06 / kbh
Solids, Total Dissolved Calculated	249	mg/L				Calculation	05/20/09 14:06 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	05/20/09 14:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-017
Client Sample ID: M-134

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	1	mg/L	B	1		A2320 B	05/13/09 20:01 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 20:01 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	05/13/09 20:01 / ljl
Calcium	ND	mg/L		1		E200.7	05/11/09 19:45 / rdw
Chloride	ND	mg/L		1		E300.0	05/19/09 11:52 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/14/09 13:16 / ljl
Magnesium	ND	mg/L		1		E200.7	05/11/09 19:45 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:24 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:34 / eli-b
Potassium	ND	mg/L		1		E200.7	05/11/09 19:45 / rdw
Silica	ND	mg/L		0.2		E200.7	05/12/09 18:35 / cp
Sodium	ND	mg/L		1		E200.7	05/11/09 19:45 / rdw
Sulfate	ND	mg/L		1		E300.0	05/19/09 11:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	05/08/09 11:55 / dd
pH	5.80	s.u.		0.01		A4500-H B	05/08/09 11:55 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/08/09 09:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	05/12/09 18:35 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/09/09 03:06 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 03:06 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 18:35 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 03:06 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 03:06 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 03:06 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 18:35 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 03:06 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 03:06 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 03:06 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 03:06 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 03:06 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 03:06 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/09/09 03:06 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 03:06 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 03:06 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:51 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:51 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-017
Client Sample ID: M-134

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	-0.3	pCi/L	U			E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	1.0	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	-2	pCi/L	U			E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	1.4	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	0.05	pCi/L	U			E903.0	05/27/09 02:54 / jah
Radium 226 precision (±)	0.11	pCi/L				E903.0	05/27/09 02:54 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	05/27/09 02:54 / jah
Radium 228	0.02	pCi/L	U			RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-69.9	%				Calculation	05/20/09 14:08 / kbh
Anions	0.0288	meq/L				Calculation	05/20/09 14:08 / kbh
Cations	0.00509	meq/L				Calculation	05/20/09 14:08 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-018
Client Sample ID: MU-111

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	69	mg/L		1		A2320 B	05/13/09 20:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 20:24 / ljl
Bicarbonate as HCO3	84	mg/L		1		A2320 B	05/13/09 20:24 / ljl
Calcium	38	mg/L		1		E200.7	05/11/09 20:00 / rdw
Chloride	8	mg/L		1		E300.0	05/19/09 12:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 13:19 / ljl
Magnesium	1	mg/L		1		E200.7	05/11/09 20:00 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/08/09 14:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/11/09 16:35 / eli-b
Potassium	14	mg/L		1		E200.7	05/11/09 20:00 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/12/09 18:39 / cp
Sodium	36	mg/L		1		E200.7	05/11/09 20:00 / rdw
Sulfate	131	mg/L		1		E300.0	05/19/09 12:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	461	umhos/cm		1		A2510 B	05/08/09 11:57 / dd
pH	8.65	s.u.		0.01		A4500-H B	05/08/09 11:57 / dd
Solids, Total Dissolved TDS @ 180 C	310	mg/L		10		A2540 C	05/08/09 09:06 / rp
METALS - DISSOLVED							
Aluminum	0.2	mg/L		0.1		E200.7	05/12/09 18:39 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/09/09 03:12 / ts
Barium	ND	mg/L		0.1		E200.8	05/09/09 03:12 / ts
Boron	ND	mg/L		0.1		E200.7	05/12/09 18:39 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/09/09 03:12 / ts
Chromium	ND	mg/L		0.05		E200.8	05/09/09 03:12 / ts
Copper	ND	mg/L		0.01		E200.8	05/09/09 03:12 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 18:39 / cp
Lead	ND	mg/L		0.001		E200.8	05/09/09 03:12 / ts
Manganese	ND	mg/L		0.01		E200.8	05/09/09 03:12 / ts
Mercury	ND	mg/L		0.001		E200.8	05/09/09 03:12 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/09/09 03:12 / ts
Nickel	ND	mg/L		0.05		E200.8	05/09/09 03:12 / ts
Selenium	ND	mg/L		0.001		E200.8	05/09/09 03:12 / ts
Uranium	0.0391	mg/L		0.0003		E200.8	05/09/09 03:12 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/09/09 03:12 / ts
Zinc	ND	mg/L		0.01		E200.8	05/09/09 03:12 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 22:57 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 22:57 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050203-018
Client Sample ID: MU-111

Report Date: 07/09/09
Collection Date: 05/06/09
DateReceived: 05/07/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	305	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	7.8	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	123	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	117	pCi/L				E903.0	05/27/09 02:54 / jah
Radium 226 precision (±)	2.1	pCi/L				E903.0	05/27/09 02:54 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	05/27/09 02:54 / jah
Radium 228	4.0	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 10:37 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.62	%				Calculation	05/20/09 14:09 / kbh
Anions	4.34	meq/L				Calculation	05/20/09 14:09 / kbh
Cations	3.96	meq/L				Calculation	05/20/09 14:09 / kbh
Solids, Total Dissolved Calculated	288	mg/L				Calculation	05/20/09 14:09 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	05/20/09 14:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R118037
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090511B				05/11/09 16:50
Alkalinity, Total as CaCO3		4	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		5	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090511B				05/11/09 17:05
Alkalinity, Total as CaCO3		207	mg/L	5.0	102	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090511B				05/11/09 17:12
Alkalinity, Total as CaCO3		52.8	mg/L	5.0	98	90	110			
Sample ID: C09050181-002AMS		Sample Matrix Spike				Run: MANTECH_090511B				05/12/09 02:31
Alkalinity, Total as CaCO3		289	mg/L	5.0	100	80	120			
Sample ID: C09050181-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090511B				05/12/09 02:38
Alkalinity, Total as CaCO3		289	mg/L	5.0	100	80	120	0	20	
Method: A2320 B										Batch: R118155
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090513A				05/13/09 17:21
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		4	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090513A				05/13/09 17:36
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090513A				05/13/09 17:43
Alkalinity, Total as CaCO3		52.4	mg/L	5.0	98	90	110			
Sample ID: C09050203-007AMS		Sample Matrix Spike				Run: MANTECH_090513A				05/13/09 18:34
Alkalinity, Total as CaCO3		228	mg/L	5.0	99	80	120			
Sample ID: C09050203-007AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090513A				05/13/09 18:42
Alkalinity, Total as CaCO3		230	mg/L	5.0	101	80	120	1	20	
Sample ID: C09050203-017AMS		Sample Matrix Spike				Run: MANTECH_090513A				05/13/09 20:09
Alkalinity, Total as CaCO3		145	mg/L	5.0	115	80	120			
Sample ID: C09050203-017AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090513A				05/13/09 20:17
Alkalinity, Total as CaCO3		129	mg/L	5.0	102	80	120	12	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B								Analytical Run: ORION555A_090507B		
Sample ID: ICV2_090507_2		Initial Calibration Verification Standard							05/07/09 14:15	
Conductivity		1450	umhos/cm	1.0	103	90	110			
Method: A2510 B								Batch: 090507_2_PH-W_555A-1		
Sample ID: MBLK1_090507_2		Method Blank				Run: ORION555A_090507B			05/07/09 14:12	
Conductivity		1	umhos/cm	0.2						
Sample ID: C09050203-007ADUP		Sample Duplicate				Run: ORION555A_090507B			05/07/09 14:51	
Conductivity		458	umhos/cm	1.0				0.2	10	
Method: A2510 B								Analytical Run: ORION555A_090508A		
Sample ID: ICV2_090508_1		Initial Calibration Verification Standard							05/08/09 11:52	
Conductivity		1400	umhos/cm	1.0	99	90	110			
Method: A2510 B								Batch: 090508_1_PH-W_555A-1		
Sample ID: MBLK1_090508_1		Method Blank				Run: ORION555A_090508A			05/08/09 11:47	
Conductivity		3	umhos/cm	0.2						
Sample ID: C09050210-008ADUP		Sample Duplicate				Run: ORION555A_090508A			05/08/09 12:10	
Conductivity		7570	umhos/cm	1.0				0	10	
Method: A2540 C								Batch: 090507_1_SLDS-TDS-W		
Sample ID: MBLK1_090507		Method Blank				Run: BAL-1_090507B			05/08/09 08:43	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090507		Laboratory Control Sample				Run: BAL-1_090507B			05/08/09 08:44	
Solids, Total Dissolved TDS @ 180 C		1000	mg/L	10	100	90	110			
Sample ID: C09050203-008AMS		Sample Matrix Spike				Run: BAL-1_090507B			05/08/09 09:02	
Solids, Total Dissolved TDS @ 180 C		2400	mg/L	10	101	90	110			
Sample ID: C09050203-008AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090507B			05/08/09 09:02	
Solids, Total Dissolved TDS @ 180 C		2390	mg/L	10	101	90	110	0.2	10	
Sample ID: C09050203-018AMS		Sample Matrix Spike				Run: BAL-1_090507B			05/08/09 09:06	
Solids, Total Dissolved TDS @ 180 C		2350	mg/L	10	102	90	110			
Sample ID: C09050203-018AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090507B			05/08/09 09:06	
Solids, Total Dissolved TDS @ 180 C		2350	mg/L	10	102	90	110	0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R118028
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090511A				05/11/09 10:42
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090511A				05/11/09 10:45
Fluoride		1.02	mg/L	0.10	102	90	110			
Sample ID: C09050203-001AMS		Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 15:19
Fluoride		1.12	mg/L	0.10	97	80	120			
Sample ID: C09050203-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 15:22
Fluoride		1.12	mg/L	0.10	97	80	120	0	10	
Sample ID: C09050203-011AMS		Sample Matrix Spike				Run: MANTECH_090511A				05/11/09 16:05
Fluoride		1.12	mg/L	0.10	96	80	120			
Sample ID: C09050203-011AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090511A				05/11/09 16:08
Fluoride		1.12	mg/L	0.10	96	80	120	0	10	
Method: A4500-F C										Batch: R118224
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090514A				05/14/09 12:42
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090514A				05/14/09 12:45
Fluoride		0.960	mg/L	0.10	96	90	110			
Sample ID: C09050203-016AMS		Sample Matrix Spike				Run: MANTECH_090514A				05/14/09 13:07
Fluoride		1.18	mg/L	0.10	101	80	120			
Sample ID: C09050203-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090514A				05/14/09 13:09
Fluoride		1.18	mg/L	0.10	101	80	120	0	10	
Method: A4500-H B										Analytical Run: ORION555A_090507B
Sample ID: ICV1_090507_2		Initial Calibration Verification Standard								05/07/09 14:13
pH		6.86	s.u.	0.010	100	98	102			
Method: A4500-H B										Batch: 090507_2_PH-W_555A-1
Sample ID: C09050203-007ADUP		Sample Duplicate				Run: ORION555A_090507B				05/07/09 14:51
pH		7.97	s.u.	0.010				0.1	10	
Method: A4500-H B										Analytical Run: ORION555A_090508A
Sample ID: ICV1_090508_1		Initial Calibration Verification Standard								05/08/09 11:50
pH		6.94	s.u.	0.010	101	98	102			
Method: A4500-H B										Batch: 090508_1_PH-W_555A-1
Sample ID: C09050210-008ADUP		Sample Duplicate				Run: ORION555A_090508A				05/08/09 12:10
pH		8.86	s.u.	0.010				0.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: 22321
Sample ID: MB-22321	2	Method Blank				Run: ICP2-C_090512A				05/12/09 20:37
Iron		ND	mg/L	0.03						
Manganese		ND	mg/L	0.007						
Sample ID: LCS3-22321	2	Laboratory Control Sample				Run: ICP2-C_090512A				05/12/09 20:41
Iron		2.51	mg/L	0.033	100	85	115			
Manganese		2.50	mg/L	0.010	100	85	115			
Sample ID: C09050167-003DMS3	2	Sample Matrix Spike				Run: ICP2-C_090512A				05/12/09 21:01
Iron		2.56	mg/L	0.066	99	70	130			
Manganese		2.44	mg/L	0.013	97	70	130			
Sample ID: C09050167-003DMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090512A				05/12/09 21:05
Iron		2.65	mg/L	0.066	103	70	130	3.7	20	
Manganese		2.57	mg/L	0.013	102	70	130	4.9	20	
Method: E200.7										Batch: R118035
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090511A				05/11/09 12:28
Calcium		0.3	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090511A				05/11/09 12:33
Calcium		47.4	mg/L	0.50	94	85	115			
Magnesium		48.0	mg/L	0.50	95	85	115			
Potassium		46.6	mg/L	0.50	93	85	115			
Sodium		47.7	mg/L	0.50	95	85	115			
Sample ID: MB-22250	4	Method Blank				Run: ICP3-C_090511A				05/11/09 12:48
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		0.06	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: C09050203-017BMS	4	Sample Matrix Spike				Run: ICP3-C_090511A				05/11/09 19:50
Calcium		41.3	mg/L	1.0	81	70	130			
Magnesium		43.3	mg/L	1.0	85	70	130			
Potassium		43.6	mg/L	1.0	85	70	130			
Sodium		44.9	mg/L	1.0	88	70	130			
Sample ID: C09050203-017BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090511A				05/11/09 19:55
Calcium		42.0	mg/L	1.0	82	70	130	1.5	20	
Magnesium		44.4	mg/L	1.0	87	70	130	2.5	20	
Potassium		43.7	mg/L	1.0	86	70	130	0.3	20	
Sodium		45.2	mg/L	1.0	88	70	130	0.8	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118070
Sample ID: MB-090512A	8	Method Blank				Run: ICP2-C_090512A				05/12/09 13:04
Aluminum		ND	mg/L	0.01						
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Potassium		ND	mg/L	0.1						
Silicon		0.09	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090512A	9	Laboratory Fortified Blank				Run: ICP2-C_090512A				05/12/09 13:08
Aluminum		0.963	mg/L	0.10	96	85	115			
Boron		0.985	mg/L	0.10	99	85	115			
Calcium		47.4	mg/L	0.50	95	85	115			
Iron		0.941	mg/L	0.030	94	85	115			
Magnesium		47.4	mg/L	0.50	95	85	115			
Potassium		45.2	mg/L	0.50	90	85	115			
Silicon		0.435	mg/L	0.015	87	85	115			
Sodium		45.2	mg/L	0.50	90	85	115			
Silica		0.931	mg/L	0.032	109	85	125			
Sample ID: MB-22126	8	Method Blank				Run: ICP2-C_090512A				05/12/09 14:00
Aluminum		ND	mg/L	0.06						
Boron		ND	mg/L	0.06						
Calcium		ND	mg/L	0.5						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Potassium		ND	mg/L	0.2						
Silicon		ND	mg/L	0.03						
Sodium		0.8	mg/L	0.5						
Sample ID: C09050203-008BMS2	8	Sample Matrix Spike				Run: ICP2-C_090512A				05/12/09 17:02
Aluminum		1.86	mg/L	0.10	88	70	130			
Boron		2.06	mg/L	0.10	101	70	130			
Calcium		146	mg/L	1.0	102	70	130			
Iron		1.98	mg/L	0.030	97	70	130			
Magnesium		101	mg/L	1.0	97	70	130			
Potassium		99.8	mg/L	1.0	96	70	130			
Silicon		7.91	mg/L	0.10		70	130			A
Sodium		168	mg/L	1.0	104	70	130			
Sample ID: C09050203-008BMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090512A				05/12/09 17:06
Aluminum		2.04	mg/L	0.10	97	70	130	8.9	20	
Boron		2.10	mg/L	0.10	103	70	130	1.9	20	
Calcium		145	mg/L	1.0	102	70	130	0.1	20	
Iron		2.00	mg/L	0.030	97	70	130	0.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118070	
Sample ID: C09050203-008BMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090512A			05/12/09 17:06	
Magnesium		105	mg/L	1.0	101	70	130	3.6	20	
Potassium		101	mg/L	1.0	97	70	130	1.2	20	
Silicon		7.98	mg/L	0.10		70	130	0.9	20	A
Sodium		166	mg/L	1.0	103	70	130	1	20	
Sample ID: C09050210-001BMS2	8	Sample Matrix Spike				Run: ICP2-C_090512A			05/12/09 18:52	
Aluminum		10.5	mg/L	0.32	103	70	130			
Boron		10.9	mg/L	0.28	102	70	130			
Calcium		686	mg/L	2.5	99	70	130			
Iron		9.88	mg/L	0.055	97	70	130			
Magnesium		721	mg/L	1.0	100	70	130			
Potassium		483	mg/L	1.0	93	70	130			
Silicon		4.83	mg/L	0.15	111	70	130			
Sodium		2710	mg/L	2.3		70	130			A
Sample ID: C09050210-001BMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090512A			05/12/09 18:56	
Aluminum		10.5	mg/L	0.32	103	70	130	0.5	20	
Boron		10.7	mg/L	0.28	101	70	130	1.5	20	
Calcium		669	mg/L	2.5	96	70	130	2.6	20	
Iron		9.76	mg/L	0.055	96	70	130	1.2	20	
Magnesium		687	mg/L	1.0	93	70	130	4.8	20	
Potassium		485	mg/L	1.0	93	70	130	0.4	20	
Silicon		4.77	mg/L	0.15	109	70	130	1.2	20	
Sodium		2720	mg/L	2.3		70	130	0.5	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118390
Sample ID: LRB	2	Method Blank				Run: ICP3-C_090519A				05/19/09 14:11
Iron		0.02	mg/L	0.01						
Manganese		ND	mg/L	0.003						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICP3-C_090519A				05/19/09 14:17
Iron		5.30	mg/L	0.030	106	85	115			
Manganese		5.05	mg/L	0.010	101	85	115			
Sample ID: MB-22207	2	Method Blank				Run: ICP3-C_090519A				05/19/09 14:41
Iron		ND	mg/L	0.01						
Manganese		ND	mg/L	0.003						
Sample ID: C09050203-007DMS	2	Sample Matrix Spike				Run: ICP3-C_090519A				05/19/09 21:50
Iron		0.440	mg/L	0.030	86	70	130			
Manganese		0.427	mg/L	0.021	84	70	130			
Sample ID: C09050203-007DMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090519A				05/19/09 21:55
Iron		0.439	mg/L	0.030	86	70	130	0.2	20	
Manganese		0.422	mg/L	0.021	83	70	130	1.2	20	
Sample ID: C09050243-001CMS	2	Sample Matrix Spike				Run: ICP3-C_090519A				05/19/09 23:07
Iron		0.425	mg/L	0.030	79	70	130			
Manganese		0.408	mg/L	0.021	80	70	130			
Sample ID: C09050243-001CMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090519A				05/19/09 23:12
Iron		0.438	mg/L	0.030	81	70	130	3	20	
Manganese		0.420	mg/L	0.021	82	70	130	2.9	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118569
Sample ID: MB-090522A	4	Method Blank				Run: ICP2-C_090522A				05/22/09 12:37
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.09						
Potassium		ND	mg/L	0.1						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090522A	4	Laboratory Fortified Blank				Run: ICP2-C_090522A				05/22/09 12:41
Calcium		47.4	mg/L	0.50	95	85	115			
Magnesium		47.7	mg/L	0.50	95	85	115			
Potassium		46.5	mg/L	0.50	93	85	115			
Sodium		46.8	mg/L	0.50	94	85	115			
Sample ID: C09050429-002BMS2	4	Sample Matrix Spike				Run: ICP2-C_090522A				05/22/09 14:58
Calcium		118	mg/L	1.0	97	70	130			
Magnesium		94.5	mg/L	1.0	91	70	130			
Potassium		95.2	mg/L	1.0	93	70	130			
Sodium		95.1	mg/L	1.0	92	70	130			
Sample ID: C09050429-002BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090522A				05/22/09 15:02
Calcium		119	mg/L	1.0	98	70	130	0.5	20	
Magnesium		95.3	mg/L	1.0	92	70	130	0.9	20	
Potassium		97.1	mg/L	1.0	95	70	130	2	20	
Sodium		95.9	mg/L	1.0	93	70	130	0.8	20	
Sample ID: C09050436-001BMS2	4	Sample Matrix Spike				Run: ICP2-C_090522A				05/22/09 16:19
Calcium		130	mg/L	0.50	92	70	130			
Magnesium		110	mg/L	0.50	94	70	130			
Potassium		92	mg/L	0.50	90	70	130			
Sodium		110	mg/L	0.50	95	70	130			
Sample ID: C09050436-001BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090522A				05/22/09 16:23
Calcium		140	mg/L	0.50	95	70	130	1.9	20	
Magnesium		110	mg/L	0.50	96	70	130	2.1	20	
Potassium		96	mg/L	0.50	93	70	130	3.7	20	
Sodium		110	mg/L	0.50	96	70	130	0.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118628
Sample ID: MB-090522A		Method Blank				Run: ICP2-C_090526A				05/26/09 15:33
Iron		ND	mg/L	0.005						
Sample ID: LFB-090522A		Laboratory Fortified Blank				Run: ICP2-C_090526A				05/26/09 15:37
Iron		0.966	mg/L	0.030	97	85	115			
Sample ID: C09050355-006AMS2		Sample Matrix Spike				Run: ICP2-C_090526A				05/26/09 17:00
Iron		9.34	mg/L	0.030	93	70	130			
Sample ID: C09050355-006AMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090526A				05/26/09 17:04
Iron		9.42	mg/L	0.030	94	70	130	0.9	20	
Method: E200.8										Batch: 22321
Sample ID: MB-22321		Method Blank				Run: ICPMS2-C_090513A				05/14/09 14:02
Thorium 232		0.0002	mg/L	7E-05						
Sample ID: LCS3-22321		Laboratory Control Sample				Run: ICPMS2-C_090513A				05/14/09 14:09
Thorium 232		0.563	mg/L	0.0010	113	85	115			
Sample ID: C09050167-003DMS3		Sample Matrix Spike				Run: ICPMS2-C_090513A				05/14/09 15:28
Thorium 232		0.563	mg/L	0.0010	112	70	130			
Sample ID: C09050167-003DMSD		Sample Matrix Spike Duplicate				Run: ICPMS2-C_090513A				05/14/09 15:36
Thorium 232		0.563	mg/L	0.0010	113	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117966
Sample ID: LRB	15	Method Blank				Run: ICPMS2-C_090508B				05/08/09 12:16
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		4E-05	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.0008	mg/L	6E-05						
Sample ID: LFB	15	Laboratory Fortified Blank				Run: ICPMS2-C_090508B				05/08/09 12:23
Aluminum		0.0492	mg/L	0.0022	98	85	115			
Arsenic		0.0533	mg/L	0.0010	107	85	115			
Barium		0.0527	mg/L	0.0010	105	85	115			
Cadmium		0.0518	mg/L	0.0010	104	85	115			
Chromium		0.0519	mg/L	0.0010	104	85	115			
Copper		0.0502	mg/L	0.0010	100	85	115			
Lead		0.0521	mg/L	0.0010	104	85	115			
Manganese		0.0521	mg/L	0.0010	104	85	115			
Mercury		0.00532	mg/L	0.0010	106	85	115			
Molybdenum		0.0525	mg/L	0.0010	105	85	115			
Nickel		0.0505	mg/L	0.0010	101	85	115			
Selenium		0.0522	mg/L	0.0014	104	85	115			
Uranium		0.0526	mg/L	0.00030	105	85	115			
Vanadium		0.0524	mg/L	0.0010	105	85	115			
Zinc		0.0532	mg/L	0.0010	105	85	115			
Sample ID: C09050203-005BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090508B				05/08/09 23:21
Aluminum		0.0485	mg/L	0.0010	97	70	130			
Arsenic		0.0522	mg/L	0.0010	102	70	130			
Barium		0.0806	mg/L	0.0010	105	70	130			
Cadmium		0.0505	mg/L	0.010	101	70	130			
Chromium		0.0489	mg/L	0.0010	98	70	130			
Copper		0.0487	mg/L	0.010	95	70	130			
Lead		0.0512	mg/L	0.050	102	70	130			
Manganese		0.0586	mg/L	0.010	97	70	130			
Mercury		0.00505	mg/L	0.0010	101	70	130			
Molybdenum		0.0519	mg/L	0.0010	102	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117966
Sample ID: C09050203-005BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090508B				05/08/09 23:21
Nickel		0.0483	mg/L	0.0010	97	70	130			
Selenium		0.0501	mg/L	0.0010	99	70	130			
Uranium		0.0590	mg/L	0.00030	102	70	130			
Vanadium		0.0502	mg/L	0.0010	100	70	130			
Zinc		0.0580	mg/L	0.010	99	70	130			
Sample ID: C09050203-005BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090508B				05/08/09 23:28
Aluminum		0.0447	mg/L	0.0010	89	70	130	8.3	20	
Arsenic		0.0529	mg/L	0.0010	103	70	130	1.5	20	
Barium		0.0806	mg/L	0.0010	105	70	130	0.1	20	
Cadmium		0.0507	mg/L	0.010	101	70	130	0.5	20	
Chromium		0.0489	mg/L	0.0010	98	70	130	0	20	
Copper		0.0492	mg/L	0.010	96	70	130	1	20	
Lead		0.0509	mg/L	0.050	102	70	130	0.7	20	
Manganese		0.0588	mg/L	0.010	97	70	130	0.4	20	
Mercury		0.00503	mg/L	0.0010	101	70	130	0.5	20	
Molybdenum		0.0521	mg/L	0.0010	102	70	130	0.5	20	
Nickel		0.0494	mg/L	0.0010	99	70	130	2.4	20	
Selenium		0.0518	mg/L	0.0010	103	70	130	3.3	20	
Uranium		0.0587	mg/L	0.00030	102	70	130	0.4	20	
Vanadium		0.0504	mg/L	0.0010	101	70	130	0.4	20	
Zinc		0.0592	mg/L	0.010	101	70	130	2.2	20	
Sample ID: C09050203-015BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090508B				05/09/09 02:45
Aluminum		0.0513	mg/L	0.0010	79	70	130			
Arsenic		0.0556	mg/L	0.0010	103	70	130			
Barium		0.0722	mg/L	0.0010	101	70	130			
Cadmium		0.0506	mg/L	0.010	101	70	130			
Chromium		0.0485	mg/L	0.0010	97	70	130			
Copper		0.0489	mg/L	0.010	97	70	130			
Lead		0.0502	mg/L	0.050	100	70	130			
Manganese		0.0516	mg/L	0.010	97	70	130			
Mercury		0.00501	mg/L	0.0010	100	70	130			
Molybdenum		0.0537	mg/L	0.0010	102	70	130			
Nickel		0.0493	mg/L	0.0010	97	70	130			
Selenium		0.0504	mg/L	0.0010	101	70	130			
Uranium		0.196	mg/L	0.00030	104	70	130			
Vanadium		0.0499	mg/L	0.0010	100	70	130			
Zinc		0.0531	mg/L	0.010	100	70	130			
Sample ID: C09050203-015BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090508B				05/09/09 02:52
Aluminum		0.0516	mg/L	0.0010	79	70	130	0.6	20	
Arsenic		0.0556	mg/L	0.0010	103	70	130	0	20	
Barium		0.0726	mg/L	0.0010	102	70	130	0.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R117966
Sample ID: C09050203-015BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090508B				05/09/09 02:52
Cadmium		0.0508	mg/L	0.010	102	70	130	0.5	20	
Chromium		0.0490	mg/L	0.0010	98	70	130	0.9	20	
Copper		0.0489	mg/L	0.010	97	70	130	0.1	20	
Lead		0.0508	mg/L	0.050	101	70	130	1.2	20	
Manganese		0.0524	mg/L	0.010	99	70	130	1.6	20	
Mercury		0.00512	mg/L	0.0010	102	70	130	2.2	20	
Molybdenum		0.0541	mg/L	0.0010	103	70	130	0.7	20	
Nickel		0.0495	mg/L	0.0010	97	70	130	0.3	20	
Selenium		0.0505	mg/L	0.0010	101	70	130	0.4	20	
Uranium		0.199	mg/L	0.00030	109	70	130	1.5	20	
Vanadium		0.0504	mg/L	0.0010	101	70	130	0.9	20	
Zinc		0.0527	mg/L	0.010	99	70	130	0.7	20	
Method: E200.8										Batch: R118392
Sample ID: LRB	2	Method Blank				Run: ICPMS2-C_090519A				05/19/09 11:56
Manganese		ND	mg/L	5E-05						
Thorium 232		0.0002	mg/L	3E-05						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS2-C_090519A				05/19/09 12:03
Manganese		0.0487	mg/L	0.0010	97	85	115			
Thorium 232		0.0486	mg/L	0.0010	97	85	115			
Sample ID: C09050246-015DMS4	2	Sample Matrix Spike				Run: ICPMS2-C_090519A				05/19/09 22:40
Manganese		0.0478	mg/L	0.010	91	70	130			
Thorium 232		0.0472	mg/L	0.0010	94	70	130			
Sample ID: C09050246-015DMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090519A				05/19/09 22:47
Manganese		0.0478	mg/L	0.010	91	70	130	0.1	20	
Thorium 232		0.0478	mg/L	0.0010	96	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R118395
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090518A				05/18/09 12:30
Chloride		9.75	mg/L	1.0	98	90	110			
Sulfate		38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090518A				05/18/09 12:45
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050178-003AMS	2	Sample Matrix Spike				Run: IC1-C_090518A				05/19/09 04:41
Chloride		264	mg/L	1.0		90	110			A
Sulfate		889	mg/L	1.0	87	90	110			S
Sample ID: C09050178-003AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/19/09 04:56
Chloride		262	mg/L	1.0		90	110	0.8	20	A
Sulfate		885	mg/L	1.0	84	90	110	0.5	20	S
Sample ID: C09050203-007AMS	2	Sample Matrix Spike				Run: IC1-C_090518A				05/19/09 08:16
Chloride		25.1	mg/L	1.0	106	90	110			
Sulfate		197	mg/L	1.0	107	90	110			
Sample ID: C09050203-007AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/19/09 08:32
Chloride		25.0	mg/L	1.0	106	90	110	0.3	20	
Sulfate		197	mg/L	1.0	106	90	110	0.3	20	
Sample ID: C09050203-018AMS	2	Sample Matrix Spike				Run: IC1-C_090518A				05/19/09 12:23
Chloride		29.1	mg/L	1.0	107	90	110			
Sulfate		213	mg/L	1.0	105	90	110			
Sample ID: C09050203-018AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A				05/19/09 12:38
Chloride		29.4	mg/L	1.0	109	90	110	0.9	20	
Sulfate		214	mg/L	1.0	105	90	110	0.2	20	
Method: E300.0										Batch: R118663
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090523A				05/23/09 14:17
Chloride		9.82	mg/L	1.0	98	90	110			
Sulfate		39.2	mg/L	1.0	98	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090523A				05/23/09 14:33
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050144-004AMS	2	Sample Matrix Spike				Run: IC1-C_090523A				05/23/09 15:19
Chloride		25.4	mg/L	1.0	103	90	110			
Sulfate		230	mg/L	1.0	99	90	110			
Sample ID: C09050144-004AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/23/09 15:35
Chloride		25.5	mg/L	1.0	103	90	110	0.2	20	
Sulfate		230	mg/L	1.0	98	90	110	0.2	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1										Batch: B_R129132
Sample ID: MBLK		Method Blank				Run: SUB-B129132			05/08/09 09:43	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129132			05/08/09 09:45	
Nitrogen, Ammonia as N		1.03	mg/L	0.10	104	90	110			
Sample ID: C09050144-011E		Sample Matrix Spike				Run: SUB-B129132			05/08/09 10:19	
Nitrogen, Ammonia as N		0.804	mg/L	0.050	80	90	110			S
Sample ID: C09050144-011E		Sample Matrix Spike Duplicate				Run: SUB-B129132			05/08/09 10:20	
Nitrogen, Ammonia as N		0.778	mg/L	0.050	78	90	110	3.3	10	S
Sample ID: B09050717-002AMS		Sample Matrix Spike				Run: SUB-B129132			05/08/09 11:07	
Nitrogen, Ammonia as N		1.08	mg/L	0.10	110	90	110			
Sample ID: B09050717-002AMSD		Sample Matrix Spike Duplicate				Run: SUB-B129132			05/08/09 11:08	
Nitrogen, Ammonia as N		1.08	mg/L	0.10	110	90	110	0.1	10	
Method: E350.1										Batch: B_R129201
Sample ID: MBLK		Method Blank				Run: SUB-B129201			05/11/09 09:50	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129201			05/11/09 09:52	
Nitrogen, Ammonia as N		1.03	mg/L	0.10	104	90	110			
Sample ID: B09050867-001DMS		Sample Matrix Spike				Run: SUB-B129201			05/11/09 11:15	
Nitrogen, Ammonia as N		2.28	mg/L	0.10	77	90	110			S
Sample ID: B09050867-001DMSD		Sample Matrix Spike Duplicate				Run: SUB-B129201			05/11/09 11:16	
Nitrogen, Ammonia as N		2.28	mg/L	0.10	77	90	110	0.1	10	S
Sample ID: C09050181-001D		Sample Matrix Spike				Run: SUB-B129201			05/11/09 10:40	
Nitrogen, Ammonia as N		0.876	mg/L	0.050	88	90	110			S
Sample ID: C09050181-001D		Sample Matrix Spike Duplicate				Run: SUB-B129201			05/11/09 10:41	
Nitrogen, Ammonia as N		0.867	mg/L	0.050	87	90	110	1	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: B_R129240
Sample ID: MBLK		Method Blank				Run: SUB-B129240				05/11/09 14:33
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129240				05/11/09 14:34
Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.050	107	90	110			
Sample ID: C09050203-006E		Sample Matrix Spike				Run: SUB-B129240				05/11/09 15:13
Nitrogen, Nitrate+Nitrite as N		1.00	mg/L	0.050	102	90	110			
Sample ID: C09050203-006E		Sample Matrix Spike Duplicate				Run: SUB-B129240				05/11/09 15:14
Nitrogen, Nitrate+Nitrite as N		1.00	mg/L	0.050	103	90	110	0.4	10	
Sample ID: C09050181-002D		Sample Matrix Spike				Run: SUB-B129240				05/11/09 14:56
Nitrogen, Nitrate+Nitrite as N		1.03	mg/L	0.050	104	90	110			
Sample ID: C09050181-002D		Sample Matrix Spike Duplicate				Run: SUB-B129240				05/11/09 14:58
Nitrogen, Nitrate+Nitrite as N		1.03	mg/L	0.050	104	90	110	0	10	
Sample ID: B09050729-001DMS		Sample Matrix Spike				Run: SUB-B129240				05/11/09 16:06
Nitrogen, Nitrate+Nitrite as N		1.17	mg/L	0.050	107	90	110			
Sample ID: B09050729-001DMSD		Sample Matrix Spike Duplicate				Run: SUB-B129240				05/11/09 16:07
Nitrogen, Nitrate+Nitrite as N		1.18	mg/L	0.050	107	90	110	0.8	10	
Sample ID: C09050203-009E		Sample Matrix Spike				Run: SUB-B129240				05/11/09 16:23
Nitrogen, Nitrate+Nitrite as N		1.07	mg/L	0.050	109	90	110			
Sample ID: C09050203-009E		Sample Matrix Spike Duplicate				Run: SUB-B129240				05/11/09 16:24
Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.050	107	90	110	2.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0653
Sample ID: MB-GrAB-0653	6	Method Blank				Run: TENNELEC-3_090519A			05/22/09 03:05	
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0653		Laboratory Control Sample				Run: TENNELEC-3_090519A			05/22/09 03:05	
Gross Alpha		150	pCi/L		109	70	130			
Sample ID: Cs137-GrAB-0653		Laboratory Control Sample				Run: TENNELEC-3_090519A			05/22/09 03:05	
Gross Beta		92	pCi/L		103	70	130			
Sample ID: C09050182-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090519A			05/23/09 03:24	
Gross Alpha		184	pCi/L		130	70	130			
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050182-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090519A			05/23/09 03:24	
Gross Alpha		208	pCi/L		148	70	130	12	17.6	S
Sample ID: C09050182-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090519A			05/23/09 03:24	
Gross Beta		96.6	pCi/L		106	70	130			
Sample ID: C09050182-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090519A			05/23/09 03:24	
Gross Beta		90.5	pCi/L		99	70	130	0	16.3	
Sample ID: C09050400-001DDUP	6	Sample Duplicate				Run: TENNELEC-3_090519A			05/23/09 03:24	
Gross Alpha		36.3	pCi/L					15	32.4	
Gross Alpha precision (±)		3.89	pCi/L							
Gross Alpha MDC		2.79	pCi/L							
Gross Beta		14.7	pCi/L					22	54.2	
Gross Beta precision (±)		2.97	pCi/L							
Gross Beta MDC		4.52	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0662	
Sample ID: MB-GrAB-0662	6	Method Blank				Run: G5000W_090601B			06/04/09 02:05	
Gross Alpha		-0.1	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-1	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0662		Laboratory Control Sample				Run: G5000W_090601B			06/04/09 02:05	
Gross Alpha		140	pCi/L		103	70	130			
Sample ID: Cs137-GrAB-0662		Laboratory Control Sample				Run: G5000W_090601B			06/04/09 02:05	
Gross Beta		88	pCi/L		97	70	130			
Sample ID: C09050182-008ADUP	6	Sample Duplicate				Run: G5000W_090601B			06/04/09 02:05	
Gross Alpha		1.84	pCi/L					190	341.1	U
Gross Alpha precision (±)		2.36	pCi/L							
Gross Alpha MDC		3.73	pCi/L							
Gross Beta		-3.10	pCi/L					38	159	U
Gross Beta precision (±)		1.98	pCi/L							
Gross Beta MDC		3.43	pCi/L							
Sample ID: C09050587-004AMS		Sample Matrix Spike				Run: G5000W_090601B			06/05/09 04:41	
Gross Alpha		185	pCi/L		131	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050587-004AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090601B			06/05/09 04:41	
Gross Alpha		224	pCi/L		159	70	130	19	20	S
Sample ID: C09050587-004AMS		Sample Matrix Spike				Run: G5000W_090601B			06/05/09 04:41	
Gross Beta		103	pCi/L		101	70	130			
Sample ID: C09050587-004AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090601B			06/05/09 04:41	
Gross Beta		102	pCi/L		100	70	130	0.9	15.8	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0669
Sample ID: MB-GrAB-0669	6	Method Blank				Run: TENNELEC-3_090610A				06/12/09 04:41
Gross Alpha		2	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-3	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0669		Laboratory Control Sample				Run: TENNELEC-3_090610A				06/12/09 04:42
Gross Alpha		130	pCi/L		95	70	130			
Sample ID: Cs137-GrAB-0669		Laboratory Control Sample				Run: TENNELEC-3_090610A				06/12/09 04:42
Gross Beta		120	pCi/L		129	70	130			
Sample ID: C09050645-009DMS		Sample Matrix Spike				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Alpha		157	pCi/L		79	70	130			
Sample ID: C09050645-009DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Alpha		158	pCi/L		80	70	130	0.9	16.1	
Sample ID: C09050645-009DMS		Sample Matrix Spike				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Beta		132	pCi/L		118	70	130			
Sample ID: C09050645-009DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090610A				06/21/09 20:25
Gross Beta		138	pCi/L		123	70	130	3.9	15.6	
Method: E903.0										Batch: RA226-3656
Sample ID: C09050203-001CMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090509A				05/26/09 21:38
Radium 226		22	pCi/L		119	70	130			
Sample ID: C09050203-001CMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090509A				05/26/09 21:38
Radium 226		22	pCi/L		120	70	130	0.2	22.1	
Sample ID: MB-RA226-3656	3	Method Blank				Run: BERTHOLD 770-1_090509A				05/26/09 23:19
Radium 226		0.1	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3656		Laboratory Control Sample				Run: BERTHOLD 770-1_090509A				05/26/09 23:19
Radium 226		8.3	pCi/L		103	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3657
Sample ID: C09050203-010CMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090510A				05/27/09 01:02
Radium 226		22	pCi/L		88	70	130			
Sample ID: C09050203-010CMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090510A				05/27/09 01:02
Radium 226		25	pCi/L		103	70	130	11	22.3	
Sample ID: MB-RA226-3657	3	Method Blank				Run: BERTHOLD 770-1_090510A				05/27/09 02:54
Radium 226		-0.04	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3657		Laboratory Control Sample				Run: BERTHOLD 770-1_090510A				05/27/09 02:54
Radium 226		8.1	pCi/L		103	70	130			
Method: E903.0										Batch: RA226-3661
Sample ID: C09050203-003CMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090511B				05/27/09 17:25
Radium 226		72	pCi/L		116	70	130			
Sample ID: C09050203-003CMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090511B				05/27/09 17:25
Radium 226		69	pCi/L		94	70	130	4.7	16.9	
Sample ID: MB-RA226-3661	3	Method Blank				Run: BERTHOLD 770-2_090511B				05/28/09 08:25
Radium 226		0.02	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3661		Laboratory Control Sample				Run: BERTHOLD 770-2_090511B				05/28/09 08:25
Radium 226		7.5	pCi/L		94	70	130			
Method: RA-05										Batch: 118604
Sample ID: LCS-228-RA226-3661		Laboratory Control Sample				Run: TENNELEC-3_090511A				05/21/09 14:53
Radium 228		7.61	pCi/L		95	70	130			
Sample ID: MB-RA226-3661	3	Method Blank				Run: TENNELEC-3_090511A				05/21/09 14:53
Radium 228		-0.7	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050203-008CMS		Sample Matrix Spike				Run: TENNELEC-3_090511A				05/21/09 14:53
Radium 228		16.8	pCi/L		93	70	130			
Sample ID: C09050203-008CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090511A				05/21/09 14:53
Radium 228		15.8	pCi/L		87	70	130	6.5	36.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/09/09
Work Order: C09050203

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2658
Sample ID: LCS-228-RA226-3656		Laboratory Control Sample				Run: TENNELEC-3_090509A				05/20/09 14:11
Radium 228		8.19	pCi/L		96	70	130			
Sample ID: MB-RA226-3656	3	Method Blank				Run: TENNELEC-3_090509A				05/20/09 14:11
Radium 228		-0.1	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050203-002CMS		Sample Matrix Spike				Run: TENNELEC-3_090509A				05/20/09 14:11
Radium 228		20.2	pCi/L		94	70	130			
Sample ID: C09050203-002CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090509A				05/20/09 14:11
Radium 228		20.1	pCi/L		93	70	130	0.8	30.3	
Method: RA-05										Batch: RA228-2659
Sample ID: LCS-228-RA226-3657		Laboratory Control Sample				Run: TENNELEC-3_090510A				05/21/09 10:37
Radium 228		8.53	pCi/L		99	70	130			
Sample ID: MB-RA226-3657	3	Method Blank				Run: TENNELEC-3_090510A				05/21/09 10:37
Radium 228		-0.1	pCi/L							U
Radium 228 precision (±)		0.9	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050203-018CMS		Sample Matrix Spike				Run: TENNELEC-3_090510A				05/21/09 10:37
Radium 228		20.8	pCi/L		96	70	130			
Sample ID: C09050203-018CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090510A				05/21/09 10:37
Radium 228		21.2	pCi/L		100	70	130	2.2	34	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5888 Enterprise Dr. Suite 200, Casper, WY 82609	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: John.Cash@ur-energy.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excell Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): _____
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guidline 8	SEE ATTACHED	Normal Turnaround (TAT)	
1	MO-104 #43	5-6-09		W 2gal				
2	MP-104 #44							
3	MU-104 #45							
4	MO-106 #46							
5	MP-106 #47							
6	MU-106 #48							
7	MO-107 #49							C09050203
8	MP-107 #50							
9	MU-107 #51							
10	M-133 #52							

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hurt	5-6-09 5:30p.m.		C. McPik	5/7/09 8:47	
Relinquished by (print): Charles Kelsey	Date/Time: 07May09	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☒
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: John.Cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format:
☐ State: ☐ LEVEL IV
☐ Other: ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED: Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Ene
Receipt Temp 6 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8											
1	MO-108 #53	5-6-09		W 2qt												
2	MP-108 #54															
3	MO-109 #55															
4	MP-109 #56															
5	MP-113 #57															
6	MU-109 #58															
7	M-134 #59															
8	MU-111 #37															
9															C09050203	
10																

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-6-09 5:30 p.m.		[illegible]	5/7/09 8:47	
Relinquished by (print): Charles Kelsay	Date/Time: 07 May 09	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:

Sample Disposal: Return to Client ☐ Lab Disposal: ☐

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050203

UR Energy USA Inc

Login completed by: Corinne Wagner

Reviewed by:

Reviewed Date:

Date and Time Received: 5/7/2009 8:47 AM

Received by: em

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	6°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050203

Date: 09-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 02, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050246 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 5/8/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050246-001	MO-103	05/07/09 00:00	05/08/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050246-002	MP-103	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-003	MU-103	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-004	MO-105	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-005	MP-105	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-006	MU-105	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-007	KPW-2	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-008	M-135	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-009	MO-101	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-010	MP-101	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-011	MU-101	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-012	MO-102	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-013	MP-102	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-014	MU-102	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-015	MP-111	05/07/09 00:00	05/08/09	Aqueous	Same As Above
C09050246-016	M-136	05/07/09 00:00	05/08/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-001
Client Sample ID: MO-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/13/09 22:55 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 22:55 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	05/13/09 22:55 / ljl
Calcium	80	mg/L		1		E200.7	05/28/09 22:04 / rdw
Chloride	6	mg/L		1		E300.0	05/23/09 16:21 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:28 / ljl
Magnesium	4	mg/L		1		E200.7	05/28/09 22:04 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:11 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.07	mg/L		0.05		E353.2	05/12/09 15:51 / eli-b
Potassium	2	mg/L		1		E200.7	05/28/09 22:04 / rdw
Silica	15.8	mg/L		0.2		E200.7	05/28/09 22:04 / rdw
Sodium	33	mg/L		1		E200.7	05/28/09 22:04 / rdw
Sulfate	175	mg/L		1		E300.0	05/23/09 16:21 / ljl
PHYSICAL PROPERTIES							
Conductivity	577	umhos/cm		1		A2510 B	05/11/09 10:20 / dd
pH	7.77	s.u.		0.01		A4500-H B	05/11/09 10:20 / dd
Solids, Total Dissolved TDS @ 180 C	396	mg/L		10		A2540 C	05/11/09 13:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 14:46 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/15/09 00:16 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:09 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 22:04 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 00:16 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 00:16 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 00:16 / ts
Iron	0.04	mg/L		0.03		E200.7	05/12/09 22:09 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 00:16 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:09 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 00:16 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 00:16 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 00:16 / ts
Selenium	0.014	mg/L		0.001		E200.8	05/15/09 00:16 / ts
Uranium	0.481	mg/L		0.0003		E200.8	05/15/09 00:16 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 00:16 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 00:16 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 23:48 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 23:48 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-001
Client Sample ID: MO-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	500	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha precision (±)	10.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta	121	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/05/09 04:41 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/05/09 04:41 / cgr
Radium 226	3.3	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	0.35	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.12	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	2.7	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.16	%				Calculation	06/01/09 07:57 / kbh
Anions	6.08	meq/L				Calculation	06/01/09 07:57 / kbh
Cations	5.82	meq/L				Calculation	06/01/09 07:57 / kbh
Solids, Total Dissolved Calculated	389	mg/L				Calculation	06/01/09 07:57 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/01/09 07:57 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-002
Client Sample ID: MP-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/13/09 23:02 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 23:02 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	05/13/09 23:02 / ljl
Calcium	74	mg/L		1		E200.7	05/28/09 22:21 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 16:36 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:32 / ljl
Magnesium	4	mg/L		1		E200.7	05/28/09 22:21 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:13 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 15:52 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 22:21 / rdw
Silica	13.6	mg/L		0.2		E200.7	05/28/09 22:21 / rdw
Sodium	33	mg/L		1		E200.7	05/28/09 22:21 / rdw
Sulfate	166	mg/L		1		E300.0	05/23/09 16:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	549	umhos/cm		1		A2510 B	05/11/09 10:24 / dd
pH	7.83	s.u.		0.01		A4500-H B	05/11/09 10:24 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	05/11/09 13:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 14:58 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/15/09 00:23 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:24 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 22:21 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 00:23 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 00:23 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 00:23 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:24 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 00:23 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:24 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 00:23 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 00:23 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 00:23 / ts
Selenium	0.002	mg/L		0.001		E200.8	05/15/09 00:23 / ts
Uranium	0.0634	mg/L		0.0003		E200.8	05/15/09 00:23 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 00:23 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 00:23 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 23:53 / rdw
Manganese	ND	mg/L		0.01		E200.8	05/19/09 22:20 / ts
Thorium 232	ND	mg/L		0.001		E200.8	05/19/09 22:20 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-002
Client Sample ID: MP-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	240	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	7.3	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	120	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	100	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	2.0	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	2.7	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.06	%				Calculation	06/01/09 09:24 / kbh
Anions	5.71	meq/L				Calculation	06/01/09 09:24 / kbh
Cations	5.48	meq/L				Calculation	06/01/09 09:24 / kbh
Solids, Total Dissolved Calculated	364	mg/L				Calculation	06/01/09 09:24 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/01/09 09:24 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-003
Client Sample ID: MU-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	83	mg/L		1		A2320 B	05/13/09 23:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 23:09 / ljl
Bicarbonate as HCO3	101	mg/L		1		A2320 B	05/13/09 23:09 / ljl
Calcium	45	mg/L		1		E200.7	05/28/09 22:26 / rdw
Chloride	4	mg/L		1		E300.0	05/23/09 16:52 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:35 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 22:26 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:14 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 15:53 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 22:26 / rdw
Silica	14.8	mg/L		0.2		E200.7	05/28/09 22:26 / rdw
Sodium	27	mg/L		1		E200.7	05/28/09 22:26 / rdw
Sulfate	92	mg/L		1		E300.0	05/23/09 16:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	372	umhos/cm		1		A2510 B	05/11/09 10:26 / dd
pH	8.42	s.u.		0.01		A4500-H B	05/11/09 10:26 / dd
Solids, Total Dissolved TDS @ 180 C	273	mg/L		10		A2540 C	05/11/09 13:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 15:06 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/15/09 00:30 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:29 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 22:26 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 00:30 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 00:30 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 00:30 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:29 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 00:30 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:29 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 00:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 00:30 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 00:30 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 00:30 / ts
Uranium	0.0105	mg/L		0.0003		E200.8	05/15/09 00:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 00:30 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/15/09 00:30 / ts
METALS - TOTAL							
Iron	1.18	mg/L		0.03		E200.8	06/04/09 12:48 / sml
Manganese	0.01	mg/L		0.01		E200.8	06/04/09 12:48 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-003
Client Sample ID: MU-103

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	132	pCi/L				E900.0	06/20/09 13:36 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/20/09 13:36 / cgr
Gross Alpha MDC	2.5	pCi/L				E900.0	06/20/09 13:36 / cgr
Gross Beta	63.4	pCi/L				E900.0	06/20/09 13:36 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	06/20/09 13:36 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/20/09 13:36 / cgr
Radium 226	4.8	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	0.38	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.10	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	2.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.791	%				Calculation	06/01/09 09:25 / kbh
Anions	3.70	meq/L				Calculation	06/01/09 09:25 / kbh
Cations	3.64	meq/L				Calculation	06/01/09 09:25 / kbh
Solids, Total Dissolved Calculated	242	mg/L				Calculation	06/01/09 09:25 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/01/09 09:25 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-004
Client Sample ID: MO-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	05/13/09 23:16 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 23:16 / ljl
Bicarbonate as HCO3	127	mg/L		1		A2320 B	05/13/09 23:16 / ljl
Calcium	58	mg/L		1		E200.7	05/28/09 22:32 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 17:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:38 / ljl
Magnesium	3	mg/L		1		E200.7	05/28/09 22:32 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:15 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.12	mg/L		0.05		E353.2	05/12/09 15:54 / eli-b
Potassium	2	mg/L		1		E200.7	05/28/09 22:32 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/28/09 22:32 / rdw
Sodium	32	mg/L		1		E200.7	05/28/09 22:32 / rdw
Sulfate	125	mg/L		1		E300.0	05/23/09 17:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	469	umhos/cm		1		A2510 B	05/11/09 10:28 / dd
pH	7.98	s.u.		0.01		A4500-H B	05/11/09 10:28 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	05/11/09 13:56 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 15:10 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/15/09 00:37 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:34 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 22:32 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 00:37 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 00:37 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 00:37 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:34 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 00:37 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:34 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 00:37 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 00:37 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 00:37 / ts
Selenium	0.014	mg/L		0.001		E200.8	05/15/09 00:37 / ts
Uranium	0.320	mg/L		0.0003		E200.8	05/15/09 00:37 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 00:37 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 00:37 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/19/09 23:59 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/19/09 23:59 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-004
Client Sample ID: MO-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	334	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Alpha precision (±)	7.7	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta	121	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/21/09 20:26 / cgr
Radium 226	2.4	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	0.30	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.12	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	2.1	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.41	%				Calculation	06/01/09 09:25 / kbh
Anions	4.82	meq/L				Calculation	06/01/09 09:25 / kbh
Cations	4.60	meq/L				Calculation	06/01/09 09:25 / kbh
Solids, Total Dissolved Calculated	306	mg/L				Calculation	06/01/09 09:25 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/01/09 09:25 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-005
Client Sample ID: MP-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	75	mg/L		1		A2320 B	05/13/09 23:23 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 23:23 / ljl
Bicarbonate as HCO3	90	mg/L		1		A2320 B	05/13/09 23:23 / ljl
Calcium	56	mg/L		1		E200.7	05/28/09 22:37 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 17:22 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/14/09 14:41 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 22:37 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:16 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 15:55 / eli-b
Potassium	8	mg/L		1		E200.7	05/28/09 22:37 / rdw
Silica	13.9	mg/L		0.2		E200.7	05/28/09 22:37 / rdw
Sodium	34	mg/L		1		E200.7	05/28/09 22:37 / rdw
Sulfate	138	mg/L		1		E300.0	05/23/09 17:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	460	umhos/cm		1		A2510 B	05/11/09 10:29 / dd
pH	8.69	s.u.		0.01		A4500-H B	05/11/09 10:29 / dd
Solids, Total Dissolved TDS @ 180 C	306	mg/L		10		A2540 C	05/11/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 15:15 / cp
Arsenic	0.019	mg/L		0.001		E200.8	05/15/09 00:43 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:39 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 22:37 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 00:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 00:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 00:43 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:39 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 00:43 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:39 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 00:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 00:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 00:43 / ts
Selenium	0.007	mg/L		0.001		E200.8	05/15/09 00:43 / ts
Uranium	0.453	mg/L		0.0003		E200.8	05/15/09 00:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 00:43 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 00:43 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 00:09 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 00:09 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-005
Client Sample ID: MP-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	914	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	13.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	398	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	5.1	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	242	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	2.9	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.12	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	3.0	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	1.10	%				Calculation	06/01/09 09:25 / kbh
Anions	4.53	meq/L				Calculation	06/01/09 09:25 / kbh
Cations	4.63	meq/L				Calculation	06/01/09 09:25 / kbh
Solids, Total Dissolved Calculated	306	mg/L				Calculation	06/01/09 09:25 / kbh
TDS Balance (0.80 - 1.20)	1.00					Calculation	06/01/09 09:25 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-006
Client Sample ID: MU-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	92	mg/L		1		A2320 B	05/13/09 23:31 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/13/09 23:31 / ljl
Bicarbonate as HCO3	105	mg/L		1		A2320 B	05/13/09 23:31 / ljl
Calcium	45	mg/L		1		E200.7	05/28/09 23:00 / rdw
Chloride	4	mg/L		1		E300.0	05/23/09 17:38 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:49 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 23:00 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:17 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 15:56 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 23:00 / rdw
Silica	14.2	mg/L		0.2		E200.7	05/28/09 23:00 / rdw
Sodium	32	mg/L		1		E200.7	05/28/09 23:00 / rdw
Sulfate	100	mg/L		1		E300.0	05/23/09 17:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	402	umhos/cm		1		A2510 B	05/11/09 10:31 / dd
pH	8.60	s.u.		0.01		A4500-H B	05/11/09 10:31 / dd
Solids, Total Dissolved TDS @ 180 C	265	mg/L		10		A2540 C	05/11/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 15:19 / cp
Arsenic	0.004	mg/L		0.001		E200.8	05/15/09 01:31 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:45 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:00 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 01:31 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 01:31 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 01:31 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:45 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 01:31 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:45 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 01:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 01:31 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 01:31 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 01:31 / ts
Uranium	0.0275	mg/L		0.0003		E200.8	05/15/09 01:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 01:31 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 01:31 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 00:14 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 00:14 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-006
Client Sample ID: MU-105

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	161	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	57.6	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	70	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	1.5	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.12	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	3.3	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.50	%				Calculation	06/01/09 09:26 / kbh
Anions	4.04	meq/L				Calculation	06/01/09 09:26 / kbh
Cations	3.84	meq/L				Calculation	06/01/09 09:26 / kbh
Solids, Total Dissolved Calculated	259	mg/L				Calculation	06/01/09 09:26 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/01/09 09:26 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-007
Client Sample ID: KPW-2

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	05/13/09 23:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/13/09 23:54 / ljl
Bicarbonate as HCO3	121	mg/L		1		A2320 B	05/13/09 23:54 / ljl
Calcium	53	mg/L		1		E200.7	05/28/09 23:07 / rdw
Chloride	6	mg/L		1		E300.0	05/23/09 17:53 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:52 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 23:07 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:18 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:04 / eli-b
Potassium	5	mg/L		1		E200.7	05/28/09 23:07 / rdw
Silica	15.5	mg/L		0.2		E200.7	05/28/09 23:07 / rdw
Sodium	34	mg/L		1		E200.7	05/28/09 23:07 / rdw
Sulfate	121	mg/L		1		E300.0	05/23/09 17:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	460	umhos/cm		1		A2510 B	05/11/09 10:35 / dd
pH	8.12	s.u.		0.01		A4500-H B	05/11/09 10:35 / dd
Solids, Total Dissolved TDS @ 180 C	307	mg/L		10		A2540 C	05/11/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 16:11 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/15/09 01:38 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:50 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:07 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 01:38 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 01:38 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 01:38 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:50 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 01:38 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:50 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 01:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 01:38 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 01:38 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 01:38 / ts
Uranium	0.0226	mg/L		0.0003		E200.8	05/15/09 01:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 01:38 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 01:38 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 00:19 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 00:19 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-007
Client Sample ID: KPW-2

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	42.4	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	20.1	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	6.8	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	0.53	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	5.0	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.30	%				Calculation	06/01/09 09:45 / kbh
Anions	4.65	meq/L				Calculation	06/01/09 09:45 / kbh
Cations	4.44	meq/L				Calculation	06/01/09 09:45 / kbh
Solids, Total Dissolved Calculated	300	mg/L				Calculation	06/01/09 09:45 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/01/09 09:45 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-008
Client Sample ID: M-135

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	93	mg/L		1		A2320 B	05/14/09 00:01 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/14/09 00:01 / ljl
Bicarbonate as HCO3	107	mg/L		1		A2320 B	05/14/09 00:01 / ljl
Calcium	45	mg/L		1		E200.7	05/28/09 23:12 / rdw
Chloride	4	mg/L		1		E300.0	05/23/09 18:39 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/14/09 14:55 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 23:12 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:22 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:00 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 23:12 / rdw
Silica	14.1	mg/L		0.2		E200.7	05/28/09 23:12 / rdw
Sodium	32	mg/L		1		E200.7	05/28/09 23:12 / rdw
Sulfate	100	mg/L		1		E300.0	05/23/09 18:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	402	umhos/cm		1		A2510 B	05/11/09 10:36 / dd
pH	8.59	s.u.		0.01		A4500-H B	05/11/09 10:36 / dd
Solids, Total Dissolved TDS @ 180 C	273	mg/L		10		A2540 C	05/11/09 13:57 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 16:15 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/15/09 01:44 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 22:55 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:12 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 01:44 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 01:44 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 01:44 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 22:55 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 01:44 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 22:55 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 01:44 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 01:44 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 01:44 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 01:44 / ts
Uranium	0.0275	mg/L		0.0003		E200.8	05/15/09 01:44 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 01:44 / ts
Zinc	0.01	mg/L		0.01		E200.8	05/15/09 01:44 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 00:40 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 00:40 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-008
Client Sample ID: M-135

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	165	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	5.6	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	57.0	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	73	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 precision (±)	1.7	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	05/27/09 00:37 / jah
Radium 228	3.8	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 12:47 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.95	%				Calculation	06/01/09 09:26 / kbh
Anions	4.08	meq/L				Calculation	06/01/09 09:26 / kbh
Cations	3.84	meq/L				Calculation	06/01/09 09:26 / kbh
Solids, Total Dissolved Calculated	260	mg/L				Calculation	06/01/09 09:26 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/01/09 09:26 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-009
Client Sample ID: MO-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	05/14/09 00:08 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/14/09 00:08 / ljl
Bicarbonate as HCO3	135	mg/L		1		A2320 B	05/14/09 00:08 / ljl
Calcium	91	mg/L		1		E200.7	05/28/09 23:17 / rdw
Chloride	8	mg/L		1		E300.0	05/23/09 19:26 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 14:58 / ljl
Magnesium	4	mg/L		1		E200.7	05/28/09 23:17 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:05 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 23:17 / rdw
Silica	14.4	mg/L		0.2		E200.7	05/28/09 23:17 / rdw
Sodium	34	mg/L		1		E200.7	05/28/09 23:17 / rdw
Sulfate	204	mg/L		1		E300.0	05/23/09 19:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	624	umhos/cm		1		A2510 B	05/11/09 10:40 / dd
pH	7.93	s.u.		0.01		A4500-H B	05/11/09 10:40 / dd
Solids, Total Dissolved TDS @ 180 C	442	mg/L		10		A2540 C	05/11/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 16:19 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/15/09 01:51 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:15 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:17 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 01:51 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 01:51 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 01:51 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:15 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 01:51 / ts
Manganese	0.01	mg/L		0.01		E200.7	05/12/09 23:15 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 01:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 01:51 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 01:51 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/15/09 01:51 / ts
Uranium	0.384	mg/L		0.0003		E200.8	05/15/09 01:51 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 01:51 / ts
Zinc	0.02	mg/L		0.01		E200.8	05/15/09 01:51 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 00:55 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 00:55 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-009
Client Sample ID: MO-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	445	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Alpha precision (±)	9.7	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta	144	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/21/09 20:26 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/21/09 20:26 / cgr
Radium 226	4.1	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	0.46	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	2.1	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.58	%				Calculation	06/01/09 09:27 / kbh
Anions	6.68	meq/L				Calculation	06/01/09 09:27 / kbh
Cations	6.47	meq/L				Calculation	06/01/09 09:27 / kbh
Solids, Total Dissolved Calculated	429	mg/L				Calculation	06/01/09 09:27 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/01/09 09:27 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-010
Client Sample ID: MP-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	119	mg/L		1		A2320 B	05/14/09 00:15 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/14/09 00:15 / ljl
Bicarbonate as HCO3	145	mg/L		1		A2320 B	05/14/09 00:15 / ljl
Calcium	80	mg/L		1		E200.7	05/28/09 23:23 / rdw
Chloride	6	mg/L		1		E300.0	05/23/09 19:41 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/14/09 15:02 / ljl
Magnesium	4	mg/L		1		E200.7	05/28/09 23:23 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:06 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 23:23 / rdw
Silica	15.9	mg/L		0.2		E200.7	05/28/09 23:23 / rdw
Sodium	31	mg/L		1		E200.7	05/28/09 23:23 / rdw
Sulfate	173	mg/L		1		E300.0	05/23/09 19:41 / ljl
PHYSICAL PROPERTIES							
Conductivity	578	umhos/cm		1		A2510 B	05/11/09 10:42 / dd
pH	7.94	s.u.		0.01		A4500-H B	05/11/09 10:42 / dd
Solids, Total Dissolved TDS @ 180 C	410	mg/L		10		A2540 C	05/11/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 16:23 / cp
Arsenic	0.005	mg/L		0.001		E200.8	05/15/09 01:58 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:21 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:23 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 01:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 01:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 01:58 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:21 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 01:58 / ts
Manganese	0.02	mg/L		0.01		E200.7	05/12/09 23:21 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 01:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 01:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 01:58 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 01:58 / ts
Uranium	0.0735	mg/L		0.0003		E200.8	05/15/09 01:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 01:58 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 01:58 / ts
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	05/20/09 01:00 / rdw
Manganese	0.02	mg/L		0.01		E200.8	05/19/09 22:27 / ts
Thorium 232	ND	mg/L		0.001		E200.8	05/19/09 22:27 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-010
Client Sample ID: MP-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	552	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	11.3	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	159	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	240	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	3.2	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	5.7	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.34	%				Calculation	06/01/09 09:27 / kbh
Anions	6.14	meq/L				Calculation	06/01/09 09:27 / kbh
Cations	5.74	meq/L				Calculation	06/01/09 09:27 / kbh
Solids, Total Dissolved Calculated	388	mg/L				Calculation	06/01/09 09:27 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/01/09 09:27 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-011
Client Sample ID: MU-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	05/14/09 00:45 / ljl
Carbonate as CO3	7	mg/L		1		A2320 B	05/14/09 00:45 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	05/14/09 00:45 / ljl
Calcium	63	mg/L		1		E200.7	05/28/09 23:45 / rdw
Chloride	5	mg/L		1		E300.0	05/23/09 19:56 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/14/09 15:15 / ljl
Magnesium	2	mg/L		1		E200.7	05/28/09 23:45 / rdw
Nitrogen, Ammonia as N	0.09	mg/L		0.05		E350.1	05/13/09 11:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:07 / eli-b
Potassium	10	mg/L		1		E200.7	05/28/09 23:45 / rdw
Silica	15.2	mg/L		0.2		E200.7	05/28/09 23:45 / rdw
Sodium	30	mg/L		1		E200.7	05/28/09 23:45 / rdw
Sulfate	147	mg/L		1		E300.0	05/23/09 19:56 / ljl
PHYSICAL PROPERTIES							
Conductivity	519	umhos/cm		1		A2510 B	05/11/09 10:45 / dd
pH	8.83	s.u.		0.01		A4500-H B	05/11/09 10:45 / dd
Solids, Total Dissolved TDS @ 180 C	365	mg/L		10		A2540 C	05/11/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/02/09 16:27 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/15/09 02:05 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:26 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:45 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 02:05 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 02:05 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 02:05 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:26 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 02:05 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 23:26 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 02:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 02:05 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 02:05 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 02:05 / ts
Uranium	0.0074	mg/L		0.0003		E200.8	05/15/09 02:05 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 02:05 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 02:05 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:05 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 01:05 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-011
Client Sample ID: MU-101

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	32.9	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta	24.0	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/06/09 00:48 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 00:48 / cgr
Radium 226	9.3	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	0.64	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	4.7	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.23	%				Calculation	06/01/09 09:30 / kbh
Anions	5.38	meq/L				Calculation	06/01/09 09:30 / kbh
Cations	4.85	meq/L				Calculation	06/01/09 09:30 / kbh
Solids, Total Dissolved Calculated	341	mg/L				Calculation	06/01/09 09:30 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/01/09 09:30 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-012
Client Sample ID: MO-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/14/09 00:53 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/14/09 00:53 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	05/14/09 00:53 / ljl
Calcium	75	mg/L		1		E200.7	05/28/09 23:50 / rdw
Chloride	6	mg/L		1		E300.0	05/23/09 20:12 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 15:18 / ljl
Magnesium	4	mg/L		1		E200.7	05/28/09 23:50 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:08 / eli-b
Potassium	3	mg/L		1		E200.7	05/28/09 23:50 / rdw
Silica	14.2	mg/L		0.2		E200.7	05/28/09 23:50 / rdw
Sodium	32	mg/L		1		E200.7	05/28/09 23:50 / rdw
Sulfate	181	mg/L		1		E300.0	05/23/09 20:12 / ljl
PHYSICAL PROPERTIES							
Conductivity	577	umhos/cm		1		A2510 B	05/11/09 10:47 / dd
pH	8.00	s.u.		0.01		A4500-H B	05/11/09 10:47 / dd
Solids, Total Dissolved TDS @ 180 C	406	mg/L		10		A2540 C	05/11/09 13:58 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/15/09 04:14 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/15/09 04:14 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:41 / rdw
Boron	ND	mg/L		0.1		E200.7	05/28/09 23:50 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 04:14 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 04:14 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 04:14 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:41 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 04:14 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 23:41 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 04:14 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 04:14 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 04:14 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 04:14 / ts
Uranium	0.339	mg/L		0.0003		E200.8	05/15/09 04:14 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 04:14 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 04:14 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:10 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 01:10 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-012
Client Sample ID: MO-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	387	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta	100	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 12:57 / cgr
Radium 226	7.7	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	0.58	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	2.7	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.40	%				Calculation	06/01/09 09:35 / kbh
Anions	6.04	meq/L				Calculation	06/01/09 09:35 / kbh
Cations	5.53	meq/L				Calculation	06/01/09 09:35 / kbh
Solids, Total Dissolved Calculated	382	mg/L				Calculation	06/01/09 09:35 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/01/09 09:35 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-013
Client Sample ID: MP-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	05/14/09 01:00 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/14/09 01:00 / ljl
Bicarbonate as HCO3	135	mg/L		1		A2320 B	05/14/09 01:00 / ljl
Calcium	60	mg/L		1		E200.7	05/29/09 00:13 / rdw
Chloride	4	mg/L		1		E300.0	05/23/09 20:27 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 15:21 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 00:13 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:10 / eli-b
Potassium	2	mg/L		1		E200.7	05/29/09 00:13 / rdw
Silica	15.0	mg/L		0.2		E200.7	05/29/09 00:13 / rdw
Sodium	28	mg/L		1		E200.7	05/29/09 00:13 / rdw
Sulfate	125	mg/L		1		E300.0	05/23/09 20:27 / ljl
PHYSICAL PROPERTIES							
Conductivity	478	umhos/cm		1		A2510 B	05/11/09 10:49 / dd
pH	7.97	s.u.		0.01		A4500-H B	05/11/09 10:49 / dd
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	05/11/09 13:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/15/09 04:21 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/15/09 04:21 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:46 / rdw
Boron	ND	mg/L		0.1		E200.7	05/29/09 00:13 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 04:21 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 04:21 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 04:21 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:46 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 04:21 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 23:46 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 04:21 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 04:21 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 04:21 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 04:21 / ts
Uranium	0.0700	mg/L		0.0003		E200.8	05/15/09 04:21 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 04:21 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 04:21 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:15 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 01:15 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-013
Client Sample ID: MP-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	521	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha precision (±)	10.3	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta	170	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta precision (±)	3.6	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 12:57 / cgr
Radium 226	318	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	3.6	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.17	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	4.5	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.48	%				Calculation	06/01/09 09:35 / kbh
Anions	4.95	meq/L				Calculation	06/01/09 09:35 / kbh
Cations	4.53	meq/L				Calculation	06/01/09 09:35 / kbh
Solids, Total Dissolved Calculated	308	mg/L				Calculation	06/01/09 09:35 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/01/09 09:35 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-014
Client Sample ID: MU-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	100	mg/L		1		A2320 B	05/14/09 01:07 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/14/09 01:07 / ljl
Bicarbonate as HCO3	112	mg/L		1		A2320 B	05/14/09 01:07 / ljl
Calcium	50	mg/L		1		E200.7	05/29/09 00:19 / rdw
Chloride	4	mg/L		1		E300.0	05/23/09 20:43 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 15:24 / ljl
Magnesium	1	mg/L		1		E200.7	05/29/09 00:19 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:11 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 00:19 / rdw
Silica	15.9	mg/L		0.2		E200.7	05/29/09 00:19 / rdw
Sodium	28	mg/L		1		E200.7	05/29/09 00:19 / rdw
Sulfate	95	mg/L		1		E300.0	05/23/09 20:43 / ljl
PHYSICAL PROPERTIES							
Conductivity	404	umhos/cm		1		A2510 B	05/11/09 10:51 / dd
pH	8.63	s.u.		0.01		A4500-H B	05/11/09 10:51 / dd
Solids, Total Dissolved TDS @ 180 C	280	mg/L		10		A2540 C	05/11/09 13:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/15/09 04:28 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/15/09 04:28 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:51 / rdw
Boron	ND	mg/L		0.1		E200.7	05/29/09 00:19 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 04:28 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 04:28 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 04:28 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:51 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 04:28 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 23:51 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 04:28 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 04:28 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 04:28 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 04:28 / ts
Uranium	0.0095	mg/L		0.0003		E200.8	05/15/09 04:28 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 04:28 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 04:28 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:21 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 01:21 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-014
Client Sample ID: MU-102

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	29.2	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha precision (±)	2.6	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta	15.5	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 12:57 / cgr
Radium 226	3.7	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	0.41	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	3.3	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.87	%				Calculation	06/01/09 09:36 / kbh
Anions	4.10	meq/L				Calculation	06/01/09 09:36 / kbh
Cations	3.87	meq/L				Calculation	06/01/09 09:36 / kbh
Solids, Total Dissolved Calculated	261	mg/L				Calculation	06/01/09 09:36 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/01/09 09:36 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-015
Client Sample ID: MP-111

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	120	mg/L		1		A2320 B	05/14/09 01:15 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/14/09 01:15 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	05/14/09 01:15 / ljl
Calcium	56	mg/L		1		E200.7	05/29/09 00:24 / rdw
Chloride	6	mg/L		1		E300.0	05/23/09 20:58 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/14/09 15:27 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 00:24 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:12 / eli-b
Potassium	7	mg/L		1		E200.7	05/29/09 00:24 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/29/09 00:24 / rdw
Sodium	35	mg/L		1		E200.7	05/29/09 00:24 / rdw
Sulfate	132	mg/L		1		E300.0	05/23/09 20:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	491	umhos/cm		1		A2510 B	05/11/09 10:53 / dd
pH	8.61	s.u.		0.01		A4500-H B	05/11/09 10:53 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	05/11/09 14:00 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/15/09 04:34 / ts
Arsenic	0.008	mg/L		0.001		E200.8	05/15/09 04:34 / ts
Barium	ND	mg/L		0.1		E200.7	05/12/09 23:57 / rdw
Boron	ND	mg/L		0.1		E200.7	05/29/09 00:24 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 04:34 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 04:34 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 04:34 / ts
Iron	ND	mg/L		0.03		E200.7	05/12/09 23:57 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 04:34 / ts
Manganese	ND	mg/L		0.01		E200.7	05/12/09 23:57 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 04:34 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 04:34 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 04:34 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 04:34 / ts
Uranium	0.297	mg/L		0.0003		E200.8	05/15/09 04:34 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 04:34 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 04:34 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:26 / rdw
Manganese	ND	mg/L		0.01		E200.8	05/19/09 22:33 / ts
Thorium 232	ND	mg/L		0.001		E200.8	05/19/09 22:33 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-015
Client Sample ID: MP-111

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1190	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha precision (±)	15.6	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta	457	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta precision (±)	5.5	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/06/09 12:57 / cgr
Radium 226	411	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 precision (±)	4.3	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	06/01/09 14:59 / trs
Radium 228	5.0	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/26/09 15:07 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/26/09 15:07 / plj
DATA QUALITY							
A/C Balance (± 5)	-6.40	%				Calculation	06/01/09 09:44 / kbh
Anions	5.31	meq/L				Calculation	06/01/09 09:44 / kbh
Cations	4.67	meq/L				Calculation	06/01/09 09:44 / kbh
Solids, Total Dissolved Calculated	327	mg/L				Calculation	06/01/09 09:44 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/01/09 09:44 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-016
Client Sample ID: M-136

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	05/14/09 01:20 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/14/09 01:20 / ljl
Bicarbonate as HCO3	3	mg/L		1		A2320 B	05/14/09 01:20 / ljl
Calcium	ND	mg/L		1		E200.7	05/13/09 00:22 / rdw
Chloride	ND	mg/L		1		E300.0	05/19/09 21:53 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/14/09 15:39 / ljl
Magnesium	ND	mg/L		1		E200.7	05/13/09 00:22 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/13/09 11:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/12/09 16:13 / eli-b
Potassium	ND	mg/L		1		E200.7	05/13/09 00:22 / rdw
Silica	ND	mg/L		0.2		E200.7	05/29/09 00:30 / rdw
Sodium	ND	mg/L		1		E200.7	05/13/09 00:22 / rdw
Sulfate	ND	mg/L		1		E300.0	05/19/09 21:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	05/11/09 10:59 / dd
pH	6.10	s.u.		0.01		A4500-H B	05/11/09 10:59 / dd
Solids, Total Dissolved TDS @ 180 C	11	mg/L		10		A2540 C	05/11/09 14:01 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/15/09 05:01 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/15/09 05:01 / ts
Barium	ND	mg/L		0.1		E200.7	05/13/09 00:22 / rdw
Boron	ND	mg/L		0.1		E200.7	05/29/09 00:30 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/15/09 05:01 / ts
Chromium	ND	mg/L		0.05		E200.8	05/15/09 05:01 / ts
Copper	ND	mg/L		0.01		E200.8	05/15/09 05:01 / ts
Iron	ND	mg/L		0.03		E200.7	05/13/09 00:22 / rdw
Lead	ND	mg/L		0.001		E200.8	05/15/09 05:01 / ts
Manganese	ND	mg/L		0.01		E200.7	05/13/09 00:22 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/15/09 05:01 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/15/09 05:01 / ts
Nickel	ND	mg/L		0.05		E200.8	05/15/09 05:01 / ts
Selenium	ND	mg/L		0.001		E200.8	05/15/09 05:01 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/15/09 05:01 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/15/09 05:01 / ts
Zinc	ND	mg/L		0.01		E200.8	05/15/09 05:01 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	05/20/09 01:47 / rdw
Manganese	ND	mg/L	D	0.02		E200.7	05/20/09 01:47 / rdw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050246-016
Client Sample ID: M-136

Report Date: 07/02/09
Collection Date: 05/07/09
DateReceived: 05/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.2	pCi/L	U			E900.0	06/06/09 12:57 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Alpha MDC	1.0	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta	-2	pCi/L	U			E900.0	06/06/09 12:57 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/06/09 12:57 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/06/09 12:57 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	06/01/09 16:31 / trs
Radium 226 precision (±)	0.06	pCi/L				E903.0	06/01/09 16:31 / trs
Radium 226 MDC	0.16	pCi/L				E903.0	06/01/09 16:31 / trs
Radium 228	0.5	pCi/L	U			RA-05	05/26/09 15:06 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	05/26/09 15:06 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	05/26/09 15:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-93.8	%				Calculation	06/01/09 09:49 / kbh
Anions	0.0458	meq/L				Calculation	06/01/09 09:49 / kbh
Cations	0.00147	meq/L				Calculation	06/01/09 09:49 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R118155
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090513A				05/13/09 17:21
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		4	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090513A				05/13/09 17:36
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090513A				05/13/09 17:43
Alkalinity, Total as CaCO3		52.4	mg/L	5.0	98	90	110			
Sample ID: C09050246-006AMS		Sample Matrix Spike				Run: MANTECH_090513A				05/13/09 23:38
Alkalinity, Total as CaCO3		218	mg/L	5.0	101	80	120			
Sample ID: C09050246-006AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090513A				05/13/09 23:46
Alkalinity, Total as CaCO3		222	mg/L	5.0	104	80	120	1.8	20	
Sample ID: C09050246-016AMS		Sample Matrix Spike				Run: MANTECH_090513A				05/14/09 01:27
Alkalinity, Total as CaCO3		129	mg/L	5.0	102	80	120			
Sample ID: C09050246-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090513A				05/14/09 01:35
Alkalinity, Total as CaCO3		130	mg/L	5.0	102	80	120	0.3	20	
Method: A2510 B							Analytical Run: ORION555A_090511A			
Sample ID: ICV2_090511_1		Initial Calibration Verification Standard								05/11/09 10:14
Conductivity		1400	umhos/cm	1.0	99	90	110			
Method: A2510 B								Batch: 090511_1_PH-W_555A-1		
Sample ID: MBLK1_090511_1		Method Blank				Run: ORION555A_090511A				05/11/09 10:10
Conductivity		0.9	umhos/cm	0.2						
Sample ID: C09050246-008ADUP		Sample Duplicate				Run: ORION555A_090511A				05/11/09 10:38
Conductivity		402	umhos/cm	1.0				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090511_2_SLDS-TDS-W	
Sample ID: MBLK1_090511		Method Blank				Run: BAL-1_090511A			05/11/09 13:52	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090511		Laboratory Control Sample				Run: BAL-1_090511A			05/11/09 13:52	
Solids, Total Dissolved TDS @ 180 C		1010	mg/L	10	101	90	110			
Sample ID: C09050246-004AMS		Sample Matrix Spike				Run: BAL-1_090511A			05/11/09 13:56	
Solids, Total Dissolved TDS @ 180 C		2340	mg/L	10	101	90	110			
Sample ID: C09050246-004AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090511A			05/11/09 13:56	
Solids, Total Dissolved TDS @ 180 C		2330	mg/L	10	100	90	110	0.5	10	
Sample ID: C09050246-014AMS		Sample Matrix Spike				Run: BAL-1_090511A			05/11/09 13:59	
Solids, Total Dissolved TDS @ 180 C		2290	mg/L	10	100	90	110			
Sample ID: C09050246-014AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090511A			05/11/09 14:00	
Solids, Total Dissolved TDS @ 180 C		2280	mg/L	10	100	90	110	0.3	10	
Method: A4500-F C									Batch: R118224	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090514A			05/14/09 12:42	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090514A			05/14/09 12:45	
Fluoride		0.960	mg/L	0.10	96	90	110			
Sample ID: C09050246-005AMS		Sample Matrix Spike				Run: MANTECH_090514A			05/14/09 14:43	
Fluoride		1.14	mg/L	0.10	101	80	120			
Sample ID: C09050246-005AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090514A			05/14/09 14:46	
Fluoride		1.14	mg/L	0.10	101	80	120	0	10	
Sample ID: C09050246-015AMS		Sample Matrix Spike				Run: MANTECH_090514A			05/14/09 15:29	
Fluoride		1.14	mg/L	0.10	99	80	120			
Sample ID: C09050246-015AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090514A			05/14/09 15:32	
Fluoride		1.14	mg/L	0.10	99	80	120	0	10	
Method: A4500-H B									Analytical Run: ORION555A_090511A	
Sample ID: ICV1_090511_1		Initial Calibration Verification Standard							05/11/09 10:12	
pH		6.94	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090511_1_PH-W_555A-1	
Sample ID: C09050246-008ADUP		Sample Duplicate				Run: ORION555A_090511A			05/11/09 10:38	
pH		8.60	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118077
Sample ID: LRB	7	Method Blank				Run: ICP3-C_090512A				05/12/09 11:51
Barium		ND	mg/L	0.003						
Calcium		ND	mg/L	0.2						
Iron		0.03	mg/L	0.01						
Magnesium		0.2	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	7	Laboratory Fortified Blank				Run: ICP3-C_090512A				05/12/09 11:56
Barium		0.985	mg/L	0.10	99	85	115			
Calcium		46.7	mg/L	0.50	93	85	115			
Iron		5.00	mg/L	0.030	100	85	115			
Magnesium		47.6	mg/L	0.50	95	85	115			
Manganese		4.82	mg/L	0.010	96	85	115			
Potassium		45.6	mg/L	0.50	91	85	115			
Sodium		46.9	mg/L	0.50	94	85	115			
Sample ID: MB-22307	7	Method Blank				Run: ICP3-C_090512A				05/12/09 21:48
Barium		ND	mg/L	0.003						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: C09050246-001BMS	7	Sample Matrix Spike				Run: ICP3-C_090512A				05/12/09 22:14
Barium		0.433	mg/L	0.10	81	70	130			
Calcium		104	mg/L	1.0	77	70	130			
Iron		0.449	mg/L	0.030	81	70	130			
Magnesium		42.4	mg/L	1.0	76	70	130			
Manganese		0.425	mg/L	0.010	83	70	130			
Potassium		41.5	mg/L	1.0	78	70	130			
Sodium		67.2	mg/L	1.0	80	70	130			
Sample ID: C09050246-001BMSD	7	Sample Matrix Spike Duplicate				Run: ICP3-C_090512A				05/12/09 22:19
Barium		0.418	mg/L	0.10	78	70	130	3.5	20	
Calcium		104	mg/L	1.0	77	70	130	0.1	20	
Iron		0.430	mg/L	0.030	77	70	130	4.5	20	
Magnesium		43.1	mg/L	1.0	78	70	130	1.7	20	
Manganese		0.406	mg/L	0.010	79	70	130	4.6	20	
Potassium		41.5	mg/L	1.0	78	70	130	0	20	
Sodium		67.2	mg/L	1.0	80	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118077
Sample ID: C09050246-011BMS	7	Sample Matrix Spike				Run: ICP3-C_090512A				05/12/09 23:31
Barium		0.451	mg/L	0.10	82	70	130			
Calcium		96.8	mg/L	1.0	88	70	130			
Iron		0.437	mg/L	0.030	83	70	130			
Magnesium		43.1	mg/L	1.0	81	70	130			
Manganese		0.427	mg/L	0.010	84	70	130			
Potassium		49.6	mg/L	1.0	82	70	130			
Sodium		67.6	mg/L	1.0	86	70	130			
Sample ID: C09050246-011BMSD	7	Sample Matrix Spike Duplicate				Run: ICP3-C_090512A				05/12/09 23:36
Barium		0.446	mg/L	0.10	81	70	130	1.1	20	
Calcium		96.4	mg/L	1.0	87	70	130	0.4	20	
Iron		0.434	mg/L	0.030	82	70	130	0.7	20	
Magnesium		42.4	mg/L	1.0	80	70	130	1.7	20	
Manganese		0.422	mg/L	0.010	83	70	130	1	20	
Potassium		48.8	mg/L	1.0	81	70	130	1.6	20	
Sodium		66.6	mg/L	1.0	84	70	130	1.5	20	
Method: E200.7										Batch: R118390
Sample ID: LRB	2	Method Blank				Run: ICP3-C_090519A				05/19/09 14:11
Iron		0.02	mg/L	0.01						
Manganese		ND	mg/L	0.003						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICP3-C_090519A				05/19/09 14:17
Iron		5.30	mg/L	0.030	106	85	115			
Manganese		5.05	mg/L	0.010	101	85	115			
Sample ID: C09050246-008DMS	2	Sample Matrix Spike				Run: ICP3-C_090519A				05/20/09 00:45
Iron		0.419	mg/L	0.030	82	70	130			
Manganese		0.415	mg/L	0.021	81	70	130			
Sample ID: C09050246-008DMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090519A				05/20/09 00:50
Iron		0.407	mg/L	0.030	80	70	130	2.9	20	
Manganese		0.396	mg/L	0.021	78	70	130	4.8	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R118774	
Sample ID: LRB	6	Method Blank				Run: ICP3-C_090528A			05/28/09 15:24	
Boron		ND	mg/L	0.02						
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Silicon		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	6	Laboratory Fortified Blank				Run: ICP3-C_090528A			05/28/09 15:30	
Boron		1.10	mg/L	0.10	110	85	115			
Calcium		51.7	mg/L	0.50	103	85	115			
Magnesium		52.8	mg/L	0.50	105	85	115			
Potassium		51.8	mg/L	0.50	104	85	115			
Silicon		11.1	mg/L	0.032	111	85	115			
Sodium		52.5	mg/L	0.50	105	85	115			
Sample ID: MB-22307	6	Method Blank				Run: ICP3-C_090528A			05/28/09 21:59	
Boron		ND	mg/L	0.02						
Calcium		0.4	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		0.1	mg/L	0.03						
Silicon		ND	mg/L	0.03						
Sodium		0.2	mg/L	0.1						
Sample ID: C09050246-010BMS	6	Sample Matrix Spike				Run: ICP3-C_090528A			05/28/09 23:34	
Boron		0.458	mg/L	0.10	90	70	130			
Calcium		117	mg/L	1.0	72	70	130			
Magnesium		43.9	mg/L	1.0	78	70	130			
Potassium		43.7	mg/L	1.0	81	70	130			
Silicon		7.92	mg/L	0.10		70	130			A
Sodium		71.0	mg/L	1.0	79	70	130			
Sample ID: C09050246-010BMSD	6	Sample Matrix Spike Duplicate				Run: ICP3-C_090528A			05/28/09 23:39	
Boron		0.473	mg/L	0.10	93	70	130	3.1	20	
Calcium		116	mg/L	1.0	70	70	130	1	20	
Magnesium		43.3	mg/L	1.0	77	70	130	1.3	20	
Potassium		44.7	mg/L	1.0	82	70	130	2.2	20	
Silicon		7.99	mg/L	0.10		70	130	0.8	20	A
Sodium		71.3	mg/L	1.0	80	70	130	0.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118976
Sample ID: MB-090602A		Method Blank				Run: ICP2-C_090602A				06/02/09 10:28
Aluminum		0.02	mg/L	0.01						
Sample ID: LFB-090602A		Laboratory Fortified Blank				Run: ICP2-C_090602A				06/02/09 10:33
Aluminum		0.952	mg/L	0.10	93	85	115			
Sample ID: MB-22307		Method Blank				Run: ICP2-C_090602A				06/02/09 14:42
Aluminum		ND	mg/L	0.06						
Sample ID: C09050246-001BMS2		Sample Matrix Spike				Run: ICP2-C_090602A				06/02/09 14:50
Aluminum		1.84	mg/L	0.10	90	70	130			
Sample ID: C09050246-001BMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090602A				06/02/09 14:54
Aluminum		1.84	mg/L	0.10	90	70	130	0.2	20	
Sample ID: C09050246-011BMS2		Sample Matrix Spike				Run: ICP2-C_090602A				06/02/09 16:31
Aluminum		2.14	mg/L	0.10	102	70	130			
Sample ID: C09050246-011BMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090602A				06/02/09 16:35
Aluminum		2.07	mg/L	0.10	98	70	130	3	20	
Method: E200.8										Batch: 22324
Sample ID: MB-22324	2	Method Blank				Run: ICPMS4-C_090604A				06/04/09 12:27
Iron		0.002	mg/L	0.002						
Manganese		0.0001	mg/L	4E-05						
Sample ID: LCS3-22324	2	Laboratory Control Sample				Run: ICPMS4-C_090604A				06/04/09 12:34
Iron		2.46	mg/L	0.030	98	85	115			
Manganese		2.58	mg/L	0.010	103	85	115			
Sample ID: C09040648-002BMS3	2	Sample Matrix Spike				Run: ICPMS4-C_090604A				06/04/09 13:30
Iron		2.58	mg/L	0.030	100	70	130			
Manganese		2.64	mg/L	0.010	105	70	130			
Sample ID: C09040648-002BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090604A				06/04/09 13:37
Iron		2.61	mg/L	0.030	101	70	130	1.1	20	
Manganese		2.67	mg/L	0.010	106	70	130	1.3	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118149
Sample ID: LRB	13	Method Blank				Run: ICPMS2-C_090513A				05/14/09 18:24
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.001	mg/L	6E-05						
Sample ID: LFB	13	Laboratory Fortified Blank				Run: ICPMS2-C_090513A				05/14/09 18:31
Aluminum		0.0498	mg/L	0.0022	100	85	115			
Arsenic		0.0501	mg/L	0.0010	100	85	115			
Cadmium		0.0501	mg/L	0.0010	100	85	115			
Chromium		0.0496	mg/L	0.0010	99	85	115			
Copper		0.0506	mg/L	0.0010	101	85	115			
Lead		0.0502	mg/L	0.0010	100	85	115			
Mercury		0.00498	mg/L	0.0010	100	85	115			
Molybdenum		0.0506	mg/L	0.0010	101	85	115			
Nickel		0.0500	mg/L	0.0010	100	85	115			
Selenium		0.0501	mg/L	0.0014	100	85	115			
Uranium		0.0487	mg/L	0.00030	97	85	115			
Vanadium		0.0498	mg/L	0.0010	100	85	115			
Zinc		0.0530	mg/L	0.0010	105	85	115			
Sample ID: MB-22307	13	Method Blank				Run: ICPMS2-C_090513A				05/15/09 00:10
Aluminum		0.001	mg/L	0.0001						
Arsenic		ND	mg/L	6E-05						
Cadmium		ND	mg/L	1E-05						
Chromium		ND	mg/L	4E-05						
Copper		ND	mg/L	7E-05						
Lead		ND	mg/L	3E-05						
Mercury		ND	mg/L	8E-05						
Molybdenum		ND	mg/L	5E-05						
Nickel		ND	mg/L	0.0007						
Selenium		ND	mg/L	0.0002						
Uranium		ND	mg/L	1E-05						
Vanadium		ND	mg/L	3E-05						
Zinc		0.002	mg/L	0.0003						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R118149	
Sample ID: C09050246-005BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090513A			05/15/09 01:17	
Aluminum		0.0725	mg/L	0.0010	100	70	130			
Arsenic		0.0697	mg/L	0.0010	102	70	130			
Cadmium		0.0506	mg/L	0.010	101	70	130			
Chromium		0.0473	mg/L	0.0010	95	70	130			
Copper		0.0504	mg/L	0.010	100	70	130			
Lead		0.0501	mg/L	0.050	100	70	130			
Mercury		0.00507	mg/L	0.0010	101	70	130			
Molybdenum		0.0522	mg/L	0.0010	102	70	130			
Nickel		0.0497	mg/L	0.0010	98	70	130			
Selenium		0.0577	mg/L	0.0010	102	70	130			
Uranium		0.502	mg/L	0.00030		70	130			A
Vanadium		0.0515	mg/L	0.0010	98	70	130			
Zinc		0.0603	mg/L	0.010	107	70	130			
Sample ID: C09050246-005BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090513A			05/15/09 01:24	
Aluminum		0.0755	mg/L	0.0010	106	70	130	4	20	
Arsenic		0.0708	mg/L	0.0010	104	70	130	1.6	20	
Cadmium		0.0505	mg/L	0.010	101	70	130	0.2	20	
Chromium		0.0472	mg/L	0.0010	94	70	130	0.4	20	
Copper		0.0501	mg/L	0.010	99	70	130	0.7	20	
Lead		0.0503	mg/L	0.050	100	70	130	0.4	20	
Mercury		0.00511	mg/L	0.0010	102	70	130	0.7	20	
Molybdenum		0.0524	mg/L	0.0010	102	70	130	0.3	20	
Nickel		0.0500	mg/L	0.0010	98	70	130	0.6	20	
Selenium		0.0582	mg/L	0.0010	103	70	130	1	20	
Uranium		0.501	mg/L	0.00030		70	130	0.2	20	A
Vanadium		0.0513	mg/L	0.0010	97	70	130	0.4	20	
Zinc		0.0586	mg/L	0.010	104	70	130	3	20	
Sample ID: C09050246-015BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090513A			05/15/09 04:41	
Aluminum		0.0535	mg/L	0.0010	76	70	130			
Arsenic		0.0575	mg/L	0.0010	100	70	130			
Cadmium		0.0501	mg/L	0.010	100	70	130			
Chromium		0.0472	mg/L	0.0010	94	70	130			
Copper		0.0478	mg/L	0.010	95	70	130			
Lead		0.0495	mg/L	0.0010	99	70	130			
Mercury		0.00508	mg/L	0.0010	102	70	130			
Molybdenum		0.0522	mg/L	0.0010	102	70	130			
Nickel		0.0482	mg/L	0.0010	95	70	130			
Selenium		0.0499	mg/L	0.0010	98	70	130			
Uranium		0.344	mg/L	0.00030		70	130			A
Vanadium		0.0488	mg/L	0.0010	98	70	130			
Zinc		0.112	mg/L	0.010	213	70	130			S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R118149	
Sample ID: C09050246-015BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090513A			05/15/09 04:48	
Aluminum		0.0642	mg/L	0.0010	97	70	130	18	20	
Arsenic		0.0573	mg/L	0.0010	99	70	130	0.4	20	
Cadmium		0.0501	mg/L	0.010	100	70	130	0.1	20	
Chromium		0.0481	mg/L	0.0010	96	70	130	1.8	20	
Copper		0.0481	mg/L	0.010	96	70	130	0.6	20	
Lead		0.0494	mg/L	0.0010	99	70	130	0.1	20	
Mercury		0.00506	mg/L	0.0010	101	70	130	0.4	20	
Molybdenum		0.0520	mg/L	0.0010	102	70	130	0.4	20	
Nickel		0.0482	mg/L	0.0010	95	70	130	0.1	20	
Selenium		0.0508	mg/L	0.0010	100	70	130	1.7	20	
Uranium		0.347	mg/L	0.00030		70	130	0.8	20	A
Vanadium		0.0493	mg/L	0.0010	99	70	130	1	20	
Zinc		0.0531	mg/L	0.010	94	70	130	72	20	R
Method: E200.8									Batch: R118392	
Sample ID: LRB	2	Method Blank				Run: ICPMS2-C_090519A			05/19/09 11:56	
Manganese		ND	mg/L	5E-05						
Thorium 232		0.0002	mg/L	3E-05						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS2-C_090519A			05/19/09 12:03	
Manganese		0.0487	mg/L	0.0010	97	85	115			
Thorium 232		0.0486	mg/L	0.0010	97	85	115			
Sample ID: C09050246-015DMS4	2	Sample Matrix Spike				Run: ICPMS2-C_090519A			05/19/09 22:40	
Manganese		0.0478	mg/L	0.010	91	70	130			
Thorium 232		0.0472	mg/L	0.0010	94	70	130			
Sample ID: C09050246-015DMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090519A			05/19/09 22:47	
Manganese		0.0478	mg/L	0.010	91	70	130	0.1	20	
Thorium 232		0.0478	mg/L	0.0010	96	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R118395	
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090518A			05/18/09 12:30	
Chloride		9.75	mg/L	1.0	98	90	110			
Sulfate		38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090518A			05/18/09 12:45	
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050244-001AMS	2	Sample Matrix Spike				Run: IC1-C_090518A			05/19/09 15:59	
Chloride		26.6	mg/L	1.0	104	90	110			
Sulfate		263	mg/L	1.0	95	90	110			
Sample ID: C09050244-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A			05/19/09 16:14	
Chloride		26.1	mg/L	1.0	102	90	110	1.9	20	
Sulfate		258	mg/L	1.0	88	90	110	1.9	20	S
Sample ID: C09050246-009AMS	2	Sample Matrix Spike				Run: IC1-C_090518A			05/19/09 19:50	
Chloride		27.5	mg/L	1.0	103	90	110			
Sulfate		275	mg/L	1.0	97	90	110			
Sample ID: C09050246-009AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A			05/19/09 20:05	
Chloride		27.5	mg/L	1.0	103	90	110	0.1	20	
Sulfate		272	mg/L	1.0	95	90	110	0.8	20	
Sample ID: C09050251-003BMS	2	Sample Matrix Spike				Run: IC1-C_090518A			05/19/09 23:26	
Chloride		23.8	mg/L	1.0	100	90	110			
Sulfate		186	mg/L	1.0	99	90	110			
Sample ID: C09050251-003BMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090518A			05/19/09 23:41	
Chloride		24.2	mg/L	1.0	102	90	110	1.7	20	
Sulfate		187	mg/L	1.0	99	90	110	0.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R118663
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090523A				05/23/09 14:17
Chloride		9.82	mg/L	1.0	98	90	110			
Sulfate		39.2	mg/L	1.0	98	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090523A				05/23/09 14:33
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050144-004AMS	2	Sample Matrix Spike				Run: IC1-C_090523A				05/23/09 15:19
Chloride		25.4	mg/L	1.0	103	90	110			
Sulfate		230	mg/L	1.0	99	90	110			
Sample ID: C09050144-004AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/23/09 15:35
Chloride		25.5	mg/L	1.0	103	90	110	0.2	20	
Sulfate		230	mg/L	1.0	98	90	110	0.2	20	
Sample ID: C09050246-008AMS	2	Sample Matrix Spike				Run: IC1-C_090523A				05/23/09 18:55
Chloride		24.5	mg/L	1.0	103	90	110			
Sulfate		180	mg/L	1.0	103	90	110			
Sample ID: C09050246-008AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/23/09 19:10
Chloride		24.4	mg/L	1.0	103	90	110	0.2	20	
Sulfate		181	mg/L	1.0	103	90	110	0.2	20	
Method: E350.1										Analytical Run: SUB-B129359
Sample ID: ICV		Initial Calibration Verification Standard								05/13/09 09:42
Nitrogen, Ammonia as N		5.65	mg/L	0.11	103	90	110			
Method: E350.1										Batch: B_R129359
Sample ID: MBLK		Method Blank				Run: SUB-B129359				05/13/09 09:43
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129359				05/13/09 09:44
Nitrogen, Ammonia as N		1.00	mg/L	0.10	101	90	110			
Sample ID: C09050246-008E		Sample Matrix Spike				Run: SUB-B129359				05/13/09 11:23
Nitrogen, Ammonia as N		0.796	mg/L	0.050	78	90	110			S
Sample ID: C09050246-008E		Sample Matrix Spike Duplicate				Run: SUB-B129359				05/13/09 11:24
Nitrogen, Ammonia as N		0.793	mg/L	0.050	77	90	110	0.4	10	S
Sample ID: C09050246-016E		Sample Matrix Spike				Run: SUB-B129359				05/13/09 11:37
Nitrogen, Ammonia as N		0.561	mg/L	0.050	56	90	110			S
Sample ID: C09050246-016E		Sample Matrix Spike Duplicate				Run: SUB-B129359				05/13/09 11:39
Nitrogen, Ammonia as N		0.556	mg/L	0.050	56	90	110	0.9	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Analytical Run: SUB-B129300	
Sample ID: ICV		Initial Calibration Verification Standard							05/12/09 12:06	
Nitrogen, Nitrate+Nitrite as N		37.4	mg/L	0.050	106	90	110			
Method: E353.2									Batch: B_R129300	
Sample ID: MBLK		Method Blank				Run: SUB-B129300			05/12/09 12:08	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129300			05/12/09 12:09	
Nitrogen, Nitrate+Nitrite as N		1.06	mg/L	0.050	108	90	110			
Sample ID: B09051016-001GMS		Sample Matrix Spike				Run: SUB-B129300			05/12/09 15:45	
Nitrogen, Nitrate+Nitrite as N		1.01	mg/L	0.050	103	90	110			
Sample ID: B09051016-001GMSD		Sample Matrix Spike Duplicate				Run: SUB-B129300			05/12/09 15:46	
Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.050	106	90	110	3	10	
Sample ID: C09050246-008E		Sample Matrix Spike				Run: SUB-B129300			05/12/09 16:01	
Nitrogen, Nitrate+Nitrite as N		1.01	mg/L	0.050	103	90	110			
Sample ID: C09050246-008E		Sample Matrix Spike Duplicate				Run: SUB-B129300			05/12/09 16:02	
Nitrogen, Nitrate+Nitrite as N		1.01	mg/L	0.050	103	90	110	0.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0662
Sample ID: MB-GrAB-0662	6	Method Blank				Run: G5000W_090601B				06/04/09 02:05
Gross Alpha		-0.1	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-1	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0662		Laboratory Control Sample				Run: G5000W_090601B				06/04/09 02:05
Gross Alpha		140	pCi/L		103	70	130			
Sample ID: Cs137-GrAB-0662		Laboratory Control Sample				Run: G5000W_090601B				06/04/09 02:05
Gross Beta		88	pCi/L		97	70	130			
Sample ID: C09050587-004AMS		Sample Matrix Spike				Run: G5000W_090601B				06/05/09 04:41
Gross Alpha		185	pCi/L		131	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050587-004AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090601B				06/05/09 04:41
Gross Alpha		224	pCi/L		159	70	130	19	20	S
Sample ID: C09050587-004AMS		Sample Matrix Spike				Run: G5000W_090601B				06/05/09 04:41
Gross Beta		103	pCi/L		101	70	130			
Sample ID: C09050587-004AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090601B				06/05/09 04:41
Gross Beta		102	pCi/L		100	70	130	0.9	15.8	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0663
Sample ID: MB-GrAB-0663	6	Method Blank				Run: G5000W_090602A				06/06/09 00:48
Gross Alpha		-0.5	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-0.8	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0663		Laboratory Control Sample				Run: G5000W_090602A				06/06/09 00:48
Gross Alpha		140	pCi/L		99	70	130			
Sample ID: Cs137-GrAB-0663		Laboratory Control Sample				Run: G5000W_090602A				06/06/09 00:48
Gross Beta		93	pCi/L		102	70	130			
Sample ID: C09050246-008CDUP	6	Sample Duplicate				Run: G5000W_090602A				06/06/09 00:48
Gross Alpha		145	pCi/L					13	17	
Gross Alpha precision (±)		5.30	pCi/L							
Gross Alpha MDC		1.64	pCi/L							
Gross Beta		50.5	pCi/L					12	18.9	
Gross Beta precision (±)		2.35	pCi/L							
Gross Beta MDC		2.67	pCi/L							
Sample ID: C09050587-007AMS		Sample Matrix Spike				Run: G5000W_090602A				06/06/09 12:57
Gross Alpha		406	pCi/L		146	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050587-007AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090602A				06/06/09 12:57
Gross Alpha		355	pCi/L		127	70	130	13	17.7	
Sample ID: C09050587-007AMS		Sample Matrix Spike				Run: G5000W_090602A				06/06/09 12:57
Gross Beta		167	pCi/L		90	70	130			
Sample ID: C09050587-007AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090602A				06/06/09 12:57
Gross Beta		181	pCi/L		97	70	130	7.9	16.5	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0676
Sample ID: MB-GrAB-0676	6	Method Blank				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Alpha		2	pCi/L							
Gross Alpha precision (±)		0.7	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0676		Laboratory Control Sample				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Alpha		150	pCi/L		106	70	130			
Sample ID: Cs137-GrAB-0676		Laboratory Control Sample				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Beta		96	pCi/L		106	70	130			
Sample ID: C09050847-003AMS		Sample Matrix Spike				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Alpha		221	pCi/L		157	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09050847-003AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Alpha		217	pCi/L		155	70	130	1.8	16.1	S
Sample ID: C09050847-003AMS		Sample Matrix Spike				Run: TENNELEC-3_090617A			06/20/09 01:04	
Gross Beta		92.3	pCi/L		85	70	130			
Sample ID: C09050847-003AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090617A			06/20/09 13:35	
Gross Beta		87.3	pCi/L		79	70	130	5.6	16.6	
Method: E903.0										Batch: RA226-3659
Sample ID: C09050246-001CMS		Sample Matrix Spike				Run: TENNELEC-3_090510C			05/27/09 00:37	
Radium 226		21	pCi/L		111	70	130			
Sample ID: C09050246-001CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090510C			05/27/09 00:37	
Radium 226		17	pCi/L		89	70	130	18	22.1	
Sample ID: MB-RA226-3659	3	Method Blank				Run: TENNELEC-3_090510C			05/27/09 00:37	
Radium 226		0.2	pCi/L							
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3659		Laboratory Control Sample				Run: TENNELEC-3_090510C			05/27/09 00:37	
Radium 226		8.3	pCi/L		102	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/02/09
Work Order: C09050246

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3663
Sample ID: C09050246-009CMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090512A				06/01/09 14:59
Radium 226		18	pCi/L		92	70	130			
Sample ID: C09050246-009CMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090512A				06/01/09 14:59
Radium 226		20	pCi/L		104	70	130	12	23.6	
Sample ID: MB-RA226-3663	3	Method Blank				Run: BERTHOLD 770-2_090512A				06/01/09 16:31
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3663		Laboratory Control Sample				Run: BERTHOLD 770-2_090512A				06/01/09 16:31
Radium 226		7.9	pCi/L		101	70	130			
Method: RA-05										Batch: RA228-2660
Sample ID: LCS-228-RA226-3659		Laboratory Control Sample				Run: TENNELEC-3_090510B				05/21/09 12:47
Radium 228		8.5	pCi/L		100	70	130			
Sample ID: MB-RA226-3659	3	Method Blank				Run: TENNELEC-3_090510B				05/21/09 12:47
Radium 228		-0.2	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050246-002CMS		Sample Matrix Spike				Run: TENNELEC-3_090510B				05/21/09 12:47
Radium 228		18	pCi/L		93	70	130			
Sample ID: C09050246-002CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090510B				05/21/09 12:47
Radium 228		18	pCi/L		89	70	130	4.1	34.4	
Method: RA-05										Batch: RA228-2663
Sample ID: LCS-228-RA226-3663		Laboratory Control Sample				Run: TENNELEC-3_090512B				05/26/09 15:06
Radium 228		8.07pCi/L			93	70	130			
Sample ID: MB-RA226-3663	3	Method Blank				Run: TENNELEC-3_090512B				05/26/09 15:06
Radium 228		-0.06	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050246-016CMS		Sample Matrix Spike				Run: TENNELEC-3_090512B				05/26/09 15:07
Radium 228		14.6pCi/L			84	70	130			
Sample ID: C09050246-016CMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090512B				05/26/09 15:07
Radium 228		15.3pCi/L			85	70	130	4.4	35.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy

Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609

Invoice Address:

Project Name, PWS, Permit, Etc.: Lost Creek

Contact Name: John Cash

Phone/Fax: 307-265-2373

Email: John.Cash@ur-energyusa.com

Invoice Contact & Phone:

Sample Origin State: WY

EPA/State Compliance: Yes ☐ No ☑

Sampler: (Please Print)

Purchase Order:

Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): Client

Receipt Temp 5 °C

On Ice: Yes (No)

Custody Seal Y (N)

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MO-103 #60	5-7-09		W 2gal
2	MP-103 #61			
3	MU-103 #62			
4	MO-105 #63			
5	MP-105 #64			
6	MU-105 #65			
7	KPW-2 #66			
8	M-135 #67			
9	MO-101 #68			
10	MP-101 #69			

C09050246

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Craig Hurst Date/Time: 5-7-09 5:00pm Signature:

Relinquished by (print): Steve Hatten Date/Time: 5/8/09 8:55 Signature:

Received by (print): Andrew Carson Date/Time: 5/8/09 855 Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy

Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609

Invoice Address:

Project Name, PWS, Permit, Etc.: Lost Creek

Contact Name: John Cash

Phone/Fax: 307-265-2373

Email: John.Cash@ur-energyusa.com

Invoice Contact & Phone:

Sample Origin State: WY

EPA/State Compliance: Yes ☐ No ☒

Sampler: (Please Print)

Purchase Order:

Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW
☐ GSA
☐ POTW/WWTP
☐ State: _____
☐ Other: _____
☐ A2LA
☐ EDD/EDT (Electronic Data) Format: _____
☐ LEVEL IV
☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): Client

Receipt Temp 5 °C

On Ice: Yes (No)

Custody Seal Y (N)

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MU-101 #70	5-7-09		W 2gal
2	MO-102 #71			
3	MP-102 #72			
4	MU-102 #73			
5	MP-111 #74			
6	M-136 #75			
7				
8				
9				
10				

C09050246

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Craig Hunt Date/Time: 5-7-09 5:00 p.m. Signature:

Relinquished by (print): Steve Watson Date/Time: 5/8/09 8:55 Signature:

Received by (print): Andrew Larsen Date/Time: 5/8/09 855 Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

UR Energy USA Inc

C09050246

Login completed by: Corinne Wagner

Date and Time Received: 5/8/2009 8:55 AM

Reviewed by:

Received by: al

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	5°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050246

Date: 02-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 06, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050548 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 5/19/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050548-001	M-101	05/18/09 00:00	05/19/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050548-002	M-102	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-003	M-103	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-004	M-104	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-005	M-105	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-006	M-106	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-007	M-107	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-008	M-108	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-009	M-109	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-010	M-110	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-011	M-111	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-012	M-112	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-013	M-113	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-014	M-114	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-015	M-115	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-016	M-116	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-017	M-117	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-018	M-118	05/18/09 00:00	05/19/09	Aqueous	Same As Above
C09050548-019	M-120A	05/18/09 00:00	05/19/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09050548-020	M-121	05/18/09 00:00 05/19/09	Aqueous	Same As Above
C09050548-021	M-129	05/18/09 00:00 05/19/09	Aqueous	Same As Above
C09050548-022	M-130	05/18/09 00:00 05/19/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-001
Client Sample ID: M-101

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	83	mg/L		1		A2320 B	05/21/09 19:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 19:26 / ljl
Bicarbonate as HCO3	101	mg/L		1		A2320 B	05/21/09 19:26 / ljl
Calcium	89	mg/L		1		E200.7	05/29/09 01:53 / rdw
Chloride	5	mg/L		1		E300.0	05/24/09 23:10 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 09:53 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 01:53 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	05/21/09 09:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 10:57 / eli-b
Potassium	7	mg/L		1		E200.7	05/29/09 01:53 / rdw
Silica	14.0	mg/L		0.2		E200.7	05/29/09 01:53 / rdw
Sodium	33	mg/L		1		E200.7	05/29/09 01:53 / rdw
Sulfate	232	mg/L		1		E300.0	05/24/09 23:10 / ljl
PHYSICAL PROPERTIES							
Conductivity	617	umhos/cm		1		A2510 B	05/19/09 13:38 / dd
pH	8.83	s.u.		0.01		A4500-H B	05/19/09 13:38 / dd
Solids, Total Dissolved TDS @ 180 C	439	mg/L		10		A2540 C	05/19/09 15:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 22:30 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/20/09 22:30 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 22:30 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 01:53 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 22:30 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 22:30 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 22:30 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 01:53 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 22:30 / ts
Manganese	ND	mg/L		0.01		E200.8	05/20/09 22:30 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 22:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 22:30 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 22:30 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 22:30 / ts
Uranium	0.0476	mg/L		0.0003		E200.8	05/20/09 22:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 22:30 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 17:18 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 21:21 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 21:21 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-001
Client Sample ID: M-101

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	325	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	8.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	91.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	154	pCi/L				E903.0	05/30/09 18:27 / jah
Radium 226 precision (±)	5.5	pCi/L				E903.0	05/30/09 18:27 / jah
Radium 226 MDC	0.51	pCi/L				E903.0	05/30/09 18:27 / jah
Radium 228	7.4	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/21/09 13:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.07	%				Calculation	06/01/09 12:49 / ks
Anions	6.63	meq/L				Calculation	06/01/09 12:49 / ks
Cations	6.24	meq/L				Calculation	06/01/09 12:49 / ks
Solids, Total Dissolved Calculated	435	mg/L				Calculation	06/01/09 12:49 / ks
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/01/09 12:49 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-002
Client Sample ID: M-102

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	131	mg/L		1		A2320 B	05/21/09 19:56 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 19:56 / ljl
Bicarbonate as HCO3	159	mg/L		1		A2320 B	05/21/09 19:56 / ljl
Calcium	110	mg/L		1		E200.7	06/05/09 00:09 / aae
Chloride	5	mg/L		1		E300.0	06/03/09 01:27 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 09:56 / ljl
Magnesium	5	mg/L		1		E200.7	06/05/09 00:09 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 10:59 / eli-b
Potassium	4	mg/L		1		E200.7	06/05/09 00:09 / aae
Silica	16.3	mg/L		0.2		E200.7	05/29/09 02:04 / rdw
Sodium	31	mg/L		1		E200.7	06/05/09 00:09 / aae
Sulfate	256	mg/L		1		E300.0	06/03/09 01:27 / ljl
PHYSICAL PROPERTIES							
Conductivity	724	umhos/cm		1		A2510 B	05/19/09 13:40 / dd
pH	7.62	s.u.		0.01		A4500-H B	05/19/09 13:40 / dd
Solids, Total Dissolved TDS @ 180 C	522	mg/L		10		A2540 C	05/19/09 15:45 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 22:36 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/20/09 22:36 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 22:36 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 02:04 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 22:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 22:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 22:36 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 02:04 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 22:36 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/20/09 22:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 22:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 22:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 22:36 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 22:36 / ts
Uranium	0.0390	mg/L		0.0003		E200.8	05/20/09 22:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 22:36 / ts
Zinc	0.02	mg/L		0.01		E200.8	06/01/09 17:25 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 21:26 / aae
Manganese	0.02	mg/L	D	0.02		E200.7	06/05/09 21:26 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-002
Client Sample ID: M-102

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	55.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	4.1	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.5	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	23.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	3.7	pCi/L				E903.0	05/30/09 19:58 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	05/30/09 19:58 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	05/30/09 19:58 / jah
Radium 228	3.1	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/21/09 13:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.00	%				Calculation	06/08/09 07:56 / kbh
Anions	8.10	meq/L				Calculation	06/08/09 07:56 / kbh
Cations	7.32	meq/L				Calculation	06/08/09 07:56 / kbh
Solids, Total Dissolved Calculated	510	mg/L				Calculation	06/08/09 07:56 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/08/09 07:56 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-003
Client Sample ID: M-103

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	142	mg/L		1		A2320 B	05/21/09 20:18 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:18 / ljl
Bicarbonate as HCO3	174	mg/L		1		A2320 B	05/21/09 20:18 / ljl
Calcium	135	mg/L		1		E200.7	05/29/09 02:38 / rdw
Chloride	6	mg/L		1		E300.0	05/24/09 23:41 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/21/09 09:59 / ljl
Magnesium	6	mg/L		1		E200.7	05/29/09 02:38 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 11:00 / eli-b
Potassium	4	mg/L		1		E200.7	05/29/09 02:38 / rdw
Silica	18.3	mg/L		0.2		E200.7	05/29/09 02:38 / rdw
Sodium	31	mg/L		1		E200.7	05/29/09 02:38 / rdw
Sulfate	288	mg/L		1		E300.0	05/24/09 23:41 / ljl
PHYSICAL PROPERTIES							
Conductivity	816	umhos/cm		1		A2510 B	05/19/09 13:43 / dd
pH	7.74	s.u.		0.01		A4500-H B	05/19/09 13:43 / dd
Solids, Total Dissolved TDS @ 180 C	608	mg/L		10		A2540 C	05/19/09 15:47 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 22:43 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/20/09 22:43 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 22:43 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 02:38 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 22:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 22:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 22:43 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 02:38 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 22:43 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/20/09 22:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 22:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 22:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 22:43 / ts
Selenium	0.032	mg/L		0.001		E200.8	05/20/09 22:43 / ts
Uranium	0.554	mg/L		0.0003		E200.8	05/20/09 22:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 22:43 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/01/09 17:32 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 21:49 / aae
Manganese	0.03	mg/L	D	0.02		E200.7	06/05/09 21:49 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-003
Client Sample ID: M-103

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	502	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	12.6	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	191	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	2.0	pCi/L				E903.0	05/31/09 00:29 / jah
Radium 226 precision (±)	0.33	pCi/L				E903.0	05/31/09 00:29 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	05/31/09 00:29 / jah
Radium 228	3.7	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/21/09 13:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.93	%				Calculation	06/01/09 12:51 / ks
Anions	9.02	meq/L				Calculation	06/01/09 12:51 / ks
Cations	8.68	meq/L				Calculation	06/01/09 12:51 / ks
Solids, Total Dissolved Calculated	579	mg/L				Calculation	06/01/09 12:51 / ks
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/01/09 12:51 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-004
Client Sample ID: M-104

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	139	mg/L		1		A2320 B	05/21/09 20:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:26 / ljl
Bicarbonate as HCO3	169	mg/L		1		A2320 B	05/21/09 20:26 / ljl
Calcium	135	mg/L		1		E200.7	05/29/09 02:44 / rdw
Chloride	9	mg/L		1		E300.0	05/25/09 00:27 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/21/09 10:02 / ljl
Magnesium	5	mg/L		1		E200.7	05/29/09 02:44 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 11:01 / eli-b
Potassium	4	mg/L		1		E200.7	05/29/09 02:44 / rdw
Silica	18.2	mg/L		0.2		E200.7	05/29/09 02:44 / rdw
Sodium	29	mg/L		1		E200.7	05/29/09 02:44 / rdw
Sulfate	269	mg/L		1		E300.0	05/25/09 00:27 / ljl
PHYSICAL PROPERTIES							
Conductivity	793	umhos/cm		1		A2510 B	05/19/09 13:47 / dd
pH	7.85	s.u.		0.01		A4500-H B	05/19/09 13:47 / dd
Solids, Total Dissolved TDS @ 180 C	544	mg/L		10		A2540 C	05/20/09 13:25 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 22:50 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/20/09 22:50 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 22:50 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 02:44 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 22:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 22:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 22:50 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 02:44 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 22:50 / ts
Manganese	0.04	mg/L		0.01		E200.8	05/20/09 22:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 22:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 22:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 22:50 / ts
Selenium	0.037	mg/L		0.001		E200.8	05/20/09 22:50 / ts
Uranium	0.585	mg/L		0.0003		E200.8	05/20/09 22:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 22:50 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/01/09 17:39 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 22:06 / aae
Manganese	0.05	mg/L	D	0.02		E200.7	06/05/09 22:06 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-004
Client Sample ID: M-104

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	524	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	12.8	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	198	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	1.8	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.33	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	2.3	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.7	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.459	%				Calculation	06/01/09 12:51 / ks
Anions	8.62	meq/L				Calculation	06/01/09 12:51 / ks
Cations	8.54	meq/L				Calculation	06/01/09 12:51 / ks
Solids, Total Dissolved Calculated	557	mg/L				Calculation	06/01/09 12:51 / ks
TDS Balance (0.80 - 1.20)	0.980					Calculation	06/01/09 12:51 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-005
Client Sample ID: M-105

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	130	mg/L		1		A2320 B	05/21/09 20:33 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:33 / ljl
Bicarbonate as HCO3	159	mg/L		1		A2320 B	05/21/09 20:33 / ljl
Calcium	116	mg/L		1		E200.7	05/29/09 02:49 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 00:42 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 10:04 / ljl
Magnesium	5	mg/L		1		E200.7	05/29/09 02:49 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:00 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 02:49 / rdw
Silica	15.9	mg/L		0.2		E200.7	05/29/09 02:49 / rdw
Sodium	31	mg/L		1		E200.7	05/29/09 02:49 / rdw
Sulfate	239	mg/L		1		E300.0	05/25/09 00:42 / ljl
PHYSICAL PROPERTIES							
Conductivity	697	umhos/cm		1		A2510 B	05/19/09 13:50 / dd
pH	7.61	s.u.		0.01		A4500-H B	05/19/09 13:50 / dd
Solids, Total Dissolved TDS @ 180 C	472	mg/L		10		A2540 C	05/20/09 13:25 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 22:57 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/20/09 22:57 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 22:57 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 02:49 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 22:57 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 22:57 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 22:57 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 02:49 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 22:57 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/20/09 22:57 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 22:57 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 22:57 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 22:57 / ts
Selenium	0.001	mg/L		0.001		E200.8	05/20/09 22:57 / ts
Uranium	0.0825	mg/L		0.0003		E200.8	05/20/09 22:57 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 22:57 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 17:46 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/05/09 22:11 / aae
Manganese	0.02	mg/L	D	0.02		E200.7	06/05/09 22:11 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-005
Client Sample ID: M-105

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	377	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	10.1	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.5	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	117	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	184	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	2.6	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	5.8	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.24	%				Calculation	06/01/09 12:52 / ks
Anions	7.75	meq/L				Calculation	06/01/09 12:52 / ks
Cations	7.56	meq/L				Calculation	06/01/09 12:52 / ks
Solids, Total Dissolved Calculated	497	mg/L				Calculation	06/01/09 12:52 / ks
TDS Balance (0.80 - 1.20)	0.950					Calculation	06/01/09 12:52 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-006
Client Sample ID: M-106

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	127	mg/L		1		A2320 B	05/21/09 20:40 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:40 / ljl
Bicarbonate as HCO3	156	mg/L		1		A2320 B	05/21/09 20:40 / ljl
Calcium	111	mg/L		1		E200.7	05/29/09 02:55 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 00:58 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 10:07 / ljl
Magnesium	4	mg/L		1		E200.7	05/29/09 02:55 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:02 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 02:55 / rdw
Silica	15.7	mg/L		0.2		E200.7	05/29/09 02:55 / rdw
Sodium	31	mg/L		1		E200.7	05/29/09 02:55 / rdw
Sulfate	235	mg/L		1		E300.0	05/25/09 00:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	693	umhos/cm		1		A2510 B	05/19/09 13:52 / dd
pH	7.83	s.u.		0.01		A4500-H B	05/19/09 13:52 / dd
Solids, Total Dissolved TDS @ 180 C	489	mg/L		10		A2540 C	05/20/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 23:03 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/20/09 23:03 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 23:03 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 02:55 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 23:03 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 23:03 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 23:03 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 02:55 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 23:03 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/20/09 23:03 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 23:03 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 23:03 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 23:03 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 23:03 / ts
Uranium	0.0548	mg/L		0.0003		E200.8	05/20/09 23:03 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 23:03 / ts
Zinc	0.02	mg/L		0.01		E200.8	06/01/09 17:52 / sml
METALS - TOTAL							
Iron	0.88	mg/L		0.03		E200.8	06/05/09 23:37 / sml
Manganese	0.02	mg/L		0.01		E200.8	06/05/09 23:37 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-006
Client Sample ID: M-106

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	76.1	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	4.7	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.5	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	26.6	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	13	pCi/L				E903.0	05/31/09 01:59 / jah
Radium 226 precision (±)	0.84	pCi/L				E903.0	05/31/09 01:59 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	05/31/09 01:59 / jah
Radium 228	5.3	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/21/09 13:33 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/21/09 13:33 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.74	%				Calculation	06/01/09 12:52 / ks
Anions	7.60	meq/L				Calculation	06/01/09 12:52 / ks
Cations	7.34	meq/L				Calculation	06/01/09 12:52 / ks
Solids, Total Dissolved Calculated	487	mg/L				Calculation	06/01/09 12:52 / ks
TDS Balance (0.80 - 1.20)	1.00					Calculation	06/01/09 12:52 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-007
Client Sample ID: M-107

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	90	mg/L		1		A2320 B	05/21/09 20:47 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:47 / ljl
Bicarbonate as HCO3	110	mg/L		1		A2320 B	05/21/09 20:47 / ljl
Calcium	97	mg/L		1		E200.7	05/29/09 03:00 / rdw
Chloride	6	mg/L		1		E300.0	05/25/09 01:13 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 10:10 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 03:00 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:37 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:03 / eli-b
Potassium	10	mg/L		1		E200.7	05/29/09 03:00 / rdw
Silica	15.1	mg/L		0.2		E200.7	05/29/09 03:00 / rdw
Sodium	33	mg/L		1		E200.7	05/29/09 03:00 / rdw
Sulfate	230	mg/L		1		E300.0	05/25/09 01:13 / ljl
PHYSICAL PROPERTIES							
Conductivity	639	umhos/cm		1		A2510 B	05/19/09 13:54 / dd
pH	8.75	s.u.		0.01		A4500-H B	05/19/09 13:54 / dd
Solids, Total Dissolved TDS @ 180 C	437	mg/L		10		A2540 C	05/20/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 23:10 / ts
Arsenic	0.004	mg/L		0.001		E200.8	05/20/09 23:10 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 23:10 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:00 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 23:10 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 23:10 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 23:10 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:00 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 23:10 / ts
Manganese	ND	mg/L		0.01		E200.8	05/20/09 23:10 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 23:10 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 23:10 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 23:10 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 23:10 / ts
Uranium	0.0499	mg/L		0.0003		E200.8	05/20/09 23:10 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 23:10 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 17:59 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 22:17 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 22:17 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-007
Client Sample ID: M-107

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	86.8	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	4.8	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	34.4	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	4.6	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.46	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	4.3	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	0.183	%				Calculation	06/01/09 12:53 / ks
Anions	6.75	meq/L				Calculation	06/01/09 12:53 / ks
Cations	6.78	meq/L				Calculation	06/01/09 12:53 / ks
Solids, Total Dissolved Calculated	452	mg/L				Calculation	06/01/09 12:53 / ks
TDS Balance (0.80 - 1.20)	0.970					Calculation	06/01/09 12:53 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-008
Client Sample ID: M-108

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	122	mg/L		1		A2320 B	05/21/09 20:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 20:54 / ljl
Bicarbonate as HCO3	149	mg/L		1		A2320 B	05/21/09 20:54 / ljl
Calcium	90	mg/L		1		E200.7	05/29/09 03:06 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 01:59 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 10:12 / ljl
Magnesium	4	mg/L		1		E200.7	05/29/09 03:06 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:04 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 03:06 / rdw
Silica	15.6	mg/L		0.2		E200.7	05/29/09 03:06 / rdw
Sodium	29	mg/L		1		E200.7	05/29/09 03:06 / rdw
Sulfate	188	mg/L		1		E300.0	05/25/09 01:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	598	umhos/cm		1		A2510 B	05/19/09 13:56 / dd
pH	7.91	s.u.		0.01		A4500-H B	05/19/09 13:56 / dd
Solids, Total Dissolved TDS @ 180 C	394	mg/L		10		A2540 C	05/20/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 23:17 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/20/09 23:17 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 23:17 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:06 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 23:17 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 23:17 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 23:17 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:06 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 23:17 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/20/09 23:17 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 23:17 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 23:17 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 23:17 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 23:17 / ts
Uranium	0.0149	mg/L		0.0003		E200.8	05/20/09 23:17 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 23:17 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 18:34 / sml
METALS - TOTAL							
Iron	0.09	mg/L		0.03		E200.7	06/05/09 22:22 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 22:22 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-008
Client Sample ID: M-108

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	41.4	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha precision (±)	3.4	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta	18.4	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/19/09 21:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/19/09 21:10 / cgr
Radium 226	8.2	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.63	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	5.3	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.21	%				Calculation	06/01/09 12:53 / ks
Anions	6.51	meq/L				Calculation	06/01/09 12:53 / ks
Cations	6.10	meq/L				Calculation	06/01/09 12:53 / ks
Solids, Total Dissolved Calculated	411	mg/L				Calculation	06/01/09 12:53 / ks
TDS Balance (0.80 - 1.20)	0.960					Calculation	06/01/09 12:53 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-009
Client Sample ID: M-109

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	88	mg/L		1		A2320 B	05/21/09 21:02 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 21:02 / ljl
Bicarbonate as HCO3	108	mg/L		1		A2320 B	05/21/09 21:02 / ljl
Calcium	60	mg/L		1		E200.7	05/29/09 03:11 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 02:15 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:21 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 03:11 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:40 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:05 / eli-b
Potassium	5	mg/L		1		E200.7	05/29/09 03:11 / rdw
Silica	11.7	mg/L		0.2		E200.7	05/29/09 03:11 / rdw
Sodium	31	mg/L		1		E200.7	05/29/09 03:11 / rdw
Sulfate	147	mg/L		1		E300.0	05/25/09 02:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	470	umhos/cm		1		A2510 B	05/19/09 13:58 / dd
pH	8.30	s.u.		0.01		A4500-H B	05/19/09 13:58 / dd
Solids, Total Dissolved TDS @ 180 C	292	mg/L		10		A2540 C	05/20/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 23:24 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/20/09 23:24 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 23:24 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:11 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 23:24 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 23:24 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 23:24 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:11 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 23:24 / ts
Manganese	ND	mg/L		0.01		E200.8	05/20/09 23:24 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 23:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 23:24 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 23:24 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 23:24 / ts
Uranium	0.0196	mg/L		0.0003		E200.8	05/20/09 23:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 23:24 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 18:40 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 22:27 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 22:27 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-009
Client Sample ID: M-109

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	53.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	3.4	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	24.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	10	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.66	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	3.7	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.90	%				Calculation	06/01/09 12:54 / ks
Anions	4.97	meq/L				Calculation	06/01/09 12:54 / ks
Cations	4.69	meq/L				Calculation	06/01/09 12:54 / ks
Solids, Total Dissolved Calculated	318	mg/L				Calculation	06/01/09 12:54 / ks
TDS Balance (0.80 - 1.20)	0.920					Calculation	06/01/09 12:54 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-010
Client Sample ID: M-110

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	05/21/09 21:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 21:09 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	05/21/09 21:09 / ljl
Calcium	70	mg/L		1		E200.7	05/29/09 03:17 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 02:30 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:33 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 03:17 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:06 / eli-b
Potassium	2	mg/L		1		E200.7	05/29/09 03:17 / rdw
Silica	14.1	mg/L		0.2		E200.7	05/29/09 03:17 / rdw
Sodium	30	mg/L		1		E200.7	05/29/09 03:17 / rdw
Sulfate	149	mg/L		1		E300.0	05/25/09 02:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	506	umhos/cm		1		A2510 B	05/19/09 14:00 / dd
pH	7.95	s.u.		0.01		A4500-H B	05/19/09 14:00 / dd
Solids, Total Dissolved TDS @ 180 C	317	mg/L		10		A2540 C	05/20/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/20/09 23:58 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/20/09 23:58 / ts
Barium	ND	mg/L		0.1		E200.8	05/20/09 23:58 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:17 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/20/09 23:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/20/09 23:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/20/09 23:58 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:17 / rdw
Lead	ND	mg/L		0.001		E200.8	05/20/09 23:58 / ts
Manganese	ND	mg/L		0.01		E200.8	05/20/09 23:58 / ts
Mercury	ND	mg/L		0.001		E200.8	05/20/09 23:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/20/09 23:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/20/09 23:58 / ts
Selenium	ND	mg/L		0.001		E200.8	05/20/09 23:58 / ts
Uranium	0.142	mg/L		0.0003		E200.8	05/20/09 23:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/20/09 23:58 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 20:38 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/05/09 22:33 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 22:33 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-010
Client Sample ID: M-110

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	184	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	77.1	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	33	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	1.3	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	4.7	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.99	%				Calculation	06/01/09 12:54 / ks
Anions	5.42	meq/L				Calculation	06/01/09 12:54 / ks
Cations	5.11	meq/L				Calculation	06/01/09 12:54 / ks
Solids, Total Dissolved Calculated	342	mg/L				Calculation	06/01/09 12:54 / ks
TDS Balance (0.80 - 1.20)	0.930					Calculation	06/01/09 12:54 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-011
Client Sample ID: M-111

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/21/09 21:16 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 21:16 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	05/21/09 21:16 / ljl
Calcium	70	mg/L		1		E200.7	05/29/09 03:22 / rdw
Chloride	5	mg/L		1		E300.0	06/03/09 01:42 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:36 / ljl
Magnesium	3	mg/L		1		E200.7	06/05/09 00:15 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:07 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 00:15 / aae
Silica	15.6	mg/L		0.2		E200.7	05/29/09 03:22 / rdw
Sodium	29	mg/L		1		E200.7	06/05/09 00:15 / aae
Sulfate	155	mg/L		1		E300.0	06/03/09 01:42 / ljl
PHYSICAL PROPERTIES							
Conductivity	517	umhos/cm		1		A2510 B	05/19/09 14:02 / dd
pH	8.01	s.u.		0.01		A4500-H B	05/19/09 14:02 / dd
Solids, Total Dissolved TDS @ 180 C	320	mg/L		10		A2540 C	05/20/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 00:25 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/21/09 00:25 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 00:25 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:22 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 00:25 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 00:25 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 00:25 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:22 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 00:25 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 00:25 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 00:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 00:25 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 00:25 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 00:25 / ts
Uranium	0.0240	mg/L		0.0003		E200.8	05/21/09 00:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 00:25 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 20:44 / sml
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.8	06/05/09 23:44 / sml
Manganese	0.01	mg/L		0.01		E200.8	06/05/09 23:44 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-011
Client Sample ID: M-111

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	44.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	3.3	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	19.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	4.5	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.45	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	4.8	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.80	%				Calculation	06/08/09 08:12 / kbh
Anions	5.57	meq/L				Calculation	06/08/09 08:12 / kbh
Cations	5.06	meq/L				Calculation	06/08/09 08:12 / kbh
Solids, Total Dissolved Calculated	349	mg/L				Calculation	06/08/09 08:12 / kbh
TDS Balance (0.80 - 1.20)	0.920					Calculation	06/08/09 08:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-012
Client Sample ID: M-112

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	05/21/09 21:31 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 21:31 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	05/21/09 21:31 / ljl
Calcium	74	mg/L		1		E200.7	05/29/09 03:56 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 03:01 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:39 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 03:56 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:12 / eli-b
Potassium	2	mg/L		1		E200.7	05/29/09 03:56 / rdw
Silica	13.7	mg/L		0.2		E200.7	05/29/09 03:56 / rdw
Sodium	28	mg/L		1		E200.7	05/29/09 03:56 / rdw
Sulfate	150	mg/L		1		E300.0	05/25/09 03:01 / ljl
PHYSICAL PROPERTIES							
Conductivity	515	umhos/cm		1		A2510 B	05/19/09 14:04 / dd
pH	8.02	s.u.		0.01		A4500-H B	05/19/09 14:04 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	05/20/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/01/09 20:51 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/21/09 00:31 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 00:31 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 03:56 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 00:31 / ts
Chromium	ND	mg/L		0.05		E200.8	06/01/09 20:51 / sml
Copper	ND	mg/L		0.01		E200.8	05/21/09 00:31 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 03:56 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 00:31 / ts
Manganese	0.01	mg/L		0.01		E200.7	05/29/09 03:56 / rdw
Mercury	ND	mg/L		0.001		E200.8	05/21/09 00:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 00:31 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 00:31 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 00:31 / ts
Uranium	0.0225	mg/L		0.0003		E200.8	05/21/09 00:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/01/09 20:51 / sml
Zinc	ND	mg/L		0.01		E200.8	06/01/09 20:51 / sml
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	06/05/09 22:38 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 22:38 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-012
Client Sample ID: M-112

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	32.4	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta	17.1	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/20/09 09:25 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/20/09 09:25 / cgr
Radium 226	4.1	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.45	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	5.8	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.73	%				Calculation	06/01/09 12:59 / ks
Anions	5.54	meq/L				Calculation	06/01/09 12:59 / ks
Cations	5.25	meq/L				Calculation	06/01/09 12:59 / ks
Solids, Total Dissolved Calculated	348	mg/L				Calculation	06/01/09 12:59 / ks
TDS Balance (0.80 - 1.20)	0.930					Calculation	06/01/09 12:59 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-013
Client Sample ID: M-113

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	98	mg/L		1		A2320 B	05/21/09 21:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 21:54 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	05/21/09 21:54 / ljl
Calcium	56	mg/L		1		E200.7	05/29/09 04:02 / rdw
Chloride	5	mg/L		1		E300.0	05/25/09 03:16 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:42 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 04:02 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:16 / eli-b
Potassium	4	mg/L		1		E200.7	05/29/09 04:02 / rdw
Silica	14.3	mg/L		0.2		E200.7	05/29/09 04:02 / rdw
Sodium	34	mg/L		1		E200.7	05/29/09 04:02 / rdw
Sulfate	124	mg/L		1		E300.0	05/25/09 03:16 / ljl
PHYSICAL PROPERTIES							
Conductivity	448	umhos/cm		1		A2510 B	05/19/09 14:06 / dd
pH	8.07	s.u.		0.01		A4500-H B	05/19/09 14:06 / dd
Solids, Total Dissolved TDS @ 180 C	300	mg/L		10		A2540 C	05/20/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 00:38 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/21/09 00:38 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 00:38 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:02 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 00:38 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 00:38 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 00:38 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:02 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 00:38 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 00:38 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 00:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 00:38 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 00:38 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 00:38 / ts
Uranium	0.0167	mg/L		0.0003		E200.8	05/21/09 00:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 00:38 / ts
Zinc	0.02	mg/L		0.01		E200.8	06/01/09 20:58 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:01 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:01 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-013
Client Sample ID: M-113

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	42.0	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	17.1	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	7.0	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 precision (±)	0.57	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/01/09 15:55 / jah
Radium 228	2.6	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.30	%				Calculation	06/01/09 13:00 / ks
Anions	4.68	meq/L				Calculation	06/01/09 13:00 / ks
Cations	4.56	meq/L				Calculation	06/01/09 13:00 / ks
Solids, Total Dissolved Calculated	302	mg/L				Calculation	06/01/09 13:00 / ks
TDS Balance (0.80 - 1.20)	0.990					Calculation	06/01/09 13:00 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-014
Client Sample ID: M-114

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/21/09 22:01 / ljl
Carbonate as CO3	9	mg/L		1		A2320 B	05/21/09 22:01 / ljl
Bicarbonate as HCO3	110	mg/L		1		A2320 B	05/21/09 22:01 / ljl
Calcium	60	mg/L		1		E200.7	05/29/09 04:07 / rdw
Chloride	6	mg/L		1		E300.0	05/26/09 17:54 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:49 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 04:07 / rdw
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	05/21/09 09:50 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:17 / eli-b
Potassium	8	mg/L		1		E200.7	05/29/09 04:07 / rdw
Silica	12.8	mg/L		0.2		E200.7	05/29/09 04:07 / rdw
Sodium	38	mg/L		1		E200.7	05/29/09 04:07 / rdw
Sulfate	142	mg/L		1		E300.0	05/26/09 17:54 / ljl
PHYSICAL PROPERTIES							
Conductivity	495	umhos/cm		1		A2510 B	05/19/09 14:21 / dd
pH	8.88	s.u.		0.01		A4500-H B	05/19/09 14:21 / dd
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	05/20/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 00:45 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/21/09 00:45 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 00:45 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:07 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 00:45 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 00:45 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 00:45 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:07 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 00:45 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 00:45 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 00:45 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 00:45 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 00:45 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 00:45 / ts
Uranium	0.0546	mg/L		0.0003		E200.8	05/21/09 00:45 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 00:45 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 21:05 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:07 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:07 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-014
Client Sample ID: M-114

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	466	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	9.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	171	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	180	pCi/L				E903.0	06/01/09 17:27 / jah
Radium 226 precision (±)	2.8	pCi/L				E903.0	06/01/09 17:27 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/01/09 17:27 / jah
Radium 228	7.6	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	05/28/09 12:01 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	05/28/09 12:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.99	%				Calculation	06/01/09 13:00 / ks
Anions	5.24	meq/L				Calculation	06/01/09 13:00 / ks
Cations	5.04	meq/L				Calculation	06/01/09 13:00 / ks
Solids, Total Dissolved Calculated	336	mg/L				Calculation	06/01/09 13:00 / ks
TDS Balance (0.80 - 1.20)	0.970					Calculation	06/01/09 13:00 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-015
Client Sample ID: M-115

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	90	mg/L		1		A2320 B	05/21/09 22:09 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/21/09 22:09 / ljl
Bicarbonate as HCO3	101	mg/L		1		A2320 B	05/21/09 22:09 / ljl
Calcium	55	mg/L		1		E200.7	05/29/09 04:12 / rdw
Chloride	5	mg/L		1		E300.0	05/26/09 18:40 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:52 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 04:12 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:51 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:18 / eli-b
Potassium	4	mg/L		1		E200.7	05/29/09 04:12 / rdw
Silica	12.7	mg/L		0.2		E200.7	05/29/09 04:12 / rdw
Sodium	34	mg/L		1		E200.7	05/29/09 04:12 / rdw
Sulfate	132	mg/L		1		E300.0	05/26/09 18:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	457	umhos/cm		1		A2510 B	05/19/09 14:23 / dd
pH	8.96	s.u.		0.01		A4500-H B	05/19/09 14:23 / dd
Solids, Total Dissolved TDS @ 180 C	298	mg/L		10		A2540 C	05/20/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 00:52 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/21/09 00:52 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 00:52 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:12 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 00:52 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 00:52 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 00:52 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:12 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 00:52 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 00:52 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 00:52 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 00:52 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 00:52 / ts
Selenium	0.001	mg/L		0.001		E200.8	05/21/09 00:52 / ts
Uranium	0.111	mg/L		0.0003		E200.8	05/21/09 00:52 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 00:52 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 21:12 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:12 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:12 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-015
Client Sample ID: M-115

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	121	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	5.0	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	46.3	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	2.1	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.42	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.34	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	1.1	pCi/L	U			RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.9	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.81	%				Calculation	06/01/09 13:00 / ks
Anions	4.70	meq/L				Calculation	06/01/09 13:00 / ks
Cations	4.44	meq/L				Calculation	06/01/09 13:00 / ks
Solids, Total Dissolved Calculated	301	mg/L				Calculation	06/01/09 13:00 / ks
TDS Balance (0.80 - 1.20)	0.990					Calculation	06/01/09 13:00 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-016
Client Sample ID: M-116

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	05/21/09 22:16 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/21/09 22:16 / ljl
Bicarbonate as HCO3	116	mg/L		1		A2320 B	05/21/09 22:16 / ljl
Calcium	52	mg/L		1		E200.7	06/05/09 00:20 / aae
Chloride	5	mg/L		1		E300.0	06/03/09 01:58 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:55 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 00:20 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.15	mg/L		0.05		E353.2	05/21/09 12:19 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 00:20 / aae
Silica	12.6	mg/L		0.2		E200.7	05/29/09 04:18 / rdw
Sodium	31	mg/L		1		E200.7	06/05/09 00:20 / aae
Sulfate	120	mg/L		1		E300.0	06/03/09 01:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	445	umhos/cm		1		A2510 B	05/19/09 14:24 / dd
pH	8.70	s.u.		0.01		A4500-H B	05/19/09 14:24 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	05/20/09 13:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 01:26 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/21/09 01:26 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 01:26 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:18 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 01:26 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 01:26 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 01:26 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:18 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 01:26 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 01:26 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 01:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 01:26 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 01:26 / ts
Selenium	0.010	mg/L		0.001		E200.8	05/21/09 01:26 / ts
Uranium	0.180	mg/L		0.0003		E200.8	05/21/09 01:26 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 01:26 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 21:18 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:28 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:28 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-016
Client Sample ID: M-116

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	226	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	6.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	59.4	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	0.62	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	2.0	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.69	%				Calculation	06/08/09 08:38 / kbh
Anions	4.71	meq/L				Calculation	06/08/09 08:38 / kbh
Cations	4.20	meq/L				Calculation	06/08/09 08:38 / kbh
Solids, Total Dissolved Calculated	291	mg/L				Calculation	06/08/09 08:38 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/08/09 08:38 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-017
Client Sample ID: M-117

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	05/21/09 22:23 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 22:23 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	05/21/09 22:23 / ljl
Calcium	54	mg/L		1		E200.7	05/29/09 04:23 / rdw
Chloride	5	mg/L		1		E300.0	05/26/09 19:11 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 10:58 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 04:23 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:54 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.09	mg/L		0.05		E353.2	05/21/09 12:21 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 04:23 / rdw
Silica	13.3	mg/L		0.2		E200.7	05/29/09 04:23 / rdw
Sodium	33	mg/L		1		E200.7	05/29/09 04:23 / rdw
Sulfate	120	mg/L		1		E300.0	05/26/09 19:11 / ljl
PHYSICAL PROPERTIES							
Conductivity	455	umhos/cm		1		A2510 B	05/19/09 14:26 / dd
pH	8.12	s.u.		0.01		A4500-H B	05/19/09 14:26 / dd
Solids, Total Dissolved TDS @ 180 C	307	mg/L		10		A2540 C	05/20/09 13:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 01:33 / ts
Arsenic	0.002	mg/L		0.001		E200.8	05/21/09 01:33 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 01:33 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:23 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 01:33 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 01:33 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 01:33 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:23 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 01:33 / ts
Manganese	0.06	mg/L		0.01		E200.8	05/21/09 01:33 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 01:33 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 01:33 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 01:33 / ts
Selenium	0.011	mg/L		0.001		E200.8	05/21/09 01:33 / ts
Uranium	0.175	mg/L		0.0003		E200.8	05/21/09 01:33 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 01:33 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 21:25 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:34 / aae
Manganese	0.06	mg/L	D	0.02		E200.7	06/05/09 23:34 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-017
Client Sample ID: M-117

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	207	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	59.1	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	0.81	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	1.1	pCi/L	U			RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.79	%				Calculation	06/01/09 13:02 / ks
Anions	4.81	meq/L				Calculation	06/01/09 13:02 / ks
Cations	4.46	meq/L				Calculation	06/01/09 13:02 / ks
Solids, Total Dissolved Calculated	301	mg/L				Calculation	06/01/09 13:02 / ks
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/01/09 13:02 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-018
Client Sample ID: M-118

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	05/21/09 22:30 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 22:30 / ljl
Bicarbonate as HCO3	127	mg/L		1		A2320 B	05/21/09 22:30 / ljl
Calcium	61	mg/L		1		E200.7	05/29/09 04:34 / rdw
Chloride	4	mg/L		1		E300.0	05/26/09 19:26 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 11:00 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 04:34 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:22 / eli-b
Potassium	2	mg/L		1		E200.7	05/29/09 04:34 / rdw
Silica	14.2	mg/L		0.2		E200.7	05/29/09 04:34 / rdw
Sodium	38	mg/L		1		E200.7	05/29/09 04:34 / rdw
Sulfate	147	mg/L		1		E300.0	05/26/09 19:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	502	umhos/cm		1		A2510 B	05/19/09 14:28 / dd
pH	8.03	s.u.		0.01		A4500-H B	05/19/09 14:28 / dd
Solids, Total Dissolved TDS @ 180 C	350	mg/L		10		A2540 C	05/20/09 13:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 01:39 / ts
Arsenic	0.001	mg/L		0.001		E200.8	05/21/09 01:39 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 01:39 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:34 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 01:39 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 01:39 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 01:39 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:34 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 01:39 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 01:39 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 01:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 01:39 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 01:39 / ts
Selenium	0.002	mg/L		0.001		E200.8	05/21/09 01:39 / ts
Uranium	0.185	mg/L		0.0003		E200.8	05/21/09 01:39 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 01:39 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 21:32 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:45 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:45 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-018
Client Sample ID: M-118

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	301	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	7.8	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	82.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	19	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.91	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	1.4	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.82	%				Calculation	06/01/09 13:02 / ks
Anions	5.29	meq/L				Calculation	06/01/09 13:02 / ks
Cations	5.00	meq/L				Calculation	06/01/09 13:02 / ks
Solids, Total Dissolved Calculated	337	mg/L				Calculation	06/01/09 13:02 / ks
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/01/09 13:02 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-019
Client Sample ID: M-120A

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	17	mg/L		1		A2320 B	05/21/09 22:37 / ljl
Carbonate as CO3	3	mg/L		1		A2320 B	05/21/09 22:37 / ljl
Bicarbonate as HCO3	16	mg/L		1		A2320 B	05/21/09 22:37 / ljl
Calcium	27	mg/L		1		E200.7	05/29/09 04:40 / rdw
Chloride	21	mg/L		1		E300.0	05/26/09 19:42 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 11:08 / ljl
Magnesium	2	mg/L		1		E200.7	05/29/09 04:40 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:23 / eli-b
Potassium	6	mg/L		1		E200.7	05/29/09 04:40 / rdw
Silica	14.0	mg/L		0.2		E200.7	05/29/09 04:40 / rdw
Sodium	34	mg/L		1		E200.7	05/29/09 04:40 / rdw
Sulfate	103	mg/L		1		E300.0	05/26/09 19:42 / ljl
PHYSICAL PROPERTIES							
Conductivity	345	umhos/cm		1		A2510 B	05/19/09 14:30 / dd
pH	9.47	s.u.		0.01		A4500-H B	05/19/09 14:30 / dd
Solids, Total Dissolved TDS @ 180 C	224	mg/L		10		A2540 C	05/20/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 01:46 / ts
Arsenic	0.005	mg/L		0.001		E200.8	05/21/09 01:46 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 01:46 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 04:40 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 01:46 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 01:46 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 01:46 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 04:40 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 01:46 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 01:46 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 01:46 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 01:46 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 01:46 / ts
Selenium	0.001	mg/L		0.001		E200.8	05/21/09 01:46 / ts
Uranium	0.0440	mg/L		0.0003		E200.8	05/21/09 01:46 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 01:46 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 22:07 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 23:50 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 23:50 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-019
Client Sample ID: M-120A

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	45.4	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	3.2	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	18.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	0.43	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.18	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	1.2	pCi/L	U			RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	0.461	%				Calculation	06/01/09 13:02 / ks
Anions	3.10	meq/L				Calculation	06/01/09 13:02 / ks
Cations	3.13	meq/L				Calculation	06/01/09 13:02 / ks
Solids, Total Dissolved Calculated	221	mg/L				Calculation	06/01/09 13:02 / ks
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/01/09 13:02 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-020
Client Sample ID: M-121

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	116	mg/L		1		A2320 B	05/21/09 22:44 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 22:44 / ljl
Bicarbonate as HCO3	141	mg/L		1		A2320 B	05/21/09 22:44 / ljl
Calcium	58	mg/L		1		E200.7	05/29/09 05:02 / rdw
Chloride	5	mg/L		1		E300.0	05/26/09 19:57 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 11:24 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 05:02 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 09:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:32 / eli-b
Potassium	3	mg/L		1		E200.7	05/29/09 05:02 / rdw
Silica	15.9	mg/L		0.2		E200.7	05/29/09 05:02 / rdw
Sodium	33	mg/L		1		E200.7	05/29/09 05:02 / rdw
Sulfate	129	mg/L		1		E300.0	05/26/09 19:57 / ljl
PHYSICAL PROPERTIES							
Conductivity	481	umhos/cm		1		A2510 B	05/19/09 14:32 / dd
pH	7.88	s.u.		0.01		A4500-H B	05/19/09 14:32 / dd
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	05/20/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 01:53 / ts
Arsenic	0.003	mg/L		0.001		E200.8	05/21/09 01:53 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 01:53 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 05:02 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 01:53 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 01:53 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 01:53 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 05:02 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 01:53 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/21/09 01:53 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 01:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 01:53 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 01:53 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 01:53 / ts
Uranium	0.0393	mg/L		0.0003		E200.8	05/21/09 01:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 01:53 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 22:34 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/06/09 00:13 / aae
Manganese	0.04	mg/L	D	0.02		E200.7	06/06/09 00:13 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-020
Client Sample ID: M-121

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	71.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	3.9	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	18.3	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	1.0	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	0.24	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	1.0	pCi/L	U			RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.69	%				Calculation	06/01/09 13:03 / ks
Anions	5.13	meq/L				Calculation	06/01/09 13:03 / ks
Cations	4.67	meq/L				Calculation	06/01/09 13:03 / ks
Solids, Total Dissolved Calculated	321	mg/L				Calculation	06/01/09 13:03 / ks
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/01/09 13:03 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-021
Client Sample ID: M-129

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	05/21/09 22:51 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 22:51 / ljl
Bicarbonate as HCO3	133	mg/L		1		A2320 B	05/21/09 22:51 / ljl
Calcium	68	mg/L		1		E200.7	05/29/09 05:19 / rdw
Chloride	5	mg/L		1		E300.0	05/26/09 20:12 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 11:26 / ljl
Magnesium	3	mg/L		1		E200.7	05/29/09 05:19 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 10:01 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:34 / eli-b
Potassium	2	mg/L		1		E200.7	05/29/09 05:19 / rdw
Silica	13.5	mg/L		0.2		E200.7	05/29/09 05:19 / rdw
Sodium	29	mg/L		1		E200.7	05/29/09 05:19 / rdw
Sulfate	148	mg/L		1		E300.0	05/26/09 20:12 / ljl
PHYSICAL PROPERTIES							
Conductivity	507	umhos/cm		1		A2510 B	05/19/09 14:34 / dd
pH	7.97	s.u.		0.01		A4500-H B	05/19/09 14:34 / dd
Solids, Total Dissolved TDS @ 180 C	334	mg/L		10		A2540 C	05/20/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 02:20 / ts
Arsenic	0.054	mg/L		0.001		E200.8	05/21/09 02:20 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 02:20 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 05:19 / rdw
Cadmium	0.050	mg/L		0.005		E200.8	05/21/09 02:20 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 02:20 / ts
Copper	0.05	mg/L		0.01		E200.8	05/21/09 02:20 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 05:19 / rdw
Lead	0.049	mg/L		0.001		E200.8	05/21/09 02:20 / ts
Manganese	0.08	mg/L		0.01		E200.8	05/21/09 02:20 / ts
Mercury	0.005	mg/L		0.001		E200.8	05/21/09 02:20 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 02:20 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 02:20 / ts
Selenium	0.052	mg/L		0.001		E200.8	05/21/09 02:20 / ts
Uranium	0.0908	mg/L		0.0003		E200.8	05/21/09 02:20 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 02:20 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 22:41 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/06/09 00:18 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/06/09 00:18 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-021
Client Sample ID: M-129

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	186	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	72.2	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	26	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 precision (±)	1.0	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/01/09 18:02 / jah
Radium 228	3.4	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.17	%				Calculation	06/01/09 13:04 / ks
Anions	5.42	meq/L				Calculation	06/01/09 13:04 / ks
Cations	4.99	meq/L				Calculation	06/01/09 13:04 / ks
Solids, Total Dissolved Calculated	339	mg/L				Calculation	06/01/09 13:04 / ks
TDS Balance (0.80 - 1.20)	0.990					Calculation	06/01/09 13:04 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-022
Client Sample ID: M-130

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	1	mg/L		1		A2320 B	05/21/09 23:20 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/21/09 23:20 / ljl
Bicarbonate as HCO3	1	mg/L		1		A2320 B	05/21/09 23:20 / ljl
Calcium	ND	mg/L		1		E200.7	05/29/09 05:24 / rdw
Chloride	ND	mg/L		1		E300.0	05/26/09 20:28 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/21/09 11:33 / ljl
Magnesium	ND	mg/L		1		E200.7	05/29/09 05:24 / rdw
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/21/09 10:05 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/21/09 12:29 / eli-b
Potassium	ND	mg/L		1		E200.7	05/29/09 05:24 / rdw
Silica	ND	mg/L		0.2		E200.7	05/29/09 05:24 / rdw
Sodium	ND	mg/L		1		E200.7	05/29/09 05:24 / rdw
Sulfate	ND	mg/L		1		E300.0	05/26/09 20:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	05/19/09 14:39 / dd
pH	6.01	s.u.		0.01		A4500-H B	05/19/09 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/20/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	05/21/09 02:54 / ts
Arsenic	ND	mg/L		0.001		E200.8	05/21/09 02:54 / ts
Barium	ND	mg/L		0.1		E200.8	05/21/09 02:54 / ts
Boron	ND	mg/L		0.1		E200.7	05/29/09 05:24 / rdw
Cadmium	ND	mg/L		0.005		E200.8	05/21/09 02:54 / ts
Chromium	ND	mg/L		0.05		E200.8	05/21/09 02:54 / ts
Copper	ND	mg/L		0.01		E200.8	05/21/09 02:54 / ts
Iron	ND	mg/L		0.03		E200.7	05/29/09 05:24 / rdw
Lead	ND	mg/L		0.001		E200.8	05/21/09 02:54 / ts
Manganese	ND	mg/L		0.01		E200.8	05/21/09 02:54 / ts
Mercury	ND	mg/L		0.001		E200.8	05/21/09 02:54 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/21/09 02:54 / ts
Nickel	ND	mg/L		0.05		E200.8	05/21/09 02:54 / ts
Selenium	ND	mg/L		0.001		E200.8	05/21/09 02:54 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/21/09 02:54 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/21/09 02:54 / ts
Zinc	ND	mg/L		0.01		E200.8	06/01/09 22:47 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/06/09 00:23 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/06/09 00:23 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050548-022
Client Sample ID: M-130

Report Date: 07/06/09
Collection Date: 05/18/09
DateReceived: 05/19/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	-0.2	pCi/L	U			E900.0	06/10/09 22:44 / cgr
Gross Alpha precision (±)	0.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Alpha MDC	0.9	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta	-0.8	pCi/L	U			E900.0	06/10/09 22:44 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/10/09 22:44 / cgr
Radium 226	-0.2	pCi/L	U			E903.0	06/01/09 22:07 / jah
Radium 226 precision (±)	0.08	pCi/L				E903.0	06/01/09 22:07 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/01/09 22:07 / jah
Radium 228	-0.3	pCi/L	U			RA-05	05/28/09 14:08 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	05/28/09 14:08 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	05/28/09 14:08 / plj
DATA QUALITY							
A/C Balance (± 5)	-86.9	%				Calculation	06/01/09 13:05 / ks
Anions	0.0216	meq/L				Calculation	06/01/09 13:05 / ks
Cations	0.00151	meq/L				Calculation	06/01/09 13:05 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R118490
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090521B				05/21/09 15:56
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090521B				05/21/09 16:11
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090521B				05/21/09 16:18
Alkalinity, Total as CaCO3		53.6	mg/L	5.0	102	90	110			
Sample ID: C09050548-002AMS		Sample Matrix Spike				Run: MANTECH_090521B				05/21/09 20:03
Alkalinity, Total as CaCO3		256	mg/L	5.0	101	80	120			
Sample ID: C09050548-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521B				05/21/09 20:10
Alkalinity, Total as CaCO3		258	mg/L	5.0	102	80	120	0.5	20	
Sample ID: C09050548-012AMS		Sample Matrix Spike				Run: MANTECH_090521B				05/21/09 21:39
Alkalinity, Total as CaCO3		238	mg/L	5.0	100	80	120			
Sample ID: C09050548-012AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521B				05/21/09 21:47
Alkalinity, Total as CaCO3		241	mg/L	5.0	102	80	120	1.1	20	
Sample ID: C09050548-022AMS		Sample Matrix Spike				Run: MANTECH_090521B				05/21/09 23:27
Alkalinity, Total as CaCO3		129	mg/L	5.0	103	80	120			
Sample ID: C09050548-022AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521B				05/21/09 23:35
Alkalinity, Total as CaCO3		129	mg/L	5.0	102	80	120	0.2	20	
Method: A2510 B										Analytical Run: ORION555A_090519A
Sample ID: ICV2_090519_1		Initial Calibration Verification Standard								05/19/09 13:17
Conductivity		1400	umhos/cm	1.0	99	90	110			
Method: A2510 B										Batch: 090519_1_PH-W_555A-2
Sample ID: MBLK1_090519_1		Method Blank				Run: ORION555A_090519A				05/19/09 13:13
Conductivity		0.8	umhos/cm	0.2						
Sample ID: C09050548-003ADUP		Sample Duplicate				Run: ORION555A_090519A				05/19/09 13:45
Conductivity		818	umhos/cm	1.0				0.2	10	
Sample ID: C09050548-013ADUP		Sample Duplicate				Run: ORION555A_090519A				05/19/09 14:09
Conductivity		447	umhos/cm	1.0				0.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090519_2_SLDS-TDS-W	
Sample ID: MBLK1_090519		Method Blank				Run: BAL-1_090519C			05/19/09 15:31	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090519		Laboratory Control Sample				Run: BAL-1_090519C			05/19/09 15:31	
Solids, Total Dissolved TDS @ 180 C		988	mg/L	10	99	90	110			
Sample ID: C09050548-003AMS		Sample Matrix Spike				Run: BAL-1_090519C			05/19/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2640	mg/L	10	102	90	110			
Sample ID: C09050548-003AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090519C			05/19/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2630	mg/L	10	101	90	110	0.5	10	
Method: A2540 C									Batch: 090520_2_SLDS-TDS-W	
Sample ID: MBLK1_		Method Blank				Run: BAL-1_090520A			05/20/09 13:22	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_		Laboratory Control Sample				Run: BAL-1_090520A			05/20/09 13:22	
Solids, Total Dissolved TDS @ 180 C		990	mg/L	10	99	90	110			
Sample ID: C09050548-005AMS		Sample Matrix Spike				Run: BAL-1_090520A			05/20/09 13:26	
Solids, Total Dissolved TDS @ 180 C		2520	mg/L	10	102	90	110			
Sample ID: C09050548-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090520A			05/20/09 13:26	
Solids, Total Dissolved TDS @ 180 C		2490	mg/L	10	101	90	110	1	10	
Sample ID: C09050548-015AMS		Sample Matrix Spike				Run: BAL-1_090520A			05/20/09 13:29	
Solids, Total Dissolved TDS @ 180 C		2290	mg/L	10	100	90	110			
Sample ID: C09050548-015AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090520A			05/20/09 13:29	
Solids, Total Dissolved TDS @ 180 C		2280	mg/L	10	99	90	110	0.8	10	
Method: A4500-F C									Batch: R118489	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090521A			05/21/09 09:39	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090521A			05/21/09 09:45	
Fluoride		0.980	mg/L	0.10	98	90	110			
Sample ID: C09050548-008AMS		Sample Matrix Spike				Run: MANTECH_090521A			05/21/09 10:15	
Fluoride		1.17	mg/L	0.10	104	80	120			
Sample ID: C09050548-008AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521A			05/21/09 10:18	
Fluoride		1.17	mg/L	0.10	104	80	120	0	10	
Sample ID: C09050548-018AMS		Sample Matrix Spike				Run: MANTECH_090521A			05/21/09 11:03	
Fluoride		1.19	mg/L	0.10	101	80	120			
Sample ID: C09050548-018AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521A			05/21/09 11:05	
Fluoride		1.19	mg/L	0.10	101	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B									Analytical Run: ORION555A_090519A	
Sample ID: ICV1_090519_1		Initial Calibration Verification Standard							05/19/09 13:15	
pH		6.89	s.u.	0.010	100	98	102			
Method: A4500-H B									Batch: 090519_1_PH-W_555A-2	
Sample ID: C09050548-003ADUP		Sample Duplicate				Run: ORION555A_090519A			05/19/09 13:45	
pH		7.75	s.u.	0.010				0.1	10	
Sample ID: C09050548-013ADUP		Sample Duplicate				Run: ORION555A_090519A			05/19/09 14:09	
pH		8.08	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118774
Sample ID: LRB	8	Method Blank				Run: ICP3-C_090528A				05/28/09 15:24
Boron		ND	mg/L	0.02						
Calcium		ND	mg/L	0.2						
Iron		0.02	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.03						
Silicon		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	8	Laboratory Fortified Blank				Run: ICP3-C_090528A				05/28/09 15:30
Boron		1.10	mg/L	0.10	110	85	115			
Calcium		51.7	mg/L	0.50	103	85	115			
Iron		5.60	mg/L	0.030	112	85	115			
Magnesium		52.8	mg/L	0.50	105	85	115			
Manganese		5.39	mg/L	0.010	108	85	115			
Potassium		51.8	mg/L	0.50	104	85	115			
Silicon		11.1	mg/L	0.032	111	85	115			
Sodium		52.5	mg/L	0.50	105	85	115			
Sample ID: C09050548-002BMS	8	Sample Matrix Spike				Run: ICP3-C_090528A				05/29/09 02:09
Boron		0.491	mg/L	0.10	96	70	130			
Calcium		161	mg/L	1.0	106	70	130			
Iron		0.439	mg/L	0.030	86	70	130			
Magnesium		48.9	mg/L	1.0	87	70	130			
Manganese		0.455	mg/L	0.010	85	70	130			
Potassium		51.8	mg/L	1.0	93	70	130			
Silicon		8.51	mg/L	0.10		70	130			A
Sodium		78.4	mg/L	1.0	93	70	130			
Sample ID: C09050548-002BMSD	8	Sample Matrix Spike Duplicate				Run: ICP3-C_090528A				05/29/09 02:15
Boron		0.475	mg/L	0.10	93	70	130	3.4	20	
Calcium		161	mg/L	1.0	105	70	130	0.2	20	
Iron		0.435	mg/L	0.030	85	70	130	1	20	
Magnesium		47.9	mg/L	1.0	85	70	130	2	20	
Manganese		0.458	mg/L	0.010	85	70	130	0.7	20	
Potassium		49.7	mg/L	1.0	89	70	130	4.2	20	
Silicon		8.62	mg/L	0.10		70	130	1.3	20	A
Sodium		76.7	mg/L	1.0	90	70	130	2.2	20	
Sample ID: C09050548-011BMS	8	Sample Matrix Spike				Run: ICP3-C_090528A				05/29/09 03:27
Boron		0.468	mg/L	0.10	87	70	130			
Calcium		115	mg/L	1.0	88	70	130			
Iron		0.466	mg/L	0.030	91	70	130			
Magnesium		48.1	mg/L	1.0	88	70	130			
Manganese		0.473	mg/L	0.010	91	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R118774
Sample ID: C09050548-011BMS	8	Sample Matrix Spike				Run: ICP3-C_090528A				05/29/09 03:27
Potassium		46.6	mg/L	1.0	86	70	130			
Silicon		7.79	mg/L	0.10		70	130			A
Sodium		71.8	mg/L	1.0	85	70	130			
Sample ID: C09050548-011BMSD	8	Sample Matrix Spike Duplicate				Run: ICP3-C_090528A				05/29/09 03:51
Boron		0.479	mg/L	0.10	89	70	130	2.2	20	
Calcium		112	mg/L	1.0	82	70	130	2.9	20	
Iron		0.484	mg/L	0.030	95	70	130	3.7	20	
Magnesium		47.1	mg/L	1.0	86	70	130	2.2	20	
Manganese		0.491	mg/L	0.010	94	70	130	3.5	20	
Potassium		45.4	mg/L	1.0	84	70	130	2.6	20	
Silicon		7.81	mg/L	0.10		70	130	0.2	20	A
Sodium		69.7	mg/L	1.0	81	70	130	2.9	20	
Sample ID: C09050548-020BMS	8	Sample Matrix Spike				Run: ICP3-C_090528A				05/29/09 05:08
Boron		0.474	mg/L	0.10	93	70	130			
Calcium		103	mg/L	1.0	88	70	130			
Iron		0.487	mg/L	0.030	96	70	130			
Magnesium		48.2	mg/L	1.0	89	70	130			
Manganese		0.525	mg/L	0.010	95	70	130			
Potassium		47.3	mg/L	1.0	87	70	130			
Silicon		8.60	mg/L	0.10		70	130			A
Sodium		77.9	mg/L	1.0	87	70	130			
Sample ID: C09050548-020BMSD	8	Sample Matrix Spike Duplicate				Run: ICP3-C_090528A				05/29/09 05:13
Boron		0.430	mg/L	0.10	84	70	130	9.7	20	
Calcium		101	mg/L	1.0	84	70	130	2.4	20	
Iron		0.460	mg/L	0.030	90	70	130	5.6	20	
Magnesium		48.6	mg/L	1.0	90	70	130	0.8	20	
Manganese		0.496	mg/L	0.010	90	70	130	5.6	20	
Potassium		47.8	mg/L	1.0	88	70	130	1.2	20	
Silicon		7.60	mg/L	0.10		70	130	12	20	A
Sodium		76.9	mg/L	1.0	85	70	130	1.3	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119133
Sample ID: C09050733-014BMS	4	Sample Matrix Spike				Run: ICP3-C_090604A				06/04/09 23:35
Calcium		48.0	mg/L	1.0	91	70	130			
Magnesium		48.2	mg/L	1.0	95	70	130			
Potassium		46.7	mg/L	1.0	90	70	130			
Sodium		170	mg/L	1.0	85	70	130			
Sample ID: C09050733-014BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090604A				06/04/09 23:58
Calcium		45.3	mg/L	1.0	86	70	130	5.7	20	
Magnesium		45.0	mg/L	1.0	88	70	130	6.9	20	
Potassium		44.0	mg/L	1.0	85	70	130	5.9	20	
Sodium		165	mg/L	1.0	76	70	130	2.9	20	
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090604A				06/04/09 13:59
Calcium		0.2	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090604A				06/04/09 14:05
Calcium		51	mg/L	0.50	103	85	115			
Magnesium		52	mg/L	0.50	105	85	115			
Potassium		51	mg/L	0.50	101	85	115			
Sodium		52	mg/L	0.50	103	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119215
Sample ID: LRB	2	Method Blank				Run: ICP3-C_090605B				06/05/09 15:27
Iron		ND	mg/L	0.01						
Manganese		ND	mg/L	0.003						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICP3-C_090605B				06/05/09 15:33
Iron		5.25	mg/L	0.030	105	85	115			
Manganese		5.07	mg/L	0.010	101	85	115			
Sample ID: C09050548-003CMS	2	Sample Matrix Spike				Run: ICP3-C_090605B				06/05/09 21:54
Iron		0.459	mg/L	0.030	90	70	130			
Manganese		0.508	mg/L	0.021	94	70	130			
Sample ID: C09050548-003CMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090605B				06/05/09 22:00
Iron		0.424	mg/L	0.030	83	70	130	7.7	20	
Manganese		0.461	mg/L	0.021	84	70	130	9.6	20	
Sample ID: C09050548-015CMS	2	Sample Matrix Spike				Run: ICP3-C_090605B				06/05/09 23:17
Iron		0.449	mg/L	0.030	88	70	130			
Manganese		0.464	mg/L	0.021	91	70	130			
Sample ID: C09050548-015CMSD	2	Sample Matrix Spike Duplicate				Run: ICP3-C_090605B				06/05/09 23:23
Iron		0.430	mg/L	0.030	84	70	130	4.5	20	
Manganese		0.445	mg/L	0.021	87	70	130	4.1	20	
Method: E200.8										Batch: 22458
Sample ID: MB-22458	2	Method Blank				Run: ICPMS4-C_090605A				06/05/09 23:17
Iron		0.004	mg/L	0.002						
Manganese		0.00010	mg/L	4E-05						
Sample ID: LCS3-22458	2	Laboratory Control Sample				Run: ICPMS4-C_090605A				06/05/09 23:24
Iron		2.52	mg/L	0.030	101	85	115			
Manganese		2.55	mg/L	0.010	102	85	115			
Sample ID: C09050574-001AMS3	2	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/06/09 00:25
Iron		3.62	mg/L	0.030	104	70	130			
Manganese		2.55	mg/L	0.010	101	70	130			
Sample ID: C09050574-001AMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090605A				06/06/09 00:32
Iron		3.53	mg/L	0.030	100	70	130	2.5	20	
Manganese		2.53	mg/L	0.010	101	70	130	0.8	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118437
Sample ID: LRB	14	Method Blank				Run: ICPMS2-C_090520A				05/20/09 14:29
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		7E-05	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Sample ID: LFB	14	Laboratory Fortified Blank				Run: ICPMS2-C_090520A				05/20/09 14:36
Aluminum		0.0475	mg/L	0.0022	95	85	115			
Arsenic		0.0492	mg/L	0.0010	98	85	115			
Barium		0.0495	mg/L	0.0010	99	85	115			
Cadmium		0.0497	mg/L	0.0010	99	85	115			
Chromium		0.0493	mg/L	0.0010	99	85	115			
Copper		0.0495	mg/L	0.0010	99	85	115			
Lead		0.0496	mg/L	0.0010	99	85	115			
Manganese		0.0495	mg/L	0.0010	99	85	115			
Mercury		0.00501	mg/L	0.0010	100	85	115			
Molybdenum		0.0495	mg/L	0.0010	99	85	115			
Nickel		0.0496	mg/L	0.0010	99	85	115			
Selenium		0.0490	mg/L	0.0014	98	85	115			
Uranium		0.0473	mg/L	0.00030	95	85	115			
Vanadium		0.0494	mg/L	0.0010	99	85	115			
Sample ID: C09050548-010BMS4	14	Sample Matrix Spike				Run: ICPMS2-C_090520A				05/21/09 00:04
Aluminum		0.0606	mg/L	0.10	90	70	130			
Arsenic		0.0515	mg/L	0.0010	101	70	130			
Barium		0.0713	mg/L	0.10	99	70	130			
Cadmium		0.0499	mg/L	0.010	100	70	130			
Chromium		0.0478	mg/L	0.050	96	70	130			
Copper		0.0510	mg/L	0.010	96	70	130			
Lead		0.0490	mg/L	0.050	98	70	130			
Manganese		0.0574	mg/L	0.010	96	70	130			
Mercury		0.00510	mg/L	0.0010	102	70	130			
Molybdenum		0.0507	mg/L	0.10	100	70	130			
Nickel		0.0480	mg/L	0.050	96	70	130			
Selenium		0.0510	mg/L	0.0010	102	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118437
Sample ID: C09050548-010BMS4	14	Sample Matrix Spike				Run: ICPMS2-C_090520A				05/21/09 00:04
Uranium		0.190	mg/L	0.00030	95	70	130			
Vanadium		0.0493	mg/L	0.10	99	70	130			
Sample ID: C09050548-010BMSD	14	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090520A				05/21/09 00:11
Aluminum		0.0643	mg/L	0.0010	98	70	130	6.1	20	
Arsenic		0.0508	mg/L	0.0010	100	70	130	1.4	20	
Barium		0.0707	mg/L	0.0010	97	70	130	0.9	20	
Cadmium		0.0499	mg/L	0.010	100	70	130	0.1	20	
Chromium		0.0479	mg/L	0.0010	96	70	130	0.3	20	
Copper		0.0506	mg/L	0.010	95	70	130	0.8	20	
Lead		0.0491	mg/L	0.0010	98	70	130	0.1	20	
Manganese		0.0575	mg/L	0.010	96	70	130	0.3	20	
Mercury		0.00511	mg/L	0.0010	102	70	130	0.2	20	
Molybdenum		0.0503	mg/L	0.0010	99	70	130	0.7	20	
Nickel		0.0472	mg/L	0.0010	95	70	130	1.5	20	
Selenium		0.0518	mg/L	0.0010	104	70	130	1.7	20	
Uranium		0.189	mg/L	0.00030	93	70	130	0.4	20	
Vanadium		0.0492	mg/L	0.0010	98	70	130	0.2	20	
Sample ID: C09050548-020BMS4	14	Sample Matrix Spike				Run: ICPMS2-C_090520A				05/21/09 02:00
Aluminum		0.0519	mg/L	0.0010	95	70	130			
Arsenic		0.0531	mg/L	0.0010	100	70	130			
Barium		0.0646	mg/L	0.0010	100	70	130			
Cadmium		0.0494	mg/L	0.010	99	70	130			
Chromium		0.0484	mg/L	0.0010	97	70	130			
Copper		0.0479	mg/L	0.010	95	70	130			
Lead		0.0494	mg/L	0.0010	99	70	130			
Manganese		0.0846	mg/L	0.010	99	70	130			
Mercury		0.00518	mg/L	0.0010	104	70	130			
Molybdenum		0.0506	mg/L	0.0010	99	70	130			
Nickel		0.0471	mg/L	0.0010	94	70	130			
Selenium		0.0522	mg/L	0.0010	103	70	130			
Uranium		0.0904	mg/L	0.00030	102	70	130			
Vanadium		0.0503	mg/L	0.0010	99	70	130			
Sample ID: C09050548-020BMSD	14	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090520A				05/21/09 02:06
Aluminum		0.0509	mg/L	0.0010	93	70	130	1.9	20	
Arsenic		0.0524	mg/L	0.0010	99	70	130	1.3	20	
Barium		0.0635	mg/L	0.0010	98	70	130	1.8	20	
Cadmium		0.0489	mg/L	0.010	98	70	130	1	20	
Chromium		0.0480	mg/L	0.0010	96	70	130	0.7	20	
Copper		0.0481	mg/L	0.010	95	70	130	0.4	20	
Lead		0.0493	mg/L	0.0010	98	70	130	0.1	20	
Manganese		0.0840	mg/L	0.010	98	70	130	0.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118437
Sample ID: C09050548-020BMSD	14	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090520A				05/21/09 02:06
Mercury		0.00523	mg/L	0.0010	105	70	130	1	20	
Molybdenum		0.0499	mg/L	0.0010	98	70	130	1.4	20	
Nickel		0.0461	mg/L	0.0010	92	70	130	2	20	
Selenium		0.0502	mg/L	0.0010	99	70	130	3.9	20	
Uranium		0.0912	mg/L	0.00030	104	70	130	0.9	20	
Vanadium		0.0501	mg/L	0.0010	99	70	130	0.4	20	
Method: E200.8										Batch: R118900
Sample ID: LRB	4	Method Blank				Run: ICPMS4-C_090601A				06/01/09 12:37
Aluminum		ND	mg/L	0.0004						
Chromium		ND	mg/L	4E-05						
Vanadium		ND	mg/L	4E-05						
Zinc		ND	mg/L	0.0002						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICPMS4-C_090601A				06/01/09 12:44
Aluminum		0.0502	mg/L	0.0010	100	85	115			
Chromium		0.0520	mg/L	0.0010	104	85	115			
Vanadium		0.0519	mg/L	0.0010	104	85	115			
Zinc		0.0537	mg/L	0.0010	107	85	115			
Sample ID: C09050548-009BMS4	4	Sample Matrix Spike				Run: ICPMS4-C_090601A				06/01/09 18:47
Aluminum		0.0590	mg/L	0.10	97	70	130			
Chromium		0.0485	mg/L	0.050	97	70	130			
Vanadium		0.0494	mg/L	0.10	99	70	130			
Zinc		0.0576	mg/L	0.010	102	70	130			
Sample ID: C09050548-009BMSD	4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090601A				06/01/09 18:54
Aluminum		0.0606	mg/L	0.0010	100	70	130	2.7	20	
Chromium		0.0494	mg/L	0.0010	99	70	130	1.9	20	
Vanadium		0.0501	mg/L	0.0010	100	70	130	1.4	20	
Zinc		0.0570	mg/L	0.010	101	70	130	0.9	20	
Sample ID: C09050548-019BMS4	4	Sample Matrix Spike				Run: ICPMS4-C_090601A				06/01/09 22:13
Aluminum		0.108	mg/L	0.0010	100	70	130			
Chromium		0.0527	mg/L	0.0010	101	70	130			
Vanadium		0.0578	mg/L	0.0010	101	70	130			
Zinc		0.0551	mg/L	0.010	105	70	130			
Sample ID: C09050548-019BMSD	4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090601A				06/01/09 22:20
Aluminum		0.108	mg/L	0.0010	101	70	130	0.6	20	
Chromium		0.0527	mg/L	0.0010	101	70	130	0	20	
Vanadium		0.0578	mg/L	0.0010	101	70	130	0.1	20	
Zinc		0.0547	mg/L	0.010	104	70	130	0.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R118663
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090523A				05/23/09 14:17
Chloride		9.82	mg/L	1.0	98	90	110			
Sulfate		39.2	mg/L	1.0	98	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090523A				05/23/09 14:33
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050542-001AMS	2	Sample Matrix Spike				Run: IC1-C_090523A				05/24/09 21:37
Chloride		68.0	mg/L	1.0	102	90	110			
Sulfate		281	mg/L	1.0	103	90	110			
Sample ID: C09050542-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/24/09 21:53
Chloride		68.5	mg/L	1.0	103	90	110	0.7	20	
Sulfate		281	mg/L	1.0	103	90	110	0	20	
Sample ID: C09050548-007AMS	2	Sample Matrix Spike				Run: IC1-C_090523A				05/25/09 01:29
Chloride		26.0	mg/L	1.0	104	90	110			
Sulfate		301	mg/L	1.0	91	90	110			
Sample ID: C09050548-007AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090523A				05/25/09 01:44
Chloride		26.2	mg/L	1.0	105	90	110	0.7	20	
Sulfate		301	mg/L	1.0	91	90	110	0.1	20	
Method: E300.0										Batch: R118717
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090526A				05/26/09 17:07
Chloride		9.52	mg/L	1.0	95	90	110			
Sulfate		38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090526A				05/26/09 17:23
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050548-014AMS	2	Sample Matrix Spike				Run: IC1-C_090526A				05/26/09 18:09
Chloride		26.3	mg/L	1.0	101	90	110			
Sulfate		221	mg/L	1.0	100	90	110			
Sample ID: C09050548-014AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090526A				05/26/09 18:25
Chloride		26.6	mg/L	1.0	103	90	110	1.2	20	
Sulfate		220	mg/L	1.0	100	90	110	0.2	20	
Sample ID: C09050553-002AMS	2	Sample Matrix Spike				Run: IC1-C_090526A				05/26/09 21:45
Chloride		223	mg/L	1.0	92	90	110			
Sulfate		507	mg/L	1.0	100	90	110			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R119052
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090601A				06/01/09 17:27
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090601A				06/01/09 17:43
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050697-001AMS	2	Sample Matrix Spike				Run: IC1-C_090601A				06/02/09 23:54
Chloride		435	mg/L	1.0		90	110			A
Sulfate		674	mg/L	1.0	94	90	110			
Sample ID: C09050697-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090601A				06/03/09 00:10
Chloride		437	mg/L	1.0		90	110	0.5	20	A
Sulfate		678	mg/L	1.0	97	90	110	0.6	20	
Sample ID: C09050789-004AMS	2	Sample Matrix Spike				Run: IC1-C_090601A				06/03/09 03:30
Chloride		57.0	mg/L	1.0	98	90	110			
Sulfate		255	mg/L	1.0	102	90	110			
Sample ID: C09050789-004AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090601A				06/03/09 03:45
Chloride		57.4	mg/L	1.0	98	90	110	0.6	20	
Sulfate		257	mg/L	1.0	103	90	110	0.7	20	
Method: E350.1										Batch: B_R129813
Sample ID: MBLK		Method Blank				Run: SUB-B129813				05/21/09 09:12
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129813				05/21/09 09:13
Nitrogen, Ammonia as N		1.03	mg/L	0.10	104	90	110			
Sample ID: B09051637-001GMS		Sample Matrix Spike				Run: SUB-B129813				05/21/09 09:19
Nitrogen, Ammonia as N		0.916	mg/L	0.050	92	90	110			
Sample ID: B09051637-001GMSD		Sample Matrix Spike Duplicate				Run: SUB-B129813				05/21/09 09:21
Nitrogen, Ammonia as N		0.897	mg/L	0.050	90	90	110	2.1	10	
Sample ID: C09050548-005E		Sample Matrix Spike				Run: SUB-B129813				05/21/09 09:34
Nitrogen, Ammonia as N		0.632	mg/L	0.050	63	90	110			S
Sample ID: C09050548-005E		Sample Matrix Spike Duplicate				Run: SUB-B129813				05/21/09 09:35
Nitrogen, Ammonia as N		0.629	mg/L	0.050	63	90	110	0.5	10	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: B_R129810
Sample ID: MBLK		Method Blank				Run: SUB-B129810			05/21/09 10:27	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129810			05/21/09 10:28	
Nitrogen, Nitrate+Nitrite as N		1.03	mg/L	0.050	105	90	110			
Sample ID: C09050548-012E		Sample Matrix Spike				Run: SUB-B129810			05/21/09 12:13	
Nitrogen, Nitrate+Nitrite as N		1.08	mg/L	0.050	110	90	110			
Sample ID: C09050548-012E		Sample Matrix Spike Duplicate				Run: SUB-B129810			05/21/09 12:15	
Nitrogen, Nitrate+Nitrite as N		1.07	mg/L	0.050	109	90	110	0.7	10	
Sample ID: B09051756-001BMS		Sample Matrix Spike				Run: SUB-B129810			05/21/09 10:50	
Nitrogen, Nitrate+Nitrite as N		1.21	mg/L	0.050	108	90	110			
Sample ID: B09051756-001BMSD		Sample Matrix Spike Duplicate				Run: SUB-B129810			05/21/09 10:51	
Nitrogen, Nitrate+Nitrite as N		1.20	mg/L	0.050	108	90	110	0.3	10	
Method: E900.0										Batch: GrAB-0667
Sample ID: MB-GrAB-0667	6	Method Blank				Run: G5000W_090608B			06/10/09 22:44	
Gross Alpha		0.02pCi/L								U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-0.7	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0667		Laboratory Control Sample				Run: G5000W_090608B			06/10/09 22:44	
Gross Alpha		130	pCi/L		95	70	130			
Sample ID: C09050548-022DMS		Sample Matrix Spike				Run: G5000W_090608B			06/11/09 11:00	
Gross Alpha		128	pCi/L		93	70	130			
Sample ID: C09050548-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090608B			06/11/09 11:00	
Gross Alpha		132	pCi/L		97	70	130	3.4	15.9	
Sample ID: C09050548-022DMS		Sample Matrix Spike				Run: G5000W_090608B			06/11/09 11:00	
Gross Beta		88.8pCi/L			98	70	130			
Sample ID: C09050548-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090608B			06/11/09 11:00	
Gross Beta		79.7pCi/L			88	70	130	11	16.2	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0675
Sample ID: MB-GrAB-0675	6	Method Blank				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha		-0.8	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-0.4	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0675		Laboratory Control Sample				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha		140	pCi/L		100	70	130			
Sample ID: C09050548-002DDUP	6	Sample Duplicate				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha		64.6	pCi/L					16	24.3	
Gross Alpha precision (±)		4.48	pCi/L							
Gross Alpha MDC		2.57	pCi/L							
Gross Beta		21.9	pCi/L					8.6	28.5	
Gross Beta precision (±)		2.11	pCi/L							
Gross Beta MDC		2.92	pCi/L							
Sample ID: C09050548-008DMS		Sample Matrix Spike				Run: G5000W_090616D				06/19/09 21:10
Gross Alpha		185	pCi/L		105	70	130			
Sample ID: C09050548-008DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090616D				06/20/09 09:25
Gross Alpha		167	pCi/L		92	70	130	10	17.4	
Sample ID: C09050548-008DMS		Sample Matrix Spike				Run: G5000W_090616D				06/20/09 09:25
Gross Beta		114	pCi/L		104	70	130			
Sample ID: C09050548-008DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090616D				06/20/09 09:25
Gross Beta		116	pCi/L		106	70	130	1.4	15.2	
Method: E903.0										Batch: RA226-3679
Sample ID: C09050548-002DMS		Sample Matrix Spike				Run: TENNELEC-2_090521A				05/30/09 21:28
Radium 226		19	pCi/L		94	70	130			
Sample ID: C09050548-002DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-2_090521A				05/30/09 22:58
Radium 226		19	pCi/L		99	70	130	3.4	25.8	
Sample ID: MB-RA226-3679	3	Method Blank				Run: TENNELEC-2_090521A				05/31/09 05:00
Radium 226		-0.02	pCi/L							U
Radium 226 precision (±)		0.10	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3679		Laboratory Control Sample				Run: TENNELEC-2_090521A				05/31/09 06:31
Radium 226		7.8	pCi/L		99	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3680	
Sample ID: C09050548-013DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090521B			06/01/09 17:27	
Radium 226		20	pCi/L		81	70	130			
Sample ID: C09050548-013DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090521B			06/01/09 17:27	
Radium 226		25	pCi/L		116	70	130	25	22.3	R
- The RPD for the MSD is high. The individual spike recoveries are within range and the MB is acceptable therefore the batch is approved.										
Sample ID: MB-RA226-3680	3	Method Blank				Run: BERTHOLD 770-1_090521B			06/01/09 17:27	
Radium 226		-0.10	pCi/L							U
Radium 226 precision (±)		0.07pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3680		Laboratory Control Sample				Run: BERTHOLD 770-1_090521B			06/01/09 17:27	
Radium 226		5.3	pCi/L		68	70	130			S
- LCS response is outside of the acceptance range for this analysis. Since the MS and MSD are acceptable the batch is approved.										
Method: E903.0									Batch: RA226-3681	
Sample ID: C09050548-018DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090521C			06/01/09 18:02	
Radium 226		25	pCi/L		43	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the MB, LCS, and MSD are acceptable the batch is approved.										
Sample ID: C09050548-018DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090521C			06/01/09 18:02	
Radium 226		35	pCi/L		103	70	130	31	20.5	R
Sample ID: MB-RA226-3681	3	Method Blank				Run: BERTHOLD 770-1_090521C			06/01/09 22:07	
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.09pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3681		Laboratory Control Sample				Run: BERTHOLD 770-1_090521C			06/01/09 22:07	
Radium 226		5.6	pCi/L		72	70	130			
Method: RA-05									Batch: R118812	
Sample ID: C09050548-003DMS		Sample Matrix Spike				Run: TENNELEC-3_090521A			05/21/09 13:33	
Radium 228		17.1pCi/L			77	70	130			
Sample ID: C09050548-003DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090521A			05/21/09 13:33	
Radium 228		21.6pCi/L			102	70	130	23	30	
Sample ID: MB-R118812	3	Method Blank				Run: TENNELEC-3_090521A			05/21/09 13:33	
Radium 228		0.5	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: LCS-R118812		Laboratory Control Sample				Run: TENNELEC-3_090521A			05/21/09 13:33	
Radium 228		8.7	pCi/L		94	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA228-2672	
Sample ID: LCS-228-RA226-3680		Laboratory Control Sample				Run: TENNELEC-3_090521B			05/28/09 12:01	
Radium 228		8.46	pCi/L		91	70	130			
Sample ID: MB-RA226-3680	3	Method Blank				Run: TENNELEC-3_090521B			05/28/09 12:01	
Radium 228		0.6	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050548-014DMS		Sample Matrix Spike				Run: TENNELEC-3_090521B			05/28/09 12:01	
Radium 228		24.2	pCi/L		96	70	130			
Sample ID: C09050548-014DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090521B			05/28/09 12:01	
Radium 228		21.4	pCi/L		80	70	130	12	30.6	
Method: RA-05									Batch: RA228-2673	
Sample ID: LCS-228-RA226-3681		Laboratory Control Sample				Run: TENNELEC-3_090521C			05/28/09 14:08	
Radium 228		7.45	pCi/L		87	70	130			
Sample ID: MB-RA226-3681	3	Method Blank				Run: TENNELEC-3_090521C			05/28/09 14:08	
Radium 228		-0.1	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050548-019DMS		Sample Matrix Spike				Run: TENNELEC-3_090521C			05/28/09 14:08	
Radium 228		15.6	pCi/L		82	70	130			
Sample ID: C09050548-019DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090521C			05/28/09 14:08	
Radium 228		14.4	pCi/L		76	70	130	7.8	36	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5980 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-247-3873	Email: John.Cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy excel sheet

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Guidline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: [signature]

Cooler ID(s): —

Receipt Temp 4 °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guidline 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M-101 #1	5-18-09		W 2gal					C09050548
2	M-102 #2								
3	M-103 #3								
4	M-104 #4								
5	M-105 #5								
6	M-106 #6								
7	M-107 #7								
8	M-108 #8								
9	M-109 #9								
10	M-110 #10								

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-18-09 17:00	[signature]	[signature]	5-18-09 - 4:43	[signature]
[signature]	5-19-09 8:31	[signature]			

Received by Laboratory: Date/Time: 5-19-09 8:32 Signature: [signature]

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@urenergyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Gross Alpha 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s):
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Gross Alpha 8											
1	M-111 #11	5-18-09		W equal	✓											C090500548
2	M-112 #12	✓		✓	✓											
3	M-113 #13	✓		✓	✓											
4	M-114 #14	✓		✓	✓											
5	M-115 #15	✓		✓	✓											
6	M-116 #16	✓		✓	✓											
7	M-117 #17	✓		✓	✓											
8	M-118 #18	✓		✓	✓											
9	M-120A #19	✓		✓	✓											
10	M-121 #20															

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-18-09 17:00		Jay Dutt	5-18-09 4:43	
Jay Dutt	5-19-09 8:3				

Sample Disposal: Return to Client: _____ Lab Disposal: _____

Received by Laboratory: Date/Time: 5-19-09 8:32 Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Cost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s):
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8													
1	M-129 #21	5-18-09		W 2gal													C09050548	
2	M-130 #22																	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-18-09 17:00	[signature]	[signature]	5-18-09 4:43	[signature]
[signature]	5-19-09 8:32	[signature]			
Sample Disposal: Return to Client: _____ Lab Disposal: _____			Received by Laboratory:	5-19-09 8:32	[signature]

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050548

UR Energy USA Inc

Login completed by: Kimberly Humiston

Date and Time Received: 5/19/2009 8:32 AM

Reviewed by:

Received by: klh

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	4°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050548

Date: 06-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 14, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050629 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 20 samples for UR Energy USA Inc on 5/20/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050629-001	M-128	05/19/09 00:00	05/20/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050629-002	M-127	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-003	M-126	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-004	M-125	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-005	M-124	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-006	M-123	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-007	M-122	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-008	M-119	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-009	MP-110	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-010	MO-110	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-011	MU-110	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-012	MO-111	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-013	MU-111	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-014	MO-112	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-015	MP-112	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-016	MU-112	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-017	MO-113	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-018	MU-113	05/19/09 00:00	05/20/09	Aqueous	Same As Above
C09050629-019	M-131	05/19/09 00:00	05/20/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09050629-020 M-132	05/19/09 00:00 05/20/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-001
Client Sample ID: M-128

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	05/23/09 12:13 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 12:13 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	05/23/09 12:13 / ljl
Calcium	75	mg/L		1		E200.7	06/08/09 20:59 / aae
Chloride	6	mg/L		1		E300.0	05/27/09 05:58 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 13:35 / ljl
Magnesium	3	mg/L		1		E200.7	06/09/09 23:24 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 13:03 / eli-b
Potassium	5	mg/L		1		E200.7	06/08/09 20:59 / aae
Silica	14.6	mg/L		0.2		E200.8	06/08/09 21:55 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 20:59 / aae
Sulfate	154	mg/L		1		E300.0	05/27/09 05:58 / ljl
PHYSICAL PROPERTIES							
Conductivity	519	umhos/cm		1		A2510 B	05/21/09 10:44 / dd
pH	8.24	s.u.		0.01		A4500-H B	05/21/09 10:44 / dd
Solids, Total Dissolved TDS @ 180 C	363	mg/L		10		A2540 C	05/21/09 11:21 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 21:55 / sml
Arsenic	0.005	mg/L		0.001		E200.8	05/23/09 00:08 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 00:08 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 21:55 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 00:08 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 00:08 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 00:08 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 21:55 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 00:08 / ts
Manganese	0.03	mg/L		0.01		E200.8	05/23/09 00:08 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 00:08 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 00:08 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 00:08 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 00:08 / ts
Uranium	0.0839	mg/L		0.0003		E200.8	05/23/09 00:08 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 00:08 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:12 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 14:21 / cp
Manganese	0.03	mg/L		0.01		E200.7	06/15/09 14:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-001
Client Sample ID: M-128

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	114	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha precision (±)	5.0	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta	33.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Radium 226	1.1	pCi/L				E903.0	06/09/09 09:11 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	06/09/09 09:11 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/09/09 09:11 / jah
Radium 228	1.7	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/02/09 09:28 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.392	%				Calculation	06/15/09 12:29 / kbh
Anions	5.60	meq/L				Calculation	06/15/09 12:29 / kbh
Cations	5.56	meq/L				Calculation	06/15/09 12:29 / kbh
Solids, Total Dissolved Calculated	361	mg/L				Calculation	06/15/09 12:29 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/15/09 12:29 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-002
Client Sample ID: M-127

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	05/23/09 12:20 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 12:20 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	05/23/09 12:20 / ljl
Calcium	65	mg/L		1		E200.7	06/08/09 21:04 / aae
Chloride	5	mg/L		1		E300.0	05/27/09 06:13 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 13:48 / ljl
Magnesium	4	mg/L		1		E200.7	06/12/09 14:06 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 13:04 / eli-b
Potassium	10	mg/L		1		E200.7	06/08/09 21:04 / aae
Silica	13.5	mg/L		0.2		E200.8	06/15/09 17:19 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 21:04 / aae
Sulfate	138	mg/L		1		E300.0	05/27/09 06:13 / ljl
PHYSICAL PROPERTIES							
Conductivity	493	umhos/cm		1		A2510 B	05/21/09 10:46 / dd
pH	8.17	s.u.		0.01		A4500-H B	05/21/09 10:46 / dd
Solids, Total Dissolved TDS @ 180 C	345	mg/L		10		A2540 C	05/21/09 11:21 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 22:02 / sml
Arsenic	0.002	mg/L		0.001		E200.8	05/23/09 00:15 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 00:15 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 22:02 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 00:15 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 00:15 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 00:15 / ts
Iron	ND	mg/L		0.03		E200.8	06/15/09 17:19 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 00:15 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/23/09 00:15 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 00:15 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 00:15 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 00:15 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/23/09 00:15 / ts
Uranium	0.135	mg/L		0.0003		E200.8	05/23/09 00:15 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 00:15 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:19 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 14:29 / cp
Manganese	0.01	mg/L		0.01		E200.7	06/15/09 14:29 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-002
Client Sample ID: M-127

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	167	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta	62.9	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	07/07/09 01:20 / cgr
Radium 226	1.2	pCi/L				E903.0	06/09/09 13:42 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	06/09/09 13:42 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/09/09 13:42 / jah
Radium 228	2.0	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/02/09 09:28 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.166	%				Calculation	06/15/09 12:37 / kbh
Anions	5.19	meq/L				Calculation	06/15/09 12:37 / kbh
Cations	5.17	meq/L				Calculation	06/15/09 12:37 / kbh
Solids, Total Dissolved Calculated	338	mg/L				Calculation	06/15/09 12:37 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/15/09 12:37 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-003
Client Sample ID: M-126

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	05/23/09 12:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 12:42 / ljl
Bicarbonate as HCO3	105	mg/L		1		A2320 B	05/23/09 12:42 / ljl
Calcium	58	mg/L		1		E200.7	06/08/09 21:10 / aae
Chloride	6	mg/L		1		E300.0	05/27/09 06:29 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 13:51 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 23:30 / aae
Nitrogen, Ammonia as N	0.23	mg/L		0.05		E350.1	05/26/09 08:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 13:05 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 21:10 / aae
Silica	13.6	mg/L		0.2		E200.8	06/08/09 22:09 / sml
Sodium	33	mg/L		1		E200.7	06/08/09 21:10 / aae
Sulfate	145	mg/L		1		E300.0	05/27/09 06:29 / ljl
PHYSICAL PROPERTIES							
Conductivity	471	umhos/cm		1		A2510 B	05/21/09 10:49 / dd
pH	8.41	s.u.		0.01		A4500-H B	05/21/09 10:49 / dd
Solids, Total Dissolved TDS @ 180 C	329	mg/L		10		A2540 C	05/21/09 11:21 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 22:09 / sml
Arsenic	0.006	mg/L		0.001		E200.8	05/23/09 00:22 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 00:22 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 22:09 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 00:22 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 00:22 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 00:22 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 22:09 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 00:22 / ts
Manganese	0.10	mg/L		0.01		E200.8	05/23/09 00:22 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 00:22 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 00:22 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 00:22 / ts
Selenium	0.004	mg/L		0.001		E200.8	05/23/09 00:22 / ts
Uranium	0.343	mg/L		0.0003		E200.8	05/23/09 00:22 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 00:22 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:26 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 14:33 / cp
Manganese	0.11	mg/L		0.01		E200.7	06/15/09 14:33 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-003
Client Sample ID: M-126

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	454	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha precision (±)	9.3	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta	108	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Radium 226	1.9	pCi/L				E903.0	06/09/09 15:12 / jah
Radium 226 precision (±)	0.29	pCi/L				E903.0	06/09/09 15:12 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/09/09 15:12 / jah
Radium 228	0.9	pCi/L	U			RA-05	06/02/09 09:28 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/02/09 09:28 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.57	%				Calculation	06/15/09 12:38 / kbh
Anions	4.93	meq/L				Calculation	06/15/09 12:38 / kbh
Cations	4.68	meq/L				Calculation	06/15/09 12:38 / kbh
Solids, Total Dissolved Calculated	320	mg/L				Calculation	06/15/09 12:38 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/15/09 12:38 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-004
Client Sample ID: M-125

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	05/23/09 12:49 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 12:49 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	05/23/09 12:49 / ljl
Calcium	75	mg/L		1		E200.7	06/08/09 21:15 / aae
Chloride	5	mg/L		1		E300.0	05/27/09 06:44 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 13:54 / ljl
Magnesium	3	mg/L		1		E200.7	06/09/09 23:35 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:31 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.05	mg/L		0.05		E353.2	05/22/09 13:06 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 21:15 / aae
Silica	14.3	mg/L		0.2		E200.8	06/08/09 22:15 / sml
Sodium	33	mg/L		1		E200.7	06/08/09 21:15 / aae
Sulfate	149	mg/L		1		E300.0	05/27/09 06:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	514	umhos/cm		1		A2510 B	05/21/09 10:51 / dd
pH	8.01	s.u.		0.01		A4500-H B	05/21/09 10:51 / dd
Solids, Total Dissolved TDS @ 180 C	362	mg/L		10		A2540 C	05/21/09 11:22 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 22:15 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 00:56 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 00:56 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 22:15 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 00:56 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 00:56 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 00:56 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 22:15 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 00:56 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/23/09 00:56 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 00:56 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 00:56 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 00:56 / ts
Selenium	0.012	mg/L		0.001		E200.8	05/23/09 00:56 / ts
Uranium	0.297	mg/L		0.0003		E200.8	05/23/09 00:56 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 00:56 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:33 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 14:37 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 14:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-004
Client Sample ID: M-125

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	400	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha precision (±)	9.1	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta	90.1	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/11/09 11:00 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/11/09 11:00 / cgr
Radium 226	2.3	pCi/L				E903.0	06/09/09 16:43 / jah
Radium 226 precision (±)	0.31	pCi/L				E903.0	06/09/09 16:43 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/09/09 16:43 / jah
Radium 228	2.3	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/02/09 09:28 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/02/09 09:28 / plj
DATA QUALITY							
A/C Balance (± 5)	0.708	%				Calculation	06/15/09 12:39 / kbh
Anions	5.47	meq/L				Calculation	06/15/09 12:39 / kbh
Cations	5.55	meq/L				Calculation	06/15/09 12:39 / kbh
Solids, Total Dissolved Calculated	355	mg/L				Calculation	06/15/09 12:39 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/15/09 12:39 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-005
Client Sample ID: M-124

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	05/23/09 13:04 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:04 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	05/23/09 13:04 / ljl
Calcium	60	mg/L		1		E200.7	06/08/09 21:20 / aae
Chloride	4	mg/L		1		E300.0	05/27/09 07:00 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 13:56 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 23:41 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 12:39 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 21:20 / aae
Silica	14.8	mg/L		0.2		E200.8	06/08/09 22:50 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 21:20 / aae
Sulfate	107	mg/L		1		E300.0	05/27/09 07:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	434	umhos/cm		1		A2510 B	05/21/09 10:53 / dd
pH	8.40	s.u.		0.01		A4500-H B	05/21/09 10:53 / dd
Solids, Total Dissolved TDS @ 180 C	311	mg/L		10		A2540 C	05/21/09 11:22 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 22:50 / sml
Arsenic	0.002	mg/L		0.001		E200.8	05/23/09 01:03 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:03 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 22:50 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:03 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:03 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:03 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 22:50 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 01:03 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 01:03 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:03 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:03 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:03 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 01:03 / ts
Uranium	0.0517	mg/L		0.0003		E200.8	05/23/09 01:03 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:03 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:40 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 14:41 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 14:41 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-005
Client Sample ID: M-124

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	61.7	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha precision (±)	3.6	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta	25.1	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/23/09 03:21 / cgr
Radium 226	1.3	pCi/L				E903.0	06/06/09 23:24 / jah
Radium 226 precision (±)	0.24	pCi/L				E903.0	06/06/09 23:24 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/06/09 23:24 / jah
Radium 228	1.4	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/01/09 12:24 / plj
DATA QUALITY							
A/C Balance (± 5)	0.170	%				Calculation	06/15/09 12:40 / kbh
Anions	4.60	meq/L				Calculation	06/15/09 12:40 / kbh
Cations	4.62	meq/L				Calculation	06/15/09 12:40 / kbh
Solids, Total Dissolved Calculated	296	mg/L				Calculation	06/15/09 12:40 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/15/09 12:40 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-006
Client Sample ID: M-123

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	117	mg/L		1		A2320 B	05/23/09 13:12 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:12 / ljl
Bicarbonate as HCO3	142	mg/L		1		A2320 B	05/23/09 13:12 / ljl
Calcium	61	mg/L		1		E200.7	06/08/09 21:54 / aae
Chloride	5	mg/L		1		E300.0	05/27/09 07:15 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 13:59 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 23:46 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 13:07 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 21:54 / aae
Silica	15.1	mg/L		0.2		E200.8	06/08/09 22:56 / sml
Sodium	33	mg/L		1		E200.7	06/08/09 21:54 / aae
Sulfate	120	mg/L		1		E300.0	05/27/09 07:15 / ljl
PHYSICAL PROPERTIES							
Conductivity	456	umhos/cm		1		A2510 B	05/21/09 10:55 / dd
pH	8.21	s.u.		0.01		A4500-H B	05/21/09 10:55 / dd
Solids, Total Dissolved TDS @ 180 C	326	mg/L		10		A2540 C	05/21/09 11:23 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 22:56 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 01:09 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:09 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 22:56 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:09 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:09 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:09 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 22:56 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 01:09 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/23/09 01:09 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:09 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:09 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:09 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 01:09 / ts
Uranium	0.0141	mg/L		0.0003		E200.8	05/23/09 01:09 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:09 / ts
Zinc	0.05	mg/L		0.01		E200.7	06/08/09 21:54 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 15:34 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/15/09 15:34 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-006
Client Sample ID: M-123

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	36.2	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	11.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	2.8	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 precision (±)	0.34	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 228	1.9	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/01/09 12:24 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.38	%				Calculation	06/15/09 12:41 / kbh
Anions	4.99	meq/L				Calculation	06/15/09 12:41 / kbh
Cations	4.76	meq/L				Calculation	06/15/09 12:41 / kbh
Solids, Total Dissolved Calculated	316	mg/L				Calculation	06/15/09 12:41 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/15/09 12:41 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-007
Client Sample ID: M-122

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/23/09 13:19 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:19 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	05/23/09 13:19 / ljl
Calcium	59	mg/L		1		E200.7	06/08/09 22:00 / aae
Chloride	4	mg/L		1		E300.0	05/27/09 07:30 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 14:02 / ljl
Magnesium	3	mg/L		1		E200.7	06/10/09 00:03 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 13:09 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 22:00 / aae
Silica	15.0	mg/L		0.2		E200.8	06/08/09 23:03 / sml
Sodium	35	mg/L		1		E200.7	06/08/09 22:00 / aae
Sulfate	124	mg/L		1		E300.0	05/27/09 07:30 / ljl
PHYSICAL PROPERTIES							
Conductivity	469	umhos/cm		1		A2510 B	05/21/09 10:58 / dd
pH	8.08	s.u.		0.01		A4500-H B	05/21/09 10:58 / dd
Solids, Total Dissolved TDS @ 180 C	334	mg/L		10		A2540 C	05/21/09 11:23 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 23:03 / sml
Arsenic	0.002	mg/L		0.001		E200.8	05/23/09 01:30 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:30 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 23:03 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:30 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:30 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:30 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 23:03 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 01:30 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/23/09 01:30 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:30 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:30 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 01:30 / ts
Uranium	0.0470	mg/L		0.0003		E200.8	05/23/09 01:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:30 / ts
Zinc	0.05	mg/L		0.01		E200.7	06/08/09 22:00 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 15:38 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/15/09 15:38 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-007
Client Sample ID: M-122

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	78.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	4.2	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	24.7	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	8.0	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 precision (±)	0.56	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 228	1.5	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/01/09 12:24 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.99	%				Calculation	06/15/09 12:42 / kbh
Anions	5.00	meq/L				Calculation	06/15/09 12:42 / kbh
Cations	4.80	meq/L				Calculation	06/15/09 12:42 / kbh
Solids, Total Dissolved Calculated	317	mg/L				Calculation	06/15/09 12:42 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/15/09 12:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-008
Client Sample ID: M-119

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/23/09 13:27 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:27 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	05/23/09 13:27 / ljl
Calcium	58	mg/L		1		E200.7	06/08/09 22:05 / aae
Chloride	4	mg/L		1		E300.0	05/27/09 07:46 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 14:05 / ljl
Magnesium	3	mg/L		1		E200.7	06/10/09 00:08 / aae
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	05/26/09 08:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:37 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 22:05 / aae
Silica	14.4	mg/L		0.2		E200.8	06/08/09 23:10 / sml
Sodium	35	mg/L		1		E200.7	06/08/09 22:05 / aae
Sulfate	126	mg/L		1		E300.0	05/27/09 07:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	472	umhos/cm		1		A2510 B	05/21/09 11:00 / dd
pH	8.06	s.u.		0.01		A4500-H B	05/21/09 11:00 / dd
Solids, Total Dissolved TDS @ 180 C	331	mg/L		10		A2540 C	05/21/09 11:23 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 23:10 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 01:36 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:36 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 23:10 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:36 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 23:10 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 01:36 / ts
Manganese	0.04	mg/L		0.01		E200.8	05/23/09 01:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:36 / ts
Selenium	0.001	mg/L		0.001		E200.8	05/23/09 01:36 / ts
Uranium	0.0768	mg/L		0.0003		E200.8	05/23/09 01:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:36 / ts
Zinc	0.05	mg/L		0.01		E200.7	06/08/09 22:05 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 15:42 / cp
Manganese	0.04	mg/L		0.01		E200.7	06/15/09 15:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-008
Client Sample ID: M-119

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	122	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	5.2	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	27.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	1.1	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 precision (±)	0.22	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/07/09 00:57 / jah
Radium 228	1.7	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 precision (±)	0.6	pCi/L				RA-05	06/01/09 12:24 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/01/09 12:24 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.72	%				Calculation	06/15/09 12:43 / kbh
Anions	5.02	meq/L				Calculation	06/15/09 12:43 / kbh
Cations	4.76	meq/L				Calculation	06/15/09 12:43 / kbh
Solids, Total Dissolved Calculated	318	mg/L				Calculation	06/15/09 12:43 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/15/09 12:43 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-009
Client Sample ID: MP-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/23/09 13:34 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:34 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	05/23/09 13:34 / ljl
Calcium	54	mg/L		1		E200.7	06/16/09 13:49 / aae
Chloride	5	mg/L		1		E300.0	05/27/09 08:47 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/21/09 14:08 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 13:49 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:40 / eli-b
Potassium	10	mg/L		1		E200.7	06/16/09 13:49 / aae
Silica	13.6	mg/L		0.2		E200.8	06/08/09 23:17 / sml
Sodium	34	mg/L		1		E200.7	06/16/09 13:49 / aae
Sulfate	129	mg/L		1		E300.0	05/27/09 08:47 / ljl
PHYSICAL PROPERTIES							
Conductivity	466	umhos/cm		1		A2510 B	05/21/09 11:04 / dd
pH	8.26	s.u.		0.01		A4500-H B	05/21/09 11:04 / dd
Solids, Total Dissolved TDS @ 180 C	328	mg/L		10		A2540 C	05/21/09 13:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 23:17 / sml
Arsenic	0.005	mg/L		0.001		E200.8	05/23/09 01:43 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:43 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 23:17 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:43 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 23:17 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 01:43 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 01:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:43 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 01:43 / ts
Uranium	0.254	mg/L		0.0003		E200.8	05/23/09 01:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:43 / ts
Zinc	0.04	mg/L		0.01		E200.7	06/08/09 22:16 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 15:46 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 15:46 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-009
Client Sample ID: MP-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1690	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	18.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	507	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	5.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	675	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	4.9	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	5.9	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.35	%				Calculation	06/18/09 07:50 / kbh
Anions	4.94	meq/L				Calculation	06/18/09 07:50 / kbh
Cations	4.62	meq/L				Calculation	06/18/09 07:50 / kbh
Solids, Total Dissolved Calculated	315	mg/L				Calculation	06/18/09 07:50 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/18/09 07:50 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-010
Client Sample ID: MO-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	95	mg/L		1		A2320 B	05/23/09 13:41 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:41 / ljl
Bicarbonate as HCO3	115	mg/L		1		A2320 B	05/23/09 13:41 / ljl
Calcium	47	mg/L		1		E200.7	06/08/09 22:21 / aae
Chloride	7	mg/L		1		E300.0	05/27/09 09:34 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:10 / ljl
Magnesium	1	mg/L		1		E200.7	06/10/09 00:42 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	05/22/09 14:42 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 22:21 / aae
Silica	11.7	mg/L		0.2		E200.8	06/08/09 23:23 / sml
Sodium	33	mg/L		1		E200.7	06/08/09 22:21 / aae
Sulfate	99	mg/L		1		E300.0	05/27/09 09:34 / ljl
PHYSICAL PROPERTIES							
Conductivity	398	umhos/cm		1		A2510 B	05/21/09 11:06 / dd
pH	8.57	s.u.		0.01		A4500-H B	05/21/09 11:06 / dd
Solids, Total Dissolved TDS @ 180 C	283	mg/L		10		A2540 C	05/21/09 13:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 23:23 / sml
Arsenic	0.002	mg/L		0.001		E200.8	05/23/09 01:50 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 01:50 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 23:23 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 01:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 01:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 01:50 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 23:23 / sml
Lead	0.002	mg/L		0.001		E200.8	05/23/09 01:50 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 01:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 01:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 01:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 01:50 / ts
Selenium	0.019	mg/L		0.001		E200.8	05/23/09 01:50 / ts
Uranium	0.302	mg/L		0.0003		E200.8	05/23/09 01:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 01:50 / ts
Zinc	0.04	mg/L		0.01		E200.7	06/08/09 22:21 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 15:50 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 15:50 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-010
Client Sample ID: MO-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	319	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha precision (±)	7.1	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta	98.8	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	07/07/09 01:20 / cgr
Radium 226	2.5	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	0.32	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	2.5	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.15	%				Calculation	06/15/09 12:47 / kbh
Anions	4.19	meq/L				Calculation	06/15/09 12:47 / kbh
Cations	4.01	meq/L				Calculation	06/15/09 12:47 / kbh
Solids, Total Dissolved Calculated	265	mg/L				Calculation	06/15/09 12:47 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/15/09 12:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-011
Client Sample ID: MU-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	32	mg/L	B	1		A2320 B	05/23/09 13:48 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	05/23/09 13:48 / ljl
Bicarbonate as HCO3	22	mg/L	B	1		A2320 B	05/23/09 13:48 / ljl
Calcium	24	mg/L		1		E200.7	06/08/09 22:27 / aae
Chloride	8	mg/L		1		E300.0	05/27/09 09:49 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:19 / ljl
Magnesium	ND	mg/L		1		E200.7	06/10/09 00:47 / aae
Nitrogen, Ammonia as N	0.15	mg/L		0.05		E350.1	05/26/09 08:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:43 / eli-b
Potassium	12	mg/L		1		E200.7	06/08/09 22:27 / aae
Silica	13.0	mg/L		0.2		E200.8	06/09/09 00:18 / sml
Sodium	35	mg/L		1		E200.7	06/08/09 22:27 / aae
Sulfate	106	mg/L		1		E300.0	05/27/09 09:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	337	umhos/cm		1		A2510 B	05/21/09 11:08 / dd
pH	9.75	s.u.		0.01		A4500-H B	05/21/09 11:08 / dd
Solids, Total Dissolved TDS @ 180 C	242	mg/L		10		A2540 C	05/21/09 13:10 / rp
METALS - DISSOLVED							
Aluminum	0.1	mg/L		0.1		E200.8	06/09/09 00:18 / sml
Arsenic	0.021	mg/L		0.001		E200.8	05/23/09 02:24 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 02:24 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:18 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 02:24 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 02:24 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 02:24 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:18 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 02:24 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 02:24 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 02:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 02:24 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 02:24 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 02:24 / ts
Uranium	0.0683	mg/L		0.0003		E200.8	05/23/09 02:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 02:24 / ts
Zinc	0.03	mg/L		0.01		E200.7	06/08/09 22:27 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:02 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:02 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-011
Client Sample ID: MU-110

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	92.2	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	4.4	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	33.5	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	2.5	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	0.33	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	4.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.171	%				Calculation	06/15/09 12:48 / kbh
Anions	3.10	meq/L				Calculation	06/15/09 12:48 / kbh
Cations	3.09	meq/L				Calculation	06/15/09 12:48 / kbh
Solids, Total Dissolved Calculated	222	mg/L				Calculation	06/15/09 12:48 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/15/09 12:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-012
Client Sample ID: MO-111

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	91	mg/L		1		A2320 B	05/23/09 13:55 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 13:55 / ljl
Bicarbonate as HCO3	111	mg/L		1		A2320 B	05/23/09 13:55 / ljl
Calcium	45	mg/L		1		E200.7	06/08/09 22:32 / aae
Chloride	6	mg/L		1		E300.0	05/27/09 10:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:34 / ljl
Magnesium	2	mg/L		1		E200.7	06/10/09 00:53 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	05/22/09 14:44 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 22:32 / aae
Silica	12.7	mg/L		0.2		E200.8	06/09/09 00:25 / sml
Sodium	31	mg/L		1		E200.7	06/08/09 22:32 / aae
Sulfate	94	mg/L		1		E300.0	05/27/09 10:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	380	umhos/cm		1		A2510 B	05/21/09 11:10 / dd
pH	8.15	s.u.		0.01		A4500-H B	05/21/09 11:10 / dd
Solids, Total Dissolved TDS @ 180 C	265	mg/L		10		A2540 C	05/21/09 13:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 00:25 / sml
Arsenic	0.002	mg/L		0.001		E200.8	05/23/09 02:31 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 02:31 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:25 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 02:31 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 02:31 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 02:31 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:25 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 02:31 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 02:31 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 02:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 02:31 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 02:31 / ts
Selenium	0.021	mg/L		0.001		E200.8	05/23/09 02:31 / ts
Uranium	0.288	mg/L		0.0003		E200.8	05/23/09 02:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 02:31 / ts
Zinc	0.06	mg/L		0.01		E200.7	06/08/09 22:32 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:22 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:22 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-012
Client Sample ID: MO-111

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	298	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha precision (±)	6.9	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta	136	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	07/07/09 01:20 / cgr
Radium 226	5.5	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	0.51	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	2.5	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.7	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.64	%				Calculation	06/15/09 12:49 / kbh
Anions	3.98	meq/L				Calculation	06/15/09 12:49 / kbh
Cations	3.85	meq/L				Calculation	06/15/09 12:49 / kbh
Solids, Total Dissolved Calculated	253	mg/L				Calculation	06/15/09 12:49 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/15/09 12:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-013
Client Sample ID: MU-111

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	75	mg/L		1		A2320 B	05/23/09 14:17 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	05/23/09 14:17 / ljl
Bicarbonate as HCO3	89	mg/L		1		A2320 B	05/23/09 14:17 / ljl
Calcium	47	mg/L		1		E200.7	06/08/09 22:38 / aae
Chloride	7	mg/L		1		E300.0	05/27/09 10:20 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:37 / ljl
Magnesium	1	mg/L		1		E200.7	06/10/09 00:58 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:45 / eli-b
Potassium	13	mg/L		1		E200.7	06/08/09 22:38 / aae
Silica	12.7	mg/L		0.2		E200.8	06/09/09 00:32 / sml
Sodium	38	mg/L		1		E200.7	06/08/09 22:38 / aae
Sulfate	133	mg/L		1		E300.0	05/27/09 10:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	449	umhos/cm		1		A2510 B	05/21/09 11:12 / dd
pH	8.88	s.u.		0.01		A4500-H B	05/21/09 11:12 / dd
Solids, Total Dissolved TDS @ 180 C	311	mg/L		10		A2540 C	05/21/09 13:11 / rp
METALS - DISSOLVED							
Aluminum	0.1	mg/L		0.1		E200.8	06/09/09 00:32 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 04:13 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 04:13 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:32 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 04:13 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 04:13 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 04:13 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:32 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 04:13 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 04:13 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 04:13 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 04:13 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 04:13 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 04:13 / ts
Uranium	0.0305	mg/L		0.0003		E200.8	05/23/09 04:13 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 04:13 / ts
Zinc	0.04	mg/L		0.01		E200.7	06/08/09 22:38 / aae
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:26 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:26 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-013
Client Sample ID: MU-111

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	233	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	6.9	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	91.5	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	109	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	1.9	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.16	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	6.2	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.0922	%				Calculation	06/15/09 12:49 / kbh
Anions	4.48	meq/L				Calculation	06/15/09 12:49 / kbh
Cations	4.47	meq/L				Calculation	06/15/09 12:49 / kbh
Solids, Total Dissolved Calculated	302	mg/L				Calculation	06/15/09 12:49 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/15/09 12:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-014
Client Sample ID: MO-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	73	mg/L		1		A2320 B	05/23/09 14:24 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/23/09 14:24 / ljl
Bicarbonate as HCO3	81	mg/L		1		A2320 B	05/23/09 14:24 / ljl
Calcium	38	mg/L		1		E200.7	06/15/09 11:33 / cp
Chloride	7	mg/L		1		E300.0	05/27/09 10:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:40 / ljl
Magnesium	2	mg/L		1		E200.7	06/15/09 11:33 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.33	mg/L		0.05		E353.2	05/22/09 14:46 / eli-b
Potassium	2	mg/L		1		E200.7	06/15/09 11:33 / cp
Silica	14.2	mg/L		0.2		E200.8	06/09/09 00:38 / sml
Sodium	26	mg/L		1		E200.7	06/15/09 11:33 / cp
Sulfate	82	mg/L		1		E300.0	05/27/09 10:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	329	umhos/cm		1		A2510 B	05/21/09 11:14 / dd
pH	8.88	s.u.		0.01		A4500-H B	05/21/09 11:14 / dd
Solids, Total Dissolved TDS @ 180 C	229	mg/L		10		A2540 C	05/21/09 13:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 00:38 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 04:20 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 04:20 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:38 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 04:20 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 04:20 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 04:20 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:38 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 04:20 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 04:20 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 04:20 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 04:20 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 04:20 / ts
Selenium	0.030	mg/L		0.001		E200.8	05/23/09 04:20 / ts
Uranium	0.312	mg/L		0.0003		E200.8	05/23/09 04:20 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 04:20 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:46 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:30 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:30 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-014
Client Sample ID: MO-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	287	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha precision (±)	6.5	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta	110	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	07/07/09 01:20 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	07/07/09 01:20 / cgr
Radium 226	1.3	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	0.28	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	0.7	pCi/L	U			RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.9	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.09	%				Calculation	06/18/09 07:51 / kbh
Anions	3.40	meq/L				Calculation	06/18/09 07:51 / kbh
Cations	3.26	meq/L				Calculation	06/18/09 07:51 / kbh
Solids, Total Dissolved Calculated	225	mg/L				Calculation	06/18/09 07:51 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/18/09 07:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-015
Client Sample ID: MP-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	33	mg/L	B	1		A2320 B	05/23/09 14:55 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 14:55 / ljl
Bicarbonate as HCO3	41	mg/L	B	1		A2320 B	05/23/09 14:55 / ljl
Calcium	33	mg/L		1		E200.7	06/15/09 11:49 / cp
Chloride	7	mg/L		1		E300.0	05/27/09 10:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:43 / ljl
Magnesium	ND	mg/L		1		E200.7	06/15/09 11:49 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:47 / eli-b
Potassium	10	mg/L		1		E200.7	06/15/09 11:49 / cp
Silica	11.6	mg/L		0.2		E200.8	06/09/09 00:45 / sml
Sodium	36	mg/L		1		E200.7	06/15/09 11:49 / cp
Sulfate	126	mg/L		1		E300.0	05/27/09 10:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	367	umhos/cm		1		A2510 B	05/21/09 11:16 / dd
pH	9.21	s.u.		0.01		A4500-H B	05/21/09 11:16 / dd
Solids, Total Dissolved TDS @ 180 C	257	mg/L		10		A2540 C	05/21/09 13:12 / rp
METALS - DISSOLVED							
Aluminum	0.2	mg/L		0.1		E200.8	06/09/09 00:45 / sml
Arsenic	0.027	mg/L		0.001		E200.8	05/23/09 04:26 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 04:26 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:45 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 04:26 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 04:26 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 04:26 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:45 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 04:26 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 04:26 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 04:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 04:26 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 04:26 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 04:26 / ts
Uranium	0.408	mg/L		0.0003		E200.8	05/23/09 04:26 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 04:26 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 17:53 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:34 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:34 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-015
Client Sample ID: MP-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	885	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	13.4	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	261	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	127	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 precision (±)	2.2	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/07/09 22:01 / jah
Radium 228	2.4	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.338	%				Calculation	06/18/09 07:52 / kbh
Anions	3.49	meq/L				Calculation	06/18/09 07:52 / kbh
Cations	3.46	meq/L				Calculation	06/18/09 07:52 / kbh
Solids, Total Dissolved Calculated	249	mg/L				Calculation	06/18/09 07:52 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/18/09 07:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-016
Client Sample ID: MU-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	55	mg/L		1		A2320 B	05/23/09 15:02 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	05/23/09 15:02 / ljl
Bicarbonate as HCO3	65	mg/L		1		A2320 B	05/23/09 15:02 / ljl
Calcium	43	mg/L		1		E200.7	06/15/09 11:53 / cp
Chloride	11	mg/L		1		E300.0	05/27/09 11:06 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:45 / ljl
Magnesium	ND	mg/L		1		E200.7	06/15/09 11:53 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:52 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 14:49 / eli-b
Potassium	10	mg/L		1		E200.7	06/15/09 11:53 / cp
Silica	13.7	mg/L		0.2		E200.8	06/09/09 00:52 / sml
Sodium	34	mg/L		1		E200.7	06/15/09 11:53 / cp
Sulfate	116	mg/L		1		E300.0	05/27/09 11:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	393	umhos/cm		1		A2510 B	05/21/09 11:17 / dd
pH	9.07	s.u.		0.01		A4500-H B	05/21/09 11:17 / dd
Solids, Total Dissolved TDS @ 180 C	278	mg/L		10		A2540 C	05/21/09 13:13 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 00:52 / sml
Arsenic	0.009	mg/L		0.001		E200.8	05/23/09 04:33 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 04:33 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:52 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 04:33 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 04:33 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 04:33 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:52 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 04:33 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 04:33 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 04:33 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 04:33 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 04:33 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 04:33 / ts
Uranium	0.0065	mg/L		0.0003		E200.8	05/23/09 04:33 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 04:33 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 18:00 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:38 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:38 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-016
Client Sample ID: MU-112

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	22.0	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha precision (±)	2.3	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta	14.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/12/09 01:30 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 01:30 / cgr
Radium 226	1.8	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 precision (±)	0.28	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 228	3.3	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	1.42	%				Calculation	06/18/09 07:53 / kbh
Anions	3.84	meq/L				Calculation	06/18/09 07:53 / kbh
Cations	3.95	meq/L				Calculation	06/18/09 07:53 / kbh
Solids, Total Dissolved Calculated	269	mg/L				Calculation	06/18/09 07:53 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/18/09 07:53 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-017
Client Sample ID: MO-113

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	05/23/09 15:09 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 15:09 / ljl
Bicarbonate as HCO3	127	mg/L		1		A2320 B	05/23/09 15:09 / ljl
Calcium	50	mg/L		1		E200.7	06/10/09 01:49 / aae
Chloride	6	mg/L		1		E300.0	05/27/09 11:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:48 / ljl
Magnesium	3	mg/L		1		E200.7	06/10/09 01:49 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.15	mg/L		0.05		E353.2	05/22/09 14:59 / eli-b
Potassium	2	mg/L		1		E200.7	06/10/09 01:49 / aae
Silica	13.1	mg/L		0.2		E200.8	06/09/09 00:59 / sml
Sodium	30	mg/L		1		E200.7	06/10/09 01:49 / aae
Sulfate	101	mg/L		1		E300.0	05/27/09 11:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	418	umhos/cm		1		A2510 B	05/21/09 11:20 / dd
pH	8.10	s.u.		0.01		A4500-H B	05/21/09 11:20 / dd
Solids, Total Dissolved TDS @ 180 C	299	mg/L		10		A2540 C	05/21/09 13:13 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 00:59 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 04:53 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 04:53 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 00:59 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 04:53 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 04:53 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 04:53 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 00:59 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 04:53 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 04:53 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 04:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 04:53 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 04:53 / ts
Selenium	0.040	mg/L		0.001		E200.8	05/23/09 04:53 / ts
Uranium	0.581	mg/L		0.0003		E200.8	05/23/09 04:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 04:53 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 18:07 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:42 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-017
Client Sample ID: MO-113

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	568	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha precision (±)	10.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta	175	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Radium 226	37	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 228	1.5	pCi/L	U			RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.94	%				Calculation	06/15/09 12:55 / kbh
Anions	4.38	meq/L				Calculation	06/15/09 12:55 / kbh
Cations	4.04	meq/L				Calculation	06/15/09 12:55 / kbh
Solids, Total Dissolved Calculated	255	mg/L				Calculation	06/15/09 12:55 / kbh
TDS Balance (0.80 - 1.20)	1.17					Calculation	06/15/09 12:55 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-018
Client Sample ID: MU-113

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	75	mg/L		1		A2320 B	05/23/09 15:17 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/23/09 15:17 / ljl
Bicarbonate as HCO3	81	mg/L		1		A2320 B	05/23/09 15:17 / ljl
Calcium	52	mg/L		1		E200.7	06/15/09 12:01 / cp
Chloride	9	mg/L		1		E300.0	05/27/09 11:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:51 / ljl
Magnesium	ND	mg/L		1		E200.7	06/15/09 12:01 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 15:01 / eli-b
Potassium	10	mg/L		1		E200.7	06/15/09 12:01 / cp
Silica	12.5	mg/L		0.2		E200.8	06/09/09 01:05 / sml
Sodium	31	mg/L		1		E200.7	06/15/09 12:01 / cp
Sulfate	118	mg/L		1		E300.0	05/27/09 11:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	424	umhos/cm		1		A2510 B	05/21/09 11:21 / dd
pH	9.17	s.u.		0.01		A4500-H B	05/21/09 11:21 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	05/21/09 13:13 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 01:05 / sml
Arsenic	0.018	mg/L		0.001		E200.8	05/23/09 05:00 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 05:00 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 01:05 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 05:00 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 05:00 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 05:00 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 01:05 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 05:00 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 05:00 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 05:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 05:00 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 05:00 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 05:00 / ts
Uranium	0.0216	mg/L		0.0003		E200.8	05/23/09 05:00 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 05:00 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 18:41 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:46 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:46 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-018
Client Sample ID: MU-113

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	39.2	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta	18.8	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Radium 226	2.6	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 precision (±)	0.32	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/08/09 00:01 / jah
Radium 228	4.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/01/09 14:32 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/01/09 14:32 / plj
DATA QUALITY							
A/C Balance (± 5)	0.912	%				Calculation	06/18/09 07:54 / kbh
Anions	4.22	meq/L				Calculation	06/18/09 07:54 / kbh
Cations	4.30	meq/L				Calculation	06/18/09 07:54 / kbh
Solids, Total Dissolved Calculated	286	mg/L				Calculation	06/18/09 07:54 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	06/18/09 07:54 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-019
Client Sample ID: M-131

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	96	mg/L		1		A2320 B	05/23/09 15:24 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	05/23/09 15:24 / ljl
Bicarbonate as HCO3	113	mg/L		1		A2320 B	05/23/09 15:24 / ljl
Calcium	50	mg/L		1		E200.7	06/15/09 12:05 / cp
Chloride	7	mg/L		1		E300.0	05/27/09 12:23 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/21/09 14:54 / ljl
Magnesium	2	mg/L		1		E200.7	06/15/09 12:05 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:58 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	05/22/09 15:02 / eli-b
Potassium	4	mg/L		1		E200.7	06/15/09 12:05 / cp
Silica	11.8	mg/L		0.2		E200.8	06/09/09 01:12 / sml
Sodium	31	mg/L		1		E200.7	06/15/09 12:05 / cp
Sulfate	98	mg/L		1		E300.0	05/27/09 12:23 / ljl
PHYSICAL PROPERTIES							
Conductivity	399	umhos/cm		1		A2510 B	05/21/09 11:35 / dd
pH	8.50	s.u.		0.01		A4500-H B	05/21/09 11:35 / dd
Solids, Total Dissolved TDS @ 180 C	290	mg/L		10		A2540 C	05/21/09 13:14 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 01:12 / sml
Arsenic	0.001	mg/L		0.001		E200.8	05/23/09 05:07 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 05:07 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 01:12 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 05:07 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 05:07 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 05:07 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 01:12 / sml
Lead	0.002	mg/L		0.001		E200.8	05/23/09 05:07 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 05:07 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 05:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 05:07 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 05:07 / ts
Selenium	0.018	mg/L		0.001		E200.8	05/23/09 05:07 / ts
Uranium	0.292	mg/L		0.0003		E200.8	05/23/09 05:07 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 05:07 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 20:37 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:51 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:51 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-019
Client Sample ID: M-131

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	306	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha precision (±)	7.7	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta	75.9	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Radium 226	2.7	pCi/L				E903.0	06/07/09 21:58 / jah
Radium 226 precision (±)	0.36	pCi/L				E903.0	06/07/09 21:58 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/07/09 21:58 / jah
Radium 228	1.2	pCi/L	U			RA-05	06/02/09 11:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/02/09 11:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/02/09 11:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.72	%				Calculation	06/18/09 07:55 / kbh
Anions	4.17	meq/L				Calculation	06/18/09 07:55 / kbh
Cations	4.03	meq/L				Calculation	06/18/09 07:55 / kbh
Solids, Total Dissolved Calculated	267	mg/L				Calculation	06/18/09 07:55 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/18/09 07:55 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-020
Client Sample ID: M-132

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	1	mg/L	B	1		A2320 B	05/23/09 15:29 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 15:29 / ljl
Bicarbonate as HCO3	1	mg/L	B	1		A2320 B	05/23/09 15:29 / ljl
Calcium	ND	mg/L		1		E200.7	06/10/09 02:05 / aae
Chloride	ND	mg/L		1		E300.0	05/27/09 12:39 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/21/09 15:01 / ljl
Magnesium	ND	mg/L		1		E200.7	06/10/09 02:05 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 08:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/22/09 15:03 / eli-b
Potassium	ND	mg/L		1		E200.7	06/10/09 02:05 / aae
Silica	ND	mg/L		0.2		E200.8	06/09/09 01:46 / sml
Sodium	ND	mg/L		1		E200.7	06/10/09 02:05 / aae
Sulfate	ND	mg/L		1		E300.0	05/27/09 12:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	05/21/09 11:41 / dd
pH	6.00	s.u.		0.01		A4500-H B	05/21/09 11:41 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/21/09 13:14 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 01:46 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 05:41 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 05:41 / ts
Boron	ND	mg/L		0.1		E200.8	06/09/09 01:46 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 05:41 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 05:41 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 05:41 / ts
Iron	ND	mg/L		0.03		E200.8	06/09/09 01:46 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 05:41 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 05:41 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 05:41 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 05:41 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 05:41 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 05:41 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/23/09 05:41 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 05:41 / ts
Zinc	ND	mg/L		0.01		E200.8	06/15/09 20:44 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/15/09 16:55 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/09 16:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050629-020
Client Sample ID: M-132

Report Date: 07/11/09
Collection Date: 05/19/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.7	pCi/L	U			E900.0	06/12/09 13:34 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Alpha MDC	0.9	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta	-0.7	pCi/L	U			E900.0	06/12/09 13:34 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/12/09 13:34 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/12/09 13:34 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	06/07/09 21:58 / jah
Radium 226 precision (±)	0.08	pCi/L				E903.0	06/07/09 21:58 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/07/09 21:58 / jah
Radium 228	0.2	pCi/L	U			RA-05	06/02/09 11:50 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/02/09 11:50 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/02/09 11:50 / plj
DATA QUALITY							
A/C Balance (± 5)	-77.1	%				Calculation	06/15/09 12:59 / kbh
Anions	0.0224	meq/L				Calculation	06/15/09 12:59 / kbh
Cations	0.00290	meq/L				Calculation	06/15/09 12:59 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R118567
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090523A				05/23/09 10:56
Alkalinity, Total as CaCO3		4	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		5	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090523A				05/23/09 11:11
Alkalinity, Total as CaCO3		205	mg/L	5.0	100	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090523A				05/23/09 11:18
Alkalinity, Total as CaCO3		52.6	mg/L	5.0	97	90	110			
Sample ID: C09050629-002AMS		Sample Matrix Spike				Run: MANTECH_090523A				05/23/09 12:27
Alkalinity, Total as CaCO3		232	mg/L	5.0	99	80	120			
Sample ID: C09050629-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090523A				05/23/09 12:35
Alkalinity, Total as CaCO3		232	mg/L	5.0	99	80	120	0.2	20	
Sample ID: C09050629-012AMS		Sample Matrix Spike				Run: MANTECH_090523A				05/23/09 14:03
Alkalinity, Total as CaCO3		207	mg/L	5.0	93	80	120			
Sample ID: C09050629-012AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090523A				05/23/09 14:10
Alkalinity, Total as CaCO3		207	mg/L	5.0	93	80	120	0.1	20	
Method: A2510 B										Analytical Run: ORION555A_090521A
Sample ID: ICV2_090521_1		Initial Calibration Verification Standard								05/21/09 10:35
Conductivity		1420	umhos/cm	1.0	100	90	110			
Method: A2510 B										Batch: 090521_1_PH-W_555A-2
Sample ID: MBLK1_090521_1		Method Blank				Run: ORION555A_090521A				05/21/09 10:30
Conductivity		0.7	umhos/cm	0.2						
Sample ID: C09050629-008ADUP		Sample Duplicate				Run: ORION555A_090521A				05/21/09 11:02
Conductivity		472	umhos/cm	1.0				0	10	
Sample ID: C09050629-018ADUP		Sample Duplicate				Run: ORION555A_090521A				05/21/09 11:23
Conductivity		426	umhos/cm	1.0				0.5	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090521_1_SLDS-TDS-W	
Sample ID: MBLK1_090521		Method Blank				Run: BAL-1_090521A			05/21/09 11:19	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090521		Laboratory Control Sample				Run: BAL-1_090521A			05/21/09 11:19	
Solids, Total Dissolved TDS @ 180 C		1040	mg/L	10	104	90	110			
Sample ID: C09050629-005AMS		Sample Matrix Spike				Run: BAL-1_090521A			05/21/09 11:22	
Solids, Total Dissolved TDS @ 180 C		2350	mg/L	10	102	90	110			
Sample ID: C09050629-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090521A			05/21/09 11:23	
Solids, Total Dissolved TDS @ 180 C		2330	mg/L	10	101	90	110	0.8	10	
Sample ID: C09050629-015AMS		Sample Matrix Spike				Run: BAL-1_090521A			05/21/09 13:12	
Solids, Total Dissolved TDS @ 180 C		2290	mg/L	10	102	90	110			
Sample ID: C09050629-015AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090521A			05/21/09 13:12	
Solids, Total Dissolved TDS @ 180 C		2300	mg/L	10	102	90	110	0.3	10	
Method: A4500-F C									Batch: R118489	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090521A			05/21/09 09:39	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090521A			05/21/09 09:45	
Fluoride		0.980	mg/L	0.10	98	90	110			
Sample ID: C09050629-010AMS		Sample Matrix Spike				Run: MANTECH_090521A			05/21/09 14:13	
Fluoride		1.19	mg/L	0.10	99	80	120			
Sample ID: C09050629-010AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521A			05/21/09 14:16	
Fluoride		1.21	mg/L	0.10	101	80	120	1.7	10	
Sample ID: C09050629-020AMS		Sample Matrix Spike				Run: MANTECH_090521A			05/21/09 15:04	
Fluoride		1.00	mg/L	0.10	100	80	120			
Sample ID: C09050629-020AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090521A			05/21/09 15:06	
Fluoride		1.00	mg/L	0.10	100	80	120	0	10	
Method: A4500-H B									Analytical Run: ORION555A_090521A	
Sample ID: ICV1_090521_1		Initial Calibration Verification Standard							05/21/09 10:32	
pH		6.94	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090521_1_PH-W_555A-2	
Sample ID: C09050629-008ADUP		Sample Duplicate				Run: ORION555A_090521A			05/21/09 11:02	
pH		8.07	s.u.	0.010				0.1	10	
Sample ID: C09050629-018ADUP		Sample Duplicate				Run: ORION555A_090521A			05/21/09 11:23	
pH		9.16	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119283
Sample ID: MB-22453	4	Method Blank				Run: ICP3-C_090608B				06/08/09 17:23
Calcium		0.6	mg/L	0.2						
Potassium		0.7	mg/L	0.03						
Sodium		2	mg/L	0.1						
Zinc		ND	mg/L	0.008						
Sample ID: MB-22443	4	Method Blank				Run: ICP3-C_090608B				06/08/09 20:53
Calcium		ND	mg/L	0.2						
Potassium		0.06	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Zinc		ND	mg/L	0.008						
Sample ID: C09050629-005BMS	4	Sample Matrix Spike				Run: ICP3-C_090608B				06/08/09 21:26
Calcium		103	mg/L	1.0	84	70	130			
Potassium		50.1	mg/L	1.0	90	70	130			
Sodium		76.6	mg/L	1.0	87	70	130			
Zinc		0.542	mg/L	0.010	97	70	130			
Sample ID: C09050629-005BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090608B				06/08/09 21:49
Calcium		103	mg/L	1.0	84	70	130	0	20	
Potassium		50.4	mg/L	1.0	91	70	130	0.6	20	
Sodium		76.8	mg/L	1.0	88	70	130	0.3	20	
Zinc		0.503	mg/L	0.010	90	70	130	7.3	20	
Sample ID: C09050629-015BMS	4	Sample Matrix Spike				Run: ICP3-C_090608B				06/08/09 23:12
Calcium		71.6	mg/L	1.0	80	70	130			
Potassium		52.2	mg/L	1.0	84	70	130			
Sodium		77.7	mg/L	1.0	80	70	130			
Zinc		0.493	mg/L	0.010	90	70	130			
Sample ID: C09050629-015BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090608B				06/08/09 23:17
Calcium		78.6	mg/L	1.0	94	70	130	9.4	20	
Potassium		57.5	mg/L	1.0	94	70	130	9.6	20	
Sodium		84.9	mg/L	1.0	94	70	130	8.9	20	
Zinc		0.520	mg/L	0.010	96	70	130	5.2	20	
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090608B				06/08/09 16:32
Calcium		0.4	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Zinc		ND	mg/L	0.008						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090608B				06/08/09 16:43
Calcium		57.6	mg/L	0.50	115	85	115			
Potassium		56.9	mg/L	0.50	114	85	115			
Sodium		57.2	mg/L	0.50	114	85	115			
Zinc		1.13	mg/L	0.010	113	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119344
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090609A				06/09/09 14:33
Calcium		0.3	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090609A				06/09/09 14:39
Calcium		54.8	mg/L	0.50	109	85	115			
Magnesium		55.0	mg/L	0.50	110	85	115			
Potassium		56.2	mg/L	0.50	112	85	115			
Sodium		57.3	mg/L	0.50	115	85	115			
Sample ID: C09050629-006BMS	4	Sample Matrix Spike				Run: ICP3-C_090609A				06/09/09 23:52
Calcium		105	mg/L	1.0	103	70	130			
Magnesium		52.8	mg/L	1.0	100	70	130			
Potassium		54.9	mg/L	1.0	101	70	130			
Sodium		84.7	mg/L	1.0	105	70	130			
Sample ID: C09050629-006BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090609A				06/09/09 23:57
Calcium		105	mg/L	1.0	103	70	130	0.2	20	
Magnesium		53.5	mg/L	1.0	101	70	130	1.3	20	
Potassium		56.3	mg/L	1.0	104	70	130	2.4	20	
Sodium		85.1	mg/L	1.0	106	70	130	0.6	20	
Sample ID: C09050629-016BMS	4	Sample Matrix Spike				Run: ICP3-C_090609A				06/10/09 01:20
Calcium		83.4	mg/L	1.0	95	70	130			
Magnesium		46.1	mg/L	1.0	89	70	130			
Potassium		54.5	mg/L	1.0	90	70	130			
Sodium		81.0	mg/L	1.0	93	70	130			
Sample ID: C09050629-016BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090609A				06/10/09 01:43
Calcium		78.1	mg/L	1.0	85	70	130	6.7	20	
Magnesium		42.8	mg/L	1.0	83	70	130	7.6	20	
Potassium		50.2	mg/L	1.0	82	70	130	8.1	20	
Sodium		75.2	mg/L	1.0	82	70	130	7.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119527
Sample ID: LRB		Method Blank				Run: ICP3-C_090612A				06/12/09 12:54
Magnesium		0.3	mg/L	0.2						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICP3-C_090612A				06/12/09 12:59
Magnesium		50.1	mg/L	0.50	100	85	115			
Sample ID: C09060141-004BMS		Sample Matrix Spike				Run: ICP3-C_090612A				06/12/09 14:56
Magnesium		56.4	mg/L	1.0	107	70	130			
Sample ID: C09060141-004BMSD		Sample Matrix Spike Duplicate				Run: ICP3-C_090612A				06/12/09 15:01
Magnesium		50.9	mg/L	1.0	96	70	130	10	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119577
Sample ID: MB-090610A	6	Method Blank				Run: ICP2-C_090615A				06/15/09 10:00
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Potassium		ND	mg/L	0.1						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090610A	6	Laboratory Fortified Blank				Run: ICP2-C_090615A				06/15/09 10:04
Calcium		50.4	mg/L	0.50	101	85	115			
Iron		0.954	mg/L	0.030	95	85	115			
Magnesium		49.3	mg/L	0.50	99	85	115			
Manganese		0.973	mg/L	0.010	97	85	115			
Potassium		43.1	mg/L	0.50	86	85	115			
Sodium		48.6	mg/L	0.50	97	85	115			
Sample ID: MB-22443	6	Method Blank				Run: ICP2-C_090615A				06/15/09 10:56
Calcium		ND	mg/L	0.5						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.2						
Sodium		ND	mg/L	0.5						
Sample ID: C09050629-019BMS2	4	Sample Matrix Spike				Run: ICP2-C_090615A				06/15/09 12:09
Calcium		148	mg/L	1.0	97	70	130			
Magnesium		101	mg/L	1.0	98	70	130			
Potassium		93.6	mg/L	1.0	88	70	130			
Sodium		132	mg/L	1.0	99	70	130			
Sample ID: C09050629-019BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090615A				06/15/09 12:13
Calcium		151	mg/L	1.0	99	70	130	1.8	20	
Magnesium		102	mg/L	1.0	98	70	130	0.9	20	
Potassium		94.5	mg/L	1.0	89	70	130	1	20	
Sodium		132	mg/L	1.0	99	70	130	0.3	20	
Sample ID: C09050629-010CMS2	2	Sample Matrix Spike				Run: ICP2-C_090615A				06/15/09 15:54
Iron		1.99	mg/L	0.067	98	70	130			
Manganese		1.96	mg/L	0.014	96	70	130			
Sample ID: C09050629-010CMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090615A				06/15/09 15:58
Iron		2.04	mg/L	0.067	100	70	130	2.4	20	
Manganese		2.00	mg/L	0.014	98	70	130	1.9	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119665
Sample ID: MB-22443	4	Method Blank				Run: ICP3-C_090616B				06/16/09 13:44
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		0.1	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: C09050629-009BMS	4	Sample Matrix Spike				Run: ICP3-C_090616B				06/16/09 14:00
Calcium		110	mg/L	1.0	110	70	130			
Magnesium		58.0	mg/L	1.0	109	70	130			
Potassium		65.8	mg/L	1.0	110	70	130			
Sodium		89.7	mg/L	1.0	110	70	130			
Sample ID: C09050629-009BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090616B				06/16/09 14:05
Calcium		105	mg/L	1.0	101	70	130	4.7	20	
Magnesium		53.5	mg/L	1.0	100	70	130	8.1	20	
Potassium		61.8	mg/L	1.0	102	70	130	6.3	20	
Sodium		85.3	mg/L	1.0	101	70	130	5.1	20	
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090616B				06/16/09 13:20
Calcium		0.3	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090616B				06/16/09 13:26
Calcium		51.5	mg/L	0.50	103	85	115			
Magnesium		51.1	mg/L	0.50	102	85	115			
Potassium		50.7	mg/L	0.50	101	85	115			
Sodium		51.5	mg/L	0.50	103	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118566
Sample ID: LRB	13	Method Blank				Run: ICPMS2-C_090522B				05/22/09 12:35
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		5E-05	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Sample ID: LFB	13	Laboratory Fortified Blank				Run: ICPMS2-C_090522B				05/22/09 12:42
Arsenic		0.0500	mg/L	0.0010	100	85	115			
Barium		0.0483	mg/L	0.0010	97	85	115			
Cadmium		0.0494	mg/L	0.0010	99	85	115			
Chromium		0.0488	mg/L	0.0010	98	85	115			
Copper		0.0510	mg/L	0.0010	102	85	115			
Lead		0.0493	mg/L	0.0010	99	85	115			
Manganese		0.0484	mg/L	0.0010	97	85	115			
Mercury		0.00496	mg/L	0.0010	98	85	115			
Molybdenum		0.0498	mg/L	0.0010	100	85	115			
Nickel		0.0506	mg/L	0.0010	101	85	115			
Selenium		0.0498	mg/L	0.0014	100	85	115			
Uranium		0.0483	mg/L	0.00030	97	85	115			
Vanadium		0.0483	mg/L	0.0010	97	85	115			
Sample ID: C09050629-006BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/23/09 01:16
Arsenic		0.0532	mg/L	0.0010	99	70	130			
Barium		0.0635	mg/L	0.0010	96	70	130			
Cadmium		0.0494	mg/L	0.010	99	70	130			
Chromium		0.0465	mg/L	0.0010	93	70	130			
Copper		0.0479	mg/L	0.010	96	70	130			
Lead		0.0486	mg/L	0.0010	97	70	130			
Manganese		0.0620	mg/L	0.010	94	70	130			
Mercury		0.00493	mg/L	0.0010	99	70	130			
Molybdenum		0.0508	mg/L	0.0010	99	70	130			
Nickel		0.0487	mg/L	0.0010	97	70	130			
Selenium		0.0496	mg/L	0.0010	99	70	130			
Uranium		0.0626	mg/L	0.00030	97	70	130			
Vanadium		0.0485	mg/L	0.0010	95	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118566
Sample ID: C09050629-006BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090522B				05/23/09 01:23
Arsenic		0.0534	mg/L	0.0010	100	70	130	0.5	20	
Barium		0.0625	mg/L	0.0010	94	70	130	1.6	20	
Cadmium		0.0490	mg/L	0.010	98	70	130	0.9	20	
Chromium		0.0465	mg/L	0.0010	93	70	130	0.1	20	
Copper		0.0471	mg/L	0.010	94	70	130	1.8	20	
Lead		0.0488	mg/L	0.0010	97	70	130	0.3	20	
Manganese		0.0621	mg/L	0.010	94	70	130	0.1	20	
Mercury		0.00498	mg/L	0.0010	100	70	130	0.9	20	
Molybdenum		0.0505	mg/L	0.0010	98	70	130	0.8	20	
Nickel		0.0483	mg/L	0.0010	97	70	130	0.8	20	
Selenium		0.0495	mg/L	0.0010	99	70	130	0.1	20	
Uranium		0.0628	mg/L	0.00030	98	70	130	0.4	20	
Vanadium		0.0483	mg/L	0.0010	95	70	130	0.3	20	
Sample ID: C09050629-016BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/23/09 04:40
Arsenic		0.0593	mg/L	0.0010	100	70	130			
Barium		0.0805	mg/L	0.0010	96	70	130			
Cadmium		0.0490	mg/L	0.010	98	70	130			
Chromium		0.0467	mg/L	0.0010	93	70	130			
Copper		0.0455	mg/L	0.010	91	70	130			
Lead		0.0493	mg/L	0.0010	99	70	130			
Manganese		0.0472	mg/L	0.010	93	70	130			
Mercury		0.00501	mg/L	0.0010	100	70	130			
Molybdenum		0.0524	mg/L	0.0010	99	70	130			
Nickel		0.0480	mg/L	0.0010	96	70	130			
Selenium		0.0490	mg/L	0.0010	98	70	130			
Uranium		0.0542	mg/L	0.00030	95	70	130			
Vanadium		0.0485	mg/L	0.0010	96	70	130			
Sample ID: C09050629-016BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090522B				05/23/09 04:47
Arsenic		0.0603	mg/L	0.0010	102	70	130	1.7	20	
Barium		0.0807	mg/L	0.0010	97	70	130	0.3	20	
Cadmium		0.0495	mg/L	0.010	99	70	130	0.9	20	
Chromium		0.0473	mg/L	0.0010	95	70	130	1.2	20	
Copper		0.0460	mg/L	0.010	92	70	130	1.2	20	
Lead		0.0497	mg/L	0.0010	99	70	130	0.8	20	
Manganese		0.0480	mg/L	0.010	95	70	130	1.5	20	
Mercury		0.00506	mg/L	0.0010	101	70	130	1	20	
Molybdenum		0.0528	mg/L	0.0010	100	70	130	0.6	20	
Nickel		0.0485	mg/L	0.0010	97	70	130	1.1	20	
Selenium		0.0498	mg/L	0.0010	100	70	130	1.5	20	
Uranium		0.0548	mg/L	0.00030	97	70	130	1.1	20	
Vanadium		0.0488	mg/L	0.0010	96	70	130	0.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119275
Sample ID: LRB	4	Method Blank				Run: ICPMS4-C_090608A				06/08/09 19:12
Aluminum		ND	mg/L	0.0004						
Boron		ND	mg/L	0.0004						
Iron		ND	mg/L	0.0006						
Silicon		ND	mg/L	0.0003						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICPMS4-C_090608A				06/08/09 19:19
Aluminum		0.0506	mg/L	0.0010	101	85	115			
Boron		0.0515	mg/L	0.0010	103	85	115			
Iron		1.31	mg/L	0.0010	105	85	115			
Silicon		0.557	mg/L	0.0010	111	85	115			
Sample ID: MB-22443	4	Method Blank				Run: ICPMS4-C_090608A				06/08/09 21:48
Aluminum		ND	mg/L	0.0004						
Boron		0.005	mg/L	0.0004						
Iron		ND	mg/L	0.0006						
Silicon		0.003	mg/L	0.0003						
Sample ID: C09050629-010BMS4	4	Sample Matrix Spike				Run: ICPMS4-C_090608A				06/08/09 23:30
Aluminum		0.0531	mg/L	0.10	96	70	130			
Boron		0.0740	mg/L	0.10	95	70	130			
Iron		1.23	mg/L	0.030	98	70	130			
Silicon		6.07	mg/L	0.10		70	130			A
Sample ID: C09050629-010BMSD	4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090608A				06/08/09 23:37
Aluminum		0.0536	mg/L	0.10	97	70	130		20	
Boron		0.0760	mg/L	0.10	99	70	130		20	
Iron		1.25	mg/L	0.030	100	70	130	1.5	20	
Silicon		6.09	mg/L	0.10		70	130	0.2	20	A
Sample ID: C09050629-020BMS4	4	Sample Matrix Spike				Run: ICPMS4-C_090608A				06/09/09 01:53
Aluminum		0.0488	mg/L	0.10	98	70	130			
Boron		0.0546	mg/L	0.10	97	70	130			
Iron		1.29	mg/L	0.030	103	70	130			
Silicon		0.528	mg/L	0.10	105	70	130			
Sample ID: C09050629-020BMSD	4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090608A				06/09/09 02:00
Aluminum		0.0499	mg/L	0.10	100	70	130		20	
Boron		0.0557	mg/L	0.10	99	70	130		20	
Iron		1.31	mg/L	0.030	104	70	130	1.6	20	
Silicon		0.535	mg/L	0.10	106	70	130	1.3	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119541
Sample ID: LRB	2	Method Blank				Run: ICPMS4-C_090615A				06/15/09 11:20
Iron		ND	mg/L	0.0006						
Zinc		0.0006	mg/L	0.0002						
Sample ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS4-C_090615A				06/15/09 11:27
Iron		1.30	mg/L	0.0010	104	85	115			
Zinc		0.0559	mg/L	0.0010	111	85	115			
Sample ID: C09050554-002BMS4	2	Sample Matrix Spike				Run: ICPMS4-C_090615A				06/15/09 16:18
Iron		1.80	mg/L	0.030	101	70	130			
Zinc		0.0655	mg/L	0.010	99	70	130			
Sample ID: C09050554-002BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090615A				06/15/09 16:24
Iron		1.80	mg/L	0.030	101	70	130	0.1	20	
Zinc		0.0667	mg/L	0.010	101	70	130	1.7	20	
Sample ID: MB-22443	2	Method Blank				Run: ICPMS4-C_090615A				06/15/09 16:38
Iron		ND	mg/L	0.0006						
Zinc		0.0007	mg/L	0.0002						
Sample ID: C09050629-018BMS4	2	Sample Matrix Spike				Run: ICPMS4-C_090615A				06/15/09 18:48
Iron		1.28	mg/L	0.030	102	70	130			
Zinc		0.0623	mg/L	0.010	112	70	130			
Sample ID: C09050629-018BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090615A				06/15/09 18:54
Iron		1.27	mg/L	0.030	102	70	130	0.4	20	
Zinc		0.0623	mg/L	0.010	112	70	130	0.1	20	
Sample ID: C09050629-020BMS4	2	Sample Matrix Spike				Run: ICPMS4-C_090615A				06/15/09 20:50
Iron		1.27	mg/L	0.030	101	70	130			
Zinc		0.0618	mg/L	0.010	115	70	130			
Sample ID: C09050629-020BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090615A				06/15/09 20:57
Iron		1.27	mg/L	0.030	101	70	130	0.2	20	
Zinc		0.0617	mg/L	0.010	115	70	130	0.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R118717
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090526A				05/26/09 17:07
Chloride		9.52	mg/L	1.0	95	90	110			
Sulfate		38.5	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090526A				05/26/09 17:23
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050591-014AMS	2	Sample Matrix Spike				Run: IC1-C_090526A				05/27/09 05:12
Chloride		24.1	mg/L	1.0	99	90	110			
Sulfate		161	mg/L	1.0	101	90	110			
Sample ID: C09050591-014AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090526A				05/27/09 05:27
Chloride		24.5	mg/L	1.0	102	90	110	2	20	
Sulfate		163	mg/L	1.0	104	90	110	1.4	20	
Sample ID: C09050629-009AMS	2	Sample Matrix Spike				Run: IC1-C_090526A				05/27/09 09:03
Chloride		24.3	mg/L	1.0	99	90	110			
Sulfate		207	mg/L	1.0	99	90	110			
Sample ID: C09050629-009AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090526A				05/27/09 09:18
Chloride		24.3	mg/L	1.0	99	90	110	0.1	20	
Sulfate		210	mg/L	1.0	103	90	110	1.4	20	
Method: E350.1										Batch: B_R129945
Sample ID: MBLK		Method Blank				Run: SUB-B129945				05/26/09 08:03
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129945				05/26/09 08:05
Nitrogen, Ammonia as N		1.08	mg/L	0.10	109	90	110			
Sample ID: B09051877-007DMS		Sample Matrix Spike				Run: SUB-B129945				05/26/09 08:25
Nitrogen, Ammonia as N		1.70	mg/L	0.050	91	90	110			
Sample ID: B09051877-007DMSD		Sample Matrix Spike Duplicate				Run: SUB-B129945				05/26/09 08:26
Nitrogen, Ammonia as N		1.70	mg/L	0.050	90	90	110	0.3	10	
Sample ID: C09050629-008E		Sample Matrix Spike				Run: SUB-B129945				05/26/09 08:39
Nitrogen, Ammonia as N		0.800	mg/L	0.050	74	90	110			S
Sample ID: C09050629-008E		Sample Matrix Spike Duplicate				Run: SUB-B129945				05/26/09 08:40
Nitrogen, Ammonia as N		0.782	mg/L	0.050	73	90	110	2.3	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Batch: B_R129869	
Sample ID: MBLK		Method Blank				Run: SUB-B129869			05/22/09 10:27	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B129869			05/22/09 10:28	
Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.050	106	90	110			
Sample ID: C09050629-005E		Sample Matrix Spike				Run: SUB-B129869			05/22/09 12:40	
Nitrogen, Nitrate+Nitrite as N		0.998	mg/L	0.050	102	90	110			
Sample ID: C09050629-005E		Sample Matrix Spike Duplicate				Run: SUB-B129869			05/22/09 12:41	
Nitrogen, Nitrate+Nitrite as N		0.994	mg/L	0.050	101	90	110	0.4	10	
Sample ID: C09050629-008E		Sample Matrix Spike				Run: SUB-B129869			05/22/09 14:38	
Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.050	104	90	110			
Sample ID: C09050629-008E		Sample Matrix Spike Duplicate				Run: SUB-B129869			05/22/09 14:39	
Nitrogen, Nitrate+Nitrite as N		1.06	mg/L	0.050	104	90	110	0.3	10	
Method: E900.0									Batch: GrAB-0667	
Sample ID: MB-GrAB-0667	6	Method Blank				Run: G5000W_090608B			06/10/09 22:44	
Gross Alpha		0.02pCi/L								U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-0.7	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0667		Laboratory Control Sample				Run: G5000W_090608B			06/10/09 22:44	
Gross Alpha		130	pCi/L		95	70	130			
Sample ID: Cs137-GrAB-0667		Laboratory Control Sample				Run: G5000W_090608B			06/10/09 22:44	
Gross Beta		86	pCi/L		94	70	130			
Sample ID: C09050548-022DMS		Sample Matrix Spike				Run: G5000W_090608B			06/11/09 11:00	
Gross Alpha		128	pCi/L		93	70	130			
Sample ID: C09050548-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090608B			06/11/09 11:00	
Gross Alpha		132	pCi/L		97	70	130	3.4	15.9	
Sample ID: C09050548-022DMS		Sample Matrix Spike				Run: G5000W_090608B			06/11/09 11:00	
Gross Beta		88.8pCi/L			98	70	130			
Sample ID: C09050548-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090608B			06/11/09 11:00	
Gross Beta		79.7pCi/L			88	70	130	11	16.2	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0668
Sample ID: MB-GrAB-0668	6	Method Blank				Run: G5000W_090609A				06/12/09 01:30
Gross Alpha		-0.2	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0668		Laboratory Control Sample				Run: G5000W_090609A				06/12/09 01:30
Gross Alpha		150	pCi/L		109	70	130			
Sample ID: Cs137-GrAB-0668		Laboratory Control Sample				Run: G5000W_090609A				06/12/09 01:30
Gross Beta		88	pCi/L		98	70	130			
Sample ID: C09050629-020DMS		Sample Matrix Spike				Run: G5000W_090609A				06/12/09 13:34
Gross Alpha		146	pCi/L		106	70	130			
Sample ID: C09050629-020DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090609A				06/12/09 13:34
Gross Alpha		142	pCi/L		103	70	130	3.3	15.7	
Sample ID: C09050629-020DMS		Sample Matrix Spike				Run: G5000W_090609A				06/12/09 13:34
Gross Beta		85.7pCi/L			94	70	130			
Sample ID: C09050629-020DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090609A				06/12/09 13:34
Gross Beta		87.5pCi/L			96	70	130	2	16.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0677
Sample ID: C09050376-001EMS		Sample Matrix Spike				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		132	pCi/L		96	70	130			
Sample ID: C09050376-001EMSD		Sample Matrix Spike Duplicate				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		133	pCi/L		97	70	130	0.6	16.3	
Sample ID: C09050376-001EMS		Sample Matrix Spike				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		89.1	pCi/L		98	70	130			
Sample ID: C09050376-001EMSD		Sample Matrix Spike Duplicate				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		88.1	pCi/L		97	70	130	1	16.3	
Sample ID: MB-GrAB-0677	6	Method Blank				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		-0.5	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0677		Laboratory Control Sample				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		140	pCi/L		105	70	130			
Sample ID: Cs137-GrAB-0677		Laboratory Control Sample				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		88	pCi/L		98	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0688
Sample ID: MB-GrAB-0688	6	Method Blank				Run: TENNELEC-3_090629A			07/02/09 04:00	
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.7	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0688		Laboratory Control Sample				Run: TENNELEC-3_090629A			07/02/09 04:00	
Gross Alpha		140	pCi/L		103	70	130			
Sample ID: Cs137-GrAB-0688		Laboratory Control Sample				Run: TENNELEC-3_090629A			07/02/09 04:01	
Gross Beta		97	pCi/L		107	70	130			
Sample ID: C09060692-004DMS		Sample Matrix Spike				Run: TENNELEC-3_090629A			07/02/09 04:01	
Gross Alpha		180	pCi/L		127	70	130			
Sample ID: C09060692-004DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090629A			07/02/09 04:01	
Gross Alpha		200	pCi/L		142	70	130	10	16.6	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and MS are acceptable the batch is approved.										
Sample ID: C09060692-005DMS		Sample Matrix Spike				Run: TENNELEC-3_090629A			07/02/09 04:00	
Gross Beta		95.0pCi/L			100	70	130			
Sample ID: C09060692-005DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090629A			07/02/09 04:00	
Gross Beta		93.2pCi/L			98	70	130	2	16.1	
Method: E903.0										Batch: RA226-3691
Sample ID: C09050629-001DMS		Sample Matrix Spike				Run: TENNELEC-2_090527B			06/09/09 10:41	
Radium 226		16	pCi/L		97	70	130			
Sample ID: C09050629-001DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-2_090527B			06/09/09 12:12	
Radium 226		15	pCi/L		89	70	130	8.5	24.8	
Sample ID: MB-RA226-3691	3	Method Blank				Run: TENNELEC-2_090527B			06/09/09 18:13	
Radium 226		0.1	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3691		Laboratory Control Sample				Run: TENNELEC-2_090527B			06/09/09 19:44	
Radium 226		7.6	pCi/L		95	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3692
Sample ID: C09050629-005DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090526A				06/06/09 23:24
Radium 226		16	pCi/L		93	70	130			
Sample ID: C09050629-005DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090526A				06/06/09 23:24
Radium 226		17	pCi/L		100	70	130	7.3	23.8	
Sample ID: MB-RA226-3692	3	Method Blank				Run: BERTHOLD 770-2_090526A				06/07/09 00:57
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3692		Laboratory Control Sample				Run: BERTHOLD 770-2_090526A				06/07/09 00:57
Radium 226		7.3	pCi/L		94	70	130			
Method: E903.0										Batch: RA226-3693
Sample ID: C09050629-011DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090526E				06/07/09 22:01
Radium 226		16	pCi/L		88	70	130			
Sample ID: C09050629-011DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090526E				06/07/09 22:01
Radium 226		17	pCi/L		96	70	130	6.7	23.1	
Sample ID: MB-RA226-3693	3	Method Blank				Run: BERTHOLD 770-1_090526E				06/08/09 00:01
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3693		Laboratory Control Sample				Run: BERTHOLD 770-1_090526E				06/08/09 00:01
Radium 226		6.5	pCi/L		85	70	130			
Method: E903.0										Batch: RA226-3695
Sample ID: C09050629-019DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090527A				06/07/09 21:58
Radium 226		17	pCi/L		92	70	130			
Sample ID: C09050629-019DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090527A				06/07/09 21:58
Radium 226		16	pCi/L		85	70	130	6.2	24.4	
Sample ID: MB-RA226-3695	3	Method Blank				Run: BERTHOLD 770-2_090527A				06/08/09 00:01
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3695		Laboratory Control Sample				Run: BERTHOLD 770-2_090527A				06/08/09 00:01
Radium 226		7.4	pCi/L		96	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2677
Sample ID: LCS-228-RA226-3692		Laboratory Control Sample				Run: TENNELEC-3_090526B				06/01/09 12:24
Radium 228		7.6	pCi/L		87	70	130			
Sample ID: MB-RA226-3692	3	Method Blank				Run: TENNELEC-3_090526B				06/01/09 12:24
Radium 228		0.05pCi/L								U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		0.6	pCi/L							
Sample ID: C09050629-006DMS		Sample Matrix Spike				Run: TENNELEC-3_090526B				06/01/09 12:24
Radium 228		16	pCi/L		80	70	130			
Sample ID: C09050629-006DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090526B				06/01/09 12:24
Radium 228		15	pCi/L		75	70	130	6.6	34.7	
Method: RA-05										Batch: RA228-2678
Sample ID: LCS-228-RA226-3693		Laboratory Control Sample				Run: TENNELEC-3_090526C				06/01/09 14:32
Radium 228		10.7pCi/L			118	70	130			
Sample ID: MB-RA226-3693	3	Method Blank				Run: TENNELEC-3_090526C				06/01/09 14:32
Radium 228		0.4	pCi/L							U
Radium 228 precision (±)		1.0	pCi/L							
Radium 228 MDC		2	pCi/L							
Sample ID: C09050629-016DMS		Sample Matrix Spike				Run: TENNELEC-3_090526C				06/01/09 14:32
Radium 228		21.2pCi/L			103	70	130			
Sample ID: C09050629-016DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090526C				06/01/09 14:32
Radium 228		21.0pCi/L			103	70	130	0.9	34.6	
Method: RA-05										Batch: RA228-2679
Sample ID: LCS-228-RA226-3691		Laboratory Control Sample				Run: TENNELEC-3_090527B				06/02/09 09:28
Radium 228		8.10pCi/L			98	70	130			
Sample ID: MB-RA226-3691	3	Method Blank				Run: TENNELEC-3_090527B				06/02/09 09:28
Radium 228		-0.4	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050629-002DMS		Sample Matrix Spike				Run: TENNELEC-3_090527B				06/02/09 09:28
Radium 228		17.3pCi/L			90	70	130			
Sample ID: C09050629-002DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090527B				06/02/09 09:28
Radium 228		17.6pCi/L			92	70	130	1.7	33.4	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050629

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2680
Sample ID: LCS-228-RA226-3695		Laboratory Control Sample				Run: TENNELEC-3_090527C				06/02/09 11:50
Radium 228		7.82	pCi/L		90	70	130			
Sample ID: MB-RA226-3695	3	Method Blank				Run: TENNELEC-3_090527C				06/02/09 11:50
Radium 228		0.08	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050629-020DMS		Sample Matrix Spike				Run: TENNELEC-3_090527C				06/02/09 11:50
Radium 228		17.3	pCi/L		100	70	130			
Sample ID: C09050629-020DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090527C				06/02/09 11:50
Radium 228		14.4	pCi/L		84	70	130	18	34.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☒
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp: 4 °C
On Ice: Yes (No)
Custody Seal Y (N)
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8											
1	M-128 #23	5-19-09		W 2gal												
2	M-127 #24															
3	M-126 #25															
4	M-125 #26															
5	M-124 #27															
6	M-123 #28														C09050629	
7	M-122 #29															
8	M-119 #30															
9	MP110 #31															
10	MO-110 #32															

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-19-09 17:00		[illegible]	5-19-09 6:00	
[illegible]	5-20-09 8:19		Received by (print):	Date/Time:	Signature:
			Received by Laboratory: Andrew Larsen	Date/Time: 5/20/09 0819	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: Phone/Fax: John Cash 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Gross Alpha

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp 6 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Gross Alpha												
1	MU-110 #33	5-19-09		W 2qt													
2	MO-111 #34																
3	MU-111 #35																
4	MO-112 #36																
5	MP-112 #37																
6	MU-112 #38																0905040029
7	MO-113 #39																
8	MU-113 #40																
9	M-131 #41																
10	M-132 #42																

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-19-09 17:00		[illegible]	5-19-09 5:00	
[illegible]	5-20-09 8:19				

Received by Laboratory: Andrew Larsen Date/Time: 5/20/09 0819 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050629

UR Energy USA Inc

Login completed by: Corinne Wagner

Date and Time Received: 5/20/2009 8:19 AM

Reviewed by:

Received by: al

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	6°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050629

Date: *14-Jul-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 09, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050645 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 5/20/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050645-001	MO-104	05/20/09 00:00	05/20/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050645-002	MP-104	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-003	MU-104	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-004	MO-106	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-005	MP-106	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-006	MU-106	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-007	MO-107	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-008	MP-107	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-009	MU-107	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-010	M-133	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-011	MP-108	05/20/09 00:00	05/20/09	Aqueous	Same As Above
C09050645-012	MO-108	05/20/09 00:00	05/20/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09050645-013	MO-109	05/20/09 00:00 05/20/09	Aqueous	Same As Above
C09050645-014	MP-109	05/20/09 00:00 05/20/09	Aqueous	Same As Above
C09050645-015	MU-109	05/20/09 00:00 05/20/09	Aqueous	Same As Above
C09050645-016	MP-113	05/20/09 00:00 05/20/09	Aqueous	Same As Above
C09050645-017	M-134	05/20/09 00:00 05/20/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Steven E. Carlston
Technical Director

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-001
Client Sample ID: MO-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	123	mg/L		1		A2320 B	05/23/09 20:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 20:42 / ljl
Bicarbonate as HCO3	150	mg/L		1		A2320 B	05/23/09 20:42 / ljl
Calcium	85	mg/L		1		E200.7	06/23/09 15:13 / aae
Chloride	9	mg/L		1		E300.0	06/01/09 22:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 15:48 / ljl
Magnesium	5	mg/L		1		E200.7	06/23/09 15:13 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.87	mg/L		0.05		E353.2	05/26/09 13:15 / eli-b
Potassium	3	mg/L		1		E200.7	06/23/09 15:13 / aae
Silica	15.2	mg/L		0.2		E200.8	06/08/09 14:05 / sml
Sodium	42	mg/L		1		E200.7	06/23/09 15:13 / aae
Sulfate	183	mg/L		1		E300.0	06/01/09 22:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	615	umhos/cm		1		A2510 B	05/21/09 14:24 / dd
pH	7.86	s.u.		0.01		A4500-H B	05/21/09 14:24 / dd
Solids, Total Dissolved TDS @ 180 C	438	mg/L		10		A2540 C	05/21/09 13:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 14:05 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 06:28 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 06:28 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 14:05 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 06:28 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 06:28 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 06:28 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 14:05 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 06:28 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 06:28 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 06:28 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 06:28 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 06:28 / ts
Selenium	0.046	mg/L		0.001		E200.8	05/23/09 06:28 / ts
Uranium	0.883	mg/L		0.0003		E200.8	05/23/09 06:28 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 06:28 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 14:05 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 01:11 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:11 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-001
Client Sample ID: MO-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	837	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha precision (±)	12.5	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta	303	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta precision (±)	5.2	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:41 / cgr
Radium 226	3.2	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	0.37	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	3.3	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	0.166	%				Calculation	06/30/09 08:40 / kbh
Anions	6.59	meq/L				Calculation	06/30/09 08:40 / kbh
Cations	6.61	meq/L				Calculation	06/30/09 08:40 / kbh
Solids, Total Dissolved Calculated	427	mg/L				Calculation	06/30/09 08:40 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/30/09 08:40 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-002
Client Sample ID: MP-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/23/09 20:49 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 20:49 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/23/09 20:49 / ljl
Calcium	85	mg/L		1		E200.7	06/08/09 18:13 / aae
Chloride	9	mg/L		1		E300.0	06/01/09 22:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 15:51 / ljl
Magnesium	4	mg/L		1		E200.7	06/09/09 20:33 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:16 / eli-b
Potassium	4	mg/L		1		E200.7	06/08/09 18:13 / aae
Silica	12.9	mg/L		0.2		E200.8	06/08/09 14:40 / sml
Sodium	37	mg/L		1		E200.7	06/08/09 18:13 / aae
Sulfate	192	mg/L		1		E300.0	06/01/09 22:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	605	umhos/cm		1		A2510 B	05/21/09 14:27 / dd
pH	8.12	s.u.		0.01		A4500-H B	05/21/09 14:27 / dd
Solids, Total Dissolved TDS @ 180 C	425	mg/L		10		A2540 C	05/21/09 13:26 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 14:40 / sml
Arsenic	0.006	mg/L		0.001		E200.8	05/23/09 07:16 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:16 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 14:40 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:16 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:16 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:16 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 14:40 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:16 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:16 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:16 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:16 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:16 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 07:16 / ts
Uranium	0.184	mg/L		0.0003		E200.8	05/23/09 07:16 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:16 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 14:40 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 01:16 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:16 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-002
Client Sample ID: MP-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	763	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha precision (±)	11.6	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta	239	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta precision (±)	4.7	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:41 / cgr
Radium 226	394	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	3.6	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	5.3	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.11	%				Calculation	06/30/09 08:40 / kbh
Anions	6.39	meq/L				Calculation	06/30/09 08:40 / kbh
Cations	6.25	meq/L				Calculation	06/30/09 08:40 / kbh
Solids, Total Dissolved Calculated	412	mg/L				Calculation	06/30/09 08:40 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/30/09 08:40 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-003
Client Sample ID: MU-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	05/23/09 21:12 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	05/23/09 21:12 / ljl
Bicarbonate as HCO3	100	mg/L		1		A2320 B	05/23/09 21:12 / ljl
Calcium	57	mg/L		1		E200.7	06/08/09 18:19 / aae
Chloride	6	mg/L		1		E300.0	06/01/09 23:06 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 15:54 / ljl
Magnesium	3	mg/L		1		E200.7	06/23/09 15:36 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:17 / eli-b
Potassium	3	mg/L		1		E200.7	06/23/09 15:36 / aae
Silica	12.9	mg/L		0.2		E200.8	06/08/09 14:46 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 18:19 / aae
Sulfate	155	mg/L		1		E300.0	06/01/09 23:06 / ljl
PHYSICAL PROPERTIES							
Conductivity	497	umhos/cm		1		A2510 B	05/21/09 14:29 / dd
pH	8.56	s.u.		0.01		A4500-H B	05/21/09 14:29 / dd
Solids, Total Dissolved TDS @ 180 C	399	mg/L		10		A2540 C	05/21/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 14:46 / sml
Arsenic	0.001	mg/L		0.001		E200.8	05/23/09 07:23 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:23 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 14:46 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:23 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:23 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:23 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 14:46 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:23 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:23 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:23 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:23 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:23 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 07:23 / ts
Uranium	0.0726	mg/L		0.0003		E200.8	05/23/09 07:23 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:23 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 14:46 / sml
METALS - TOTAL							
Iron	0.45	mg/L		0.03		E200.7	06/03/09 16:00 / aae
Manganese	ND	mg/L		0.01		E200.8	05/29/09 03:43 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-003
Client Sample ID: MU-104

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	209	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha precision (±)	5.9	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta	130	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta precision (±)	3.7	pCi/L				E900.0	06/12/09 04:41 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:41 / cgr
Radium 226	95	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	1.9	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	4.4	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.91	%				Calculation	06/30/09 08:44 / kbh
Anions	5.13	meq/L				Calculation	06/30/09 08:44 / kbh
Cations	4.55	meq/L				Calculation	06/30/09 08:44 / kbh
Solids, Total Dissolved Calculated	325	mg/L				Calculation	06/30/09 08:44 / kbh
TDS Balance (0.80 - 1.20)	1.23					Calculation	06/30/09 08:44 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-004
Client Sample ID: MO-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	05/23/09 21:19 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	05/23/09 21:19 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	05/23/09 21:19 / ljl
Calcium	51	mg/L		1		E200.7	06/08/09 18:24 / aae
Chloride	5	mg/L		1		E300.0	06/01/09 23:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 15:56 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 21:12 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.17	mg/L		0.05		E353.2	05/26/09 13:19 / eli-b
Potassium	2	mg/L		1		E200.7	06/08/09 18:24 / aae
Silica	11.9	mg/L		0.2		E200.8	06/08/09 14:53 / sml
Sodium	31	mg/L		1		E200.7	06/08/09 18:24 / aae
Sulfate	114	mg/L		1		E300.0	06/01/09 23:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	438	umhos/cm		1		A2510 B	05/21/09 14:31 / dd
pH	8.39	s.u.		0.01		A4500-H B	05/21/09 14:31 / dd
Solids, Total Dissolved TDS @ 180 C	304	mg/L		10		A2540 C	05/21/09 13:27 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 14:53 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 07:29 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:29 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 14:53 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:29 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:29 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:29 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 14:53 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:29 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:29 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:29 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:29 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:29 / ts
Selenium	0.031	mg/L		0.001		E200.8	05/23/09 07:29 / ts
Uranium	0.371	mg/L		0.0003		E200.8	05/23/09 07:29 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:29 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 14:53 / sml
METALS - TOTAL							
Iron	0.03	mg/L		0.03		E200.7	06/05/09 01:33 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:33 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-004
Client Sample ID: MO-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	261	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha precision (±)	6.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta	160	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta precision (±)	4.0	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/12/09 04:42 / cgr
Radium 226	5.5	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	0.50	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	2.4	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.58	%				Calculation	06/30/09 08:47 / kbh
Anions	4.52	meq/L				Calculation	06/30/09 08:47 / kbh
Cations	4.12	meq/L				Calculation	06/30/09 08:47 / kbh
Solids, Total Dissolved Calculated	282	mg/L				Calculation	06/30/09 08:47 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/30/09 08:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-005
Client Sample ID: MP-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	05/23/09 21:27 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 21:27 / ljl
Bicarbonate as HCO3	129	mg/L		1		A2320 B	05/23/09 21:27 / ljl
Calcium	54	mg/L		1		E200.7	06/08/09 18:30 / aae
Chloride	4	mg/L		1		E300.0	06/01/09 23:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 16:12 / ljl
Magnesium	2	mg/L		1		E200.7	06/23/09 15:41 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:20 / eli-b
Potassium	2	mg/L		1		E200.7	06/23/09 15:41 / aae
Silica	13.7	mg/L		0.2		E200.8	06/08/09 15:00 / sml
Sodium	29	mg/L		1		E200.7	06/08/09 18:30 / aae
Sulfate	117	mg/L		1		E300.0	06/01/09 23:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	453	umhos/cm		1		A2510 B	05/21/09 14:33 / dd
pH	8.01	s.u.		0.01		A4500-H B	05/21/09 14:33 / dd
Solids, Total Dissolved TDS @ 180 C	317	mg/L		10		A2540 C	05/21/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:00 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 07:36 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:36 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:00 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:36 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:36 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:36 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:00 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:36 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:36 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:36 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:36 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 07:36 / ts
Uranium	0.0071	mg/L		0.0003		E200.8	05/23/09 07:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:36 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 15:00 / sml
METALS - TOTAL							
Iron	0.05	mg/L		0.03		E200.7	06/05/09 01:38 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:38 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-005
Client Sample ID: MP-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	23.8	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha precision (±)	2.0	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta	11.3	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:42 / cgr
Radium 226	7.5	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	0.54	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	4.1	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.27	%				Calculation	06/30/09 08:47 / kbh
Anions	4.58	meq/L				Calculation	06/30/09 08:47 / kbh
Cations	4.21	meq/L				Calculation	06/30/09 08:47 / kbh
Solids, Total Dissolved Calculated	286	mg/L				Calculation	06/30/09 08:47 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	06/30/09 08:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-006
Client Sample ID: MU-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/23/09 21:34 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	05/23/09 21:34 / ljl
Bicarbonate as HCO3	131	mg/L		1		A2320 B	05/23/09 21:34 / ljl
Calcium	64	mg/L		1		E200.7	06/08/09 18:46 / aae
Chloride	4	mg/L		1		E300.0	06/01/09 23:53 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/24/09 16:15 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 21:23 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:21 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 18:46 / aae
Silica	13.7	mg/L		0.2		E200.8	06/08/09 15:07 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 18:46 / aae
Sulfate	124	mg/L		1		E300.0	06/01/09 23:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	466	umhos/cm		1		A2510 B	05/21/09 17:28 / dd
pH	8.48	s.u.		0.01		A4500-H B	05/21/09 17:28 / dd
Solids, Total Dissolved TDS @ 180 C	341	mg/L		10		A2540 C	05/21/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:07 / sml
Arsenic	0.003	mg/L		0.001		E200.8	05/23/09 07:43 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:43 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:07 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:43 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:43 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:43 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:07 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:43 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:43 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:43 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:43 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 07:43 / ts
Uranium	0.0819	mg/L		0.0003		E200.8	05/23/09 07:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:43 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 15:07 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 01:43 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:43 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-006
Client Sample ID: MU-106

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	432	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha precision (±)	8.4	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta	191	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:42 / cgr
Radium 226	312	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 precision (±)	3.6	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/08/09 10:50 / jah
Radium 228	4.2	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.57	%				Calculation	06/30/09 08:48 / kbh
Anions	4.98	meq/L				Calculation	06/30/09 08:48 / kbh
Cations	4.83	meq/L				Calculation	06/30/09 08:48 / kbh
Solids, Total Dissolved Calculated	317	mg/L				Calculation	06/30/09 08:48 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/30/09 08:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-007
Client Sample ID: MO-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	05/23/09 22:05 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 22:05 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	05/23/09 22:05 / ljl
Calcium	57	mg/L		1		E200.7	06/08/09 18:51 / aae
Chloride	4	mg/L		1		E300.0	06/02/09 00:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 16:21 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 21:28 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.08	mg/L		0.05		E353.2	05/26/09 13:22 / eli-b
Potassium	2	mg/L		1		E200.7	06/08/09 18:51 / aae
Silica	12.1	mg/L		0.2		E200.8	06/08/09 15:13 / sml
Sodium	34	mg/L		1		E200.7	06/08/09 18:51 / aae
Sulfate	118	mg/L		1		E300.0	06/02/09 00:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	439	umhos/cm		1		A2510 B	05/21/09 17:32 / dd
pH	8.06	s.u.		0.01		A4500-H B	05/21/09 17:32 / dd
Solids, Total Dissolved TDS @ 180 C	316	mg/L		10		A2540 C	05/21/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:13 / sml
Arsenic	0.001	mg/L		0.001		E200.8	05/23/09 07:50 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:50 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:13 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:50 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:50 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:50 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:13 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:50 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 07:50 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:50 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:50 / ts
Selenium	0.020	mg/L		0.001		E200.8	05/23/09 07:50 / ts
Uranium	0.409	mg/L		0.0003		E200.8	05/23/09 07:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:50 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 15:13 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 01:49 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:49 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-007
Client Sample ID: MO-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	343	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha precision (±)	7.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta	137	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta precision (±)	3.8	pCi/L				E900.0	06/12/09 04:42 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 04:42 / cgr
Radium 226	5.9	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 228	1.8	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.15	%				Calculation	06/30/09 08:48 / kbh
Anions	4.67	meq/L				Calculation	06/30/09 08:48 / kbh
Cations	4.56	meq/L				Calculation	06/30/09 08:48 / kbh
Solids, Total Dissolved Calculated	298	mg/L				Calculation	06/30/09 08:48 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/30/09 08:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-008
Client Sample ID: MP-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	127	mg/L		1		A2320 B	05/23/09 22:12 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 22:12 / ljl
Bicarbonate as HCO3	155	mg/L		1		A2320 B	05/23/09 22:12 / ljl
Calcium	35	mg/L		1		E200.7	06/08/09 18:57 / aae
Chloride	5	mg/L		1		E300.0	06/08/09 22:44 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	05/24/09 16:31 / ljl
Magnesium	1	mg/L		1		E200.7	06/09/09 21:34 / aae
Nitrogen, Ammonia as N	0.39	mg/L		0.05		E350.1	05/26/09 11:51 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.06	mg/L		0.05		E353.2	05/26/09 13:29 / eli-b
Potassium	2	mg/L		1		E200.7	06/08/09 18:57 / aae
Silica	13.5	mg/L		0.2		E200.8	06/08/09 15:20 / sml
Sodium	72	mg/L		1		E200.7	06/08/09 18:57 / aae
Sulfate	138	mg/L		1		E300.0	06/08/09 22:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	533	umhos/cm		1		A2510 B	05/21/09 17:34 / dd
pH	8.12	s.u.		0.01		A4500-H B	05/21/09 17:34 / dd
Solids, Total Dissolved TDS @ 180 C	388	mg/L		10		A2540 C	05/21/09 13:28 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:20 / sml
Arsenic	0.005	mg/L		0.001		E200.8	05/23/09 07:57 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 07:57 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:20 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 07:57 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 07:57 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 07:57 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:20 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 07:57 / ts
Manganese	0.04	mg/L		0.01		E200.8	05/23/09 07:57 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 07:57 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 07:57 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 07:57 / ts
Selenium	0.013	mg/L		0.001		E200.8	05/23/09 07:57 / ts
Uranium	0.108	mg/L		0.0003		E200.8	05/23/09 07:57 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 07:57 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 15:20 / sml
METALS - TOTAL							
Iron	4.10	mg/L		0.03		E200.7	06/03/09 16:05 / aae
Manganese	0.08	mg/L		0.01		E200.8	05/29/09 04:17 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-008
Client Sample ID: MP-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	678	pCi/L				E900.0	06/19/09 03:06 / cgr
Gross Alpha precision (±)	61.5	pCi/L				E900.0	06/19/09 03:06 / cgr
Gross Alpha MDC	43.3	pCi/L				E900.0	06/19/09 03:06 / cgr
Gross Beta	344	pCi/L				E900.0	06/19/09 03:06 / cgr
Gross Beta precision (±)	36.2	pCi/L				E900.0	06/19/09 03:06 / cgr
Gross Beta MDC	50.7	pCi/L				E900.0	06/19/09 03:06 / cgr
Radium 226	15	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 precision (±)	0.77	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 228	2.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.93	%				Calculation	06/30/09 08:48 / kbh
Anions	5.58	meq/L				Calculation	06/30/09 08:48 / kbh
Cations	5.05	meq/L				Calculation	06/30/09 08:48 / kbh
Solids, Total Dissolved Calculated	348	mg/L				Calculation	06/30/09 08:48 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	06/30/09 08:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-009
Client Sample ID: MU-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	94	mg/L		1		A2320 B	05/23/09 22:19 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/23/09 22:19 / ljl
Bicarbonate as HCO3	114	mg/L		1		A2320 B	05/23/09 22:19 / ljl
Calcium	52	mg/L		1		E200.7	06/08/09 19:02 / aae
Chloride	4	mg/L		1		E300.0	06/02/09 00:39 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/24/09 16:34 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 21:39 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:54 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:26 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 19:02 / aae
Silica	13.3	mg/L		0.2		E200.8	06/08/09 15:27 / sml
Sodium	34	mg/L		1		E200.7	06/08/09 19:02 / aae
Sulfate	120	mg/L		1		E300.0	06/02/09 00:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	426	umhos/cm		1		A2510 B	05/21/09 17:36 / dd
pH	8.22	s.u.		0.01		A4500-H B	05/21/09 17:36 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	05/21/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:27 / sml
Arsenic	0.003	mg/L		0.001		E200.8	05/23/09 08:03 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 08:03 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:27 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 08:03 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 08:03 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 08:03 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:27 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 08:03 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 08:03 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 08:03 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 08:03 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 08:03 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 08:03 / ts
Uranium	0.0154	mg/L		0.0003		E200.8	05/23/09 08:03 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 08:03 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 15:27 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 01:54 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 01:54 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-009
Client Sample ID: MU-107

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	48.8	pCi/L				E900.0	06/21/09 20:25 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	06/21/09 20:25 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/21/09 20:25 / cgr
Gross Beta	24.3	pCi/L				E900.0	06/21/09 20:25 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/21/09 20:25 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/21/09 20:25 / cgr
Radium 226	8.7	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 precision (±)	0.58	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/08/09 13:00 / jah
Radium 228	4.6	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/02/09 13:51 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/02/09 13:51 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.50	%				Calculation	06/30/09 08:49 / kbh
Anions	4.50	meq/L				Calculation	06/30/09 08:49 / kbh
Cations	4.28	meq/L				Calculation	06/30/09 08:49 / kbh
Solids, Total Dissolved Calculated	289	mg/L				Calculation	06/30/09 08:49 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/30/09 08:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-010
Client Sample ID: M-133

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	92	mg/L		1		A2320 B	05/26/09 09:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/26/09 09:45 / ljl
Bicarbonate as HCO3	112	mg/L		1		A2320 B	05/26/09 09:45 / ljl
Calcium	51	mg/L		1		E200.7	06/08/09 19:25 / aae
Chloride	4	mg/L		1		E300.0	06/02/09 01:40 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/24/09 16:37 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 22:07 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:31 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 19:25 / aae
Silica	13.3	mg/L		0.2		E200.8	06/08/09 15:34 / sml
Sodium	34	mg/L		1		E200.7	06/08/09 19:25 / aae
Sulfate	121	mg/L		1		E300.0	06/02/09 01:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	425	umhos/cm		1		A2510 B	05/21/09 17:39 / dd
pH	8.23	s.u.		0.01		A4500-H B	05/21/09 17:39 / dd
Solids, Total Dissolved TDS @ 180 C	299	mg/L		10		A2540 C	05/21/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 15:34 / sml
Arsenic	0.003	mg/L		0.001		E200.8	05/23/09 08:37 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 08:37 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 15:34 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 08:37 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 08:37 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 08:37 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 15:34 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 08:37 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 08:37 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 08:37 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 08:37 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 08:37 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 08:37 / ts
Uranium	0.0153	mg/L		0.0003		E200.8	05/23/09 08:37 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 08:37 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 15:34 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 02:00 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 02:00 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-010
Client Sample ID: M-133

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	43.3	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha precision (±)	2.6	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha MDC	1.2	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta	23.1	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	06/12/09 23:14 / cgr
Radium 226	8.3	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	0.56	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	2.7	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.46	%				Calculation	06/30/09 08:49 / kbh
Anions	4.49	meq/L				Calculation	06/30/09 08:49 / kbh
Cations	4.27	meq/L				Calculation	06/30/09 08:49 / kbh
Solids, Total Dissolved Calculated	290	mg/L				Calculation	06/30/09 08:49 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/30/09 08:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-011
Client Sample ID: MP-108

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	05/26/09 09:52 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/26/09 09:52 / ljl
Bicarbonate as HCO3	133	mg/L		1		A2320 B	05/26/09 09:52 / ljl
Calcium	69	mg/L		1		E200.7	06/08/09 19:30 / aae
Chloride	5	mg/L		1		E300.0	06/08/09 22:59 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 16:40 / ljl
Magnesium	3	mg/L		1		E200.7	06/09/09 22:13 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:32 / eli-b
Potassium	2	mg/L		1		E200.7	06/08/09 19:30 / aae
Silica	13.2	mg/L		0.2		E200.8	06/08/09 16:28 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 19:30 / aae
Sulfate	146	mg/L		1		E300.0	06/08/09 22:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	503	umhos/cm		1		A2510 B	05/21/09 17:41 / dd
pH	8.04	s.u.		0.01		A4500-H B	05/21/09 17:41 / dd
Solids, Total Dissolved TDS @ 180 C	356	mg/L		10		A2540 C	05/21/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 16:28 / sml
Arsenic	0.007	mg/L		0.001		E200.8	05/23/09 10:33 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 10:33 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 16:28 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 10:33 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 10:33 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 10:33 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 16:28 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 10:33 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/23/09 10:33 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 10:33 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 10:33 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 10:33 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/23/09 10:33 / ts
Uranium	0.151	mg/L		0.0003		E200.8	05/23/09 10:33 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 10:33 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 16:28 / sml
METALS - TOTAL							
Iron	0.03	mg/L		0.03		E200.7	06/05/09 02:23 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 02:23 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-011
Client Sample ID: MP-108

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	248	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta	151	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta precision (±)	3.9	pCi/L				E900.0	06/12/09 23:14 / cgr
Gross Beta MDC	3.4	pCi/L				E900.0	06/12/09 23:14 / cgr
Radium 226	64	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	1.5	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	3.5	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.82	%				Calculation	06/30/09 08:49 / kbh
Anions	5.35	meq/L				Calculation	06/30/09 08:49 / kbh
Cations	5.16	meq/L				Calculation	06/30/09 08:49 / kbh
Solids, Total Dissolved Calculated	341	mg/L				Calculation	06/30/09 08:49 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/30/09 08:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-012
Client Sample ID: MO-108

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	05/26/09 09:59 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/26/09 09:59 / ljl
Bicarbonate as HCO3	125	mg/L		1		A2320 B	05/26/09 09:59 / ljl
Calcium	59	mg/L		1		E200.7	06/08/09 19:41 / aae
Chloride	5	mg/L		1		E300.0	06/08/09 23:45 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 16:43 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 22:18 / aae
Nitrogen, Ammonia as N	0.16	mg/L		0.05		E350.1	05/26/09 11:58 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:33 / eli-b
Potassium	2	mg/L		1		E200.7	06/08/09 19:41 / aae
Silica	12.3	mg/L		0.2		E200.8	06/08/09 16:35 / sml
Sodium	34	mg/L		1		E200.7	06/08/09 19:41 / aae
Sulfate	126	mg/L		1		E300.0	06/08/09 23:45 / ljl
PHYSICAL PROPERTIES							
Conductivity	457	umhos/cm		1		A2510 B	05/21/09 17:43 / dd
pH	8.10	s.u.		0.01		A4500-H B	05/21/09 17:43 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	05/21/09 13:29 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 16:35 / sml
Arsenic	0.001	mg/L		0.001		E200.8	05/23/09 10:40 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 10:40 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 16:35 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 10:40 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 10:40 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 10:40 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 16:35 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 10:40 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/23/09 10:40 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 10:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 10:40 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 10:40 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/23/09 10:40 / ts
Uranium	0.324	mg/L		0.0003		E200.8	05/23/09 10:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 10:40 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 16:35 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/03/09 16:10 / aae
Manganese	0.02	mg/L		0.01		E200.8	05/29/09 04:23 / ts

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-012
Client Sample ID: MO-108

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	397	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	94.5	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	4.0	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	0.42	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	2.5	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.68	%				Calculation	06/30/09 08:50 / kbh
Anions	4.82	meq/L				Calculation	06/30/09 08:50 / kbh
Cations	4.66	meq/L				Calculation	06/30/09 08:50 / kbh
Solids, Total Dissolved Calculated	306	mg/L				Calculation	06/30/09 08:50 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/30/09 08:50 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-013
Client Sample ID: MO-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/26/09 10:06 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/26/09 10:06 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/26/09 10:06 / ljl
Calcium	59	mg/L		1		E200.7	06/08/09 19:47 / aae
Chloride	6	mg/L		1		E300.0	06/09/09 00:01 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 16:49 / ljl
Magnesium	3	mg/L		1		E200.7	06/09/09 22:23 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 11:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.19	mg/L		0.05		E353.2	05/26/09 13:34 / eli-b
Potassium	3	mg/L		1		E200.7	06/08/09 19:47 / aae
Silica	12.6	mg/L		0.2		E200.8	06/08/09 16:42 / sml
Sodium	31	mg/L		1		E200.7	06/08/09 19:47 / aae
Sulfate	126	mg/L		1		E300.0	06/09/09 00:01 / ljl
PHYSICAL PROPERTIES							
Conductivity	468	umhos/cm		1		A2510 B	05/21/09 17:45 / dd
pH	8.10	s.u.		0.01		A4500-H B	05/21/09 17:45 / dd
Solids, Total Dissolved TDS @ 180 C	335	mg/L		10		A2540 C	05/21/09 13:30 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 16:42 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 10:47 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 10:47 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 16:42 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 10:47 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 10:47 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 10:47 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 16:42 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 10:47 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 10:47 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 10:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 10:47 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 10:47 / ts
Selenium	0.025	mg/L		0.001		E200.8	05/23/09 10:47 / ts
Uranium	0.399	mg/L		0.0003		E200.8	05/23/09 10:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 10:47 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 16:42 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 02:29 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 02:29 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-013
Client Sample ID: MO-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	481	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	10.5	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	122	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	3.2	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	3.1	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	0.36	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	3.7	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.02	%				Calculation	06/30/09 08:51 / kbh
Anions	4.95	meq/L				Calculation	06/30/09 08:51 / kbh
Cations	4.57	meq/L				Calculation	06/30/09 08:51 / kbh
Solids, Total Dissolved Calculated	310	mg/L				Calculation	06/30/09 08:51 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/30/09 08:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-014
Client Sample ID: MP-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	344	mg/L		1		A2320 B	05/26/09 10:15 / ljl
Carbonate as CO3	29	mg/L		1		A2320 B	05/26/09 10:15 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	05/26/09 10:15 / ljl
Calcium	121	mg/L		1		E200.7	06/08/09 19:52 / aae
Chloride	31	mg/L		1		E300.0	06/02/09 03:13 / ljl
Fluoride	0.4	mg/L		0.1		A4500-F C	05/24/09 16:53 / ljl
Magnesium	ND	mg/L		1		E200.7	06/09/09 22:40 / aae
Nitrogen, Ammonia as N	0.61	mg/L		0.05		E350.1	05/26/09 12:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:46 / eli-b
Potassium	34	mg/L		1		E200.7	06/08/09 19:52 / aae
Silica	7.1	mg/L		0.2		E200.8	06/08/09 16:49 / sml
Sodium	46	mg/L		1		E200.7	06/08/09 19:52 / aae
Sulfate	84	mg/L		1		E300.0	06/02/09 03:13 / ljl
PHYSICAL PROPERTIES							
Conductivity	1550	umhos/cm		1		A2510 B	05/21/09 17:48 / dd
pH	11.8	s.u.		0.01		A4500-H B	05/21/09 17:48 / dd
Solids, Total Dissolved TDS @ 180 C	574	mg/L		10		A2540 C	05/21/09 13:30 / rp
METALS - DISSOLVED							
Aluminum	0.9	mg/L		0.1		E200.8	06/08/09 16:49 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 10:53 / ts
Barium	0.2	mg/L		0.1		E200.8	05/23/09 10:53 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 16:49 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 10:53 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 10:53 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 10:53 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 16:49 / sml
Lead	0.003	mg/L		0.001		E200.8	05/23/09 10:53 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 10:53 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 10:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 10:53 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 10:53 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 10:53 / ts
Uranium	0.0058	mg/L		0.0003		E200.8	05/23/09 10:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 10:53 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 16:49 / sml
METALS - TOTAL							
Iron	ND	mg/L	D	0.09		E200.7	06/05/09 02:34 / aae
Manganese	ND	mg/L	D	0.1		E200.7	06/05/09 02:34 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-014
Client Sample ID: MP-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	68.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	4.1	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	51.5	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	3.6	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	4.6	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	33	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	3.4	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.28	%				Calculation	06/30/09 08:51 / kbh
Anions	9.53	meq/L				Calculation	06/30/09 08:51 / kbh
Cations	8.92	meq/L				Calculation	06/30/09 08:51 / kbh
Solids, Total Dissolved Calculated	533	mg/L				Calculation	06/30/09 08:51 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/30/09 08:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-015
Client Sample ID: MU-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	94	mg/L		1		A2320 B	05/26/09 10:22 / ljl
Carbonate as CO3	13	mg/L		1		A2320 B	05/26/09 10:22 / ljl
Bicarbonate as HCO3	88	mg/L		1		A2320 B	05/26/09 10:22 / ljl
Calcium	47	mg/L		1		E200.7	06/08/09 19:57 / aae
Chloride	6	mg/L		1		E300.0	06/02/09 03:28 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	05/24/09 17:09 / ljl
Magnesium	ND	mg/L		1		E200.7	06/09/09 22:45 / aae
Nitrogen, Ammonia as N	0.10	mg/L		0.05		E350.1	05/26/09 12:01 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:47 / eli-b
Potassium	11	mg/L		1		E200.7	06/08/09 19:57 / aae
Silica	13.0	mg/L		0.2		E200.8	06/08/09 16:55 / sml
Sodium	32	mg/L		1		E200.7	06/08/09 19:57 / aae
Sulfate	109	mg/L		1		E300.0	06/02/09 03:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	427	umhos/cm		1		A2510 B	05/21/09 17:49 / dd
pH	9.21	s.u.		0.01		A4500-H B	05/21/09 17:49 / dd
Solids, Total Dissolved TDS @ 180 C	309	mg/L		10		A2540 C	05/21/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 16:55 / sml
Arsenic	0.009	mg/L		0.001		E200.8	05/23/09 11:00 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 11:00 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 16:55 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 11:00 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 11:00 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 11:00 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 16:55 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 11:00 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 11:00 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 11:00 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 11:00 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 11:00 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 11:00 / ts
Uranium	0.0128	mg/L		0.0003		E200.8	05/23/09 11:00 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 11:00 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/08/09 16:55 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 02:39 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 02:39 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-015
Client Sample ID: MU-109

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	28.5	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	2.7	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	18.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	2.4	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	0.34	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	3.9	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.06	%				Calculation	06/30/09 08:51 / kbh
Anions	4.34	meq/L				Calculation	06/30/09 08:51 / kbh
Cations	4.08	meq/L				Calculation	06/30/09 08:51 / kbh
Solids, Total Dissolved Calculated	281	mg/L				Calculation	06/30/09 08:51 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	06/30/09 08:51 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-016
Client Sample ID: MP-113

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	05/26/09 10:46 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	05/26/09 10:46 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	05/26/09 10:46 / ljl
Calcium	66	mg/L		1		E200.7	06/08/09 20:14 / aae
Chloride	11	mg/L		1		E300.0	06/02/09 03:44 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	05/24/09 17:11 / ljl
Magnesium	2	mg/L		1		E200.7	06/09/09 22:51 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 12:05 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:48 / eli-b
Potassium	5	mg/L		1		E200.7	06/08/09 20:14 / aae
Silica	11.9	mg/L		0.2		E200.8	06/08/09 17:02 / sml
Sodium	37	mg/L		1		E200.7	06/08/09 20:14 / aae
Sulfate	148	mg/L		1		E300.0	06/02/09 03:44 / ljl
PHYSICAL PROPERTIES							
Conductivity	529	umhos/cm		1		A2510 B	05/21/09 17:51 / dd
pH	8.64	s.u.		0.01		A4500-H B	05/21/09 17:51 / dd
Solids, Total Dissolved TDS @ 180 C	370	mg/L		10		A2540 C	05/21/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 17:02 / sml
Arsenic	0.004	mg/L		0.001		E200.8	05/23/09 11:07 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 11:07 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 17:02 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 11:07 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 11:07 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 11:07 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 17:02 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 11:07 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 11:07 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 11:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 11:07 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 11:07 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 11:07 / ts
Uranium	0.138	mg/L		0.0003		E200.8	05/23/09 11:07 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 11:07 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 17:02 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 02:56 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 02:56 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-016
Client Sample ID: MP-113

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1260	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	17.3	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	340	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	4.8	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	530	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 precision (±)	4.3	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/08/09 14:44 / jah
Radium 228	5.0	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.07	%				Calculation	06/30/09 08:52 / kbh
Anions	5.54	meq/L				Calculation	06/30/09 08:52 / kbh
Cations	5.21	meq/L				Calculation	06/30/09 08:52 / kbh
Solids, Total Dissolved Calculated	350	mg/L				Calculation	06/30/09 08:52 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/30/09 08:52 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-017
Client Sample ID: M-134

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	05/26/09 10:51 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/26/09 10:51 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	05/26/09 10:51 / ljl
Calcium	ND	mg/L		1		E200.7	06/08/09 20:37 / aae
Chloride	ND	mg/L		1		E300.0	06/02/09 03:59 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	05/24/09 17:18 / ljl
Magnesium	ND	mg/L		1		E200.7	06/09/09 22:56 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/26/09 12:09 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/26/09 13:42 / eli-b
Potassium	ND	mg/L		1		E200.7	06/08/09 20:37 / aae
Silica	ND	mg/L		0.2		E200.8	06/08/09 17:36 / sml
Sodium	ND	mg/L		1		E200.7	06/08/09 20:37 / aae
Sulfate	ND	mg/L		1		E300.0	06/02/09 03:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	ND	umhos/cm		1		A2510 B	05/22/09 10:04 / dd
pH	4.62	s.u.		0.01		A4500-H B	05/22/09 10:04 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/21/09 13:31 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/08/09 17:36 / sml
Arsenic	ND	mg/L		0.001		E200.8	05/23/09 11:14 / ts
Barium	ND	mg/L		0.1		E200.8	05/23/09 11:14 / ts
Boron	ND	mg/L		0.1		E200.8	06/08/09 17:36 / sml
Cadmium	ND	mg/L		0.005		E200.8	05/23/09 11:14 / ts
Chromium	ND	mg/L		0.05		E200.8	05/23/09 11:14 / ts
Copper	ND	mg/L		0.01		E200.8	05/23/09 11:14 / ts
Iron	ND	mg/L		0.03		E200.8	06/08/09 17:36 / sml
Lead	ND	mg/L		0.001		E200.8	05/23/09 11:14 / ts
Manganese	ND	mg/L		0.01		E200.8	05/23/09 11:14 / ts
Mercury	ND	mg/L		0.001		E200.8	05/23/09 11:14 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/23/09 11:14 / ts
Nickel	ND	mg/L		0.05		E200.8	05/23/09 11:14 / ts
Selenium	ND	mg/L		0.001		E200.8	05/23/09 11:14 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/23/09 11:14 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/23/09 11:14 / ts
Zinc	ND	mg/L		0.01		E200.8	06/08/09 17:36 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 03:01 / aae
Manganese	ND	mg/L	D	0.02		E200.7	06/05/09 03:01 / aae

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050645-017
Client Sample ID: M-134

Report Date: 07/09/09
Collection Date: 05/20/09
DateReceived: 05/20/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.4	pCi/L	U			E900.0	06/13/09 03:17 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Alpha MDC	1.0	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta	-1	pCi/L	U			E900.0	06/13/09 03:17 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/13/09 03:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/13/09 03:17 / cgr
Radium 226	-0.05	pCi/L	U			E903.0	06/08/09 16:36 / jah
Radium 226 precision (±)	0.1	pCi/L				E903.0	06/08/09 16:36 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/08/09 16:36 / jah
Radium 228	0.4	pCi/L	U			RA-05	06/03/09 10:04 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/03/09 10:04 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/03/09 10:04 / plj
DATA QUALITY							
A/C Balance (± 5)	-57.3	%				Calculation	06/30/09 08:53 / kbh
Anions	0.0316	meq/L				Calculation	06/30/09 08:53 / kbh
Cations	0.00857	meq/L				Calculation	06/30/09 08:53 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B									Batch: R118567
Sample ID: MBLK	Method Blank				Run: MANTECH_090523A				05/23/09 10:56
Alkalinity, Total as CaCO3	4	mg/L	0.2						
Carbonate as CO3	ND	mg/L	1						
Bicarbonate as HCO3	5	mg/L	1						
Sample ID: LCS1	Laboratory Control Sample				Run: MANTECH_090523A				05/23/09 18:07
Alkalinity, Total as CaCO3	207	mg/L	5.0	101	90	110			
Sample ID: LCS	Laboratory Control Sample				Run: MANTECH_090523A				05/23/09 18:14
Alkalinity, Total as CaCO3	54.8	mg/L	5.0	101	90	110			
Sample ID: C09050645-002AMS	Sample Matrix Spike				Run: MANTECH_090523A				05/23/09 20:57
Alkalinity, Total as CaCO3	232	mg/L	5.0	101	80	120			
Sample ID: C09050645-002AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090523A				05/23/09 21:04
Alkalinity, Total as CaCO3	229	mg/L	5.0	98	80	120	1.5	20	
Sample ID: C09050645-009AMS	Sample Matrix Spike				Run: MANTECH_090523A				05/23/09 22:27
Alkalinity, Total as CaCO3	221	mg/L	5.0	102	80	120			
Sample ID: C09050645-009AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090523A				05/23/09 22:34
Alkalinity, Total as CaCO3	220	mg/L	5.0	101	80	120	0.3	20	
Method: A2320 B									Batch: R118640
Sample ID: MBLK	Method Blank				Run: MANTECH_090526A				05/26/09 09:16
Alkalinity, Total as CaCO3	0.9	mg/L	0.2						
Carbonate as CO3	ND	mg/L	1						
Bicarbonate as HCO3	1	mg/L	1						
Sample ID: LCS1	Laboratory Control Sample				Run: MANTECH_090526A				05/26/09 09:31
Alkalinity, Total as CaCO3	203	mg/L	5.0	101	90	110			
Sample ID: LCS	Laboratory Control Sample				Run: MANTECH_090526A				05/26/09 09:38
Alkalinity, Total as CaCO3	53.6	mg/L	5.0	106	90	110			
Sample ID: C09050645-015AMS	Sample Matrix Spike				Run: MANTECH_090526A				05/26/09 10:31
Alkalinity, Total as CaCO3	222	mg/L	5.0	102	80	120			
Sample ID: C09050645-015AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090526A				05/26/09 10:39
Alkalinity, Total as CaCO3	218	mg/L	5.0	99	80	120	1.8	20	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B								Analytical Run: ORION555A_090521B	
Sample ID: ICV2_090521_2	Initial Calibration Verification Standard							05/21/09 13:19	
Conductivity	1450	umhos/cm	1.0	103	90	110			
Method: A2510 B								Batch: 090521_2_PH-W_555A-2	
Sample ID: MBLK1_090521_2	Method Blank				Run: ORION555A_090521B			05/21/09 13:15	
Conductivity	1	umhos/cm	0.2						
Sample ID: C09050645-005ADUP	Sample Duplicate				Run: ORION555A_090521B			05/21/09 14:35	
Conductivity	454	umhos/cm	1.0				0.2	10	
Method: A2510 B								Analytical Run: ORION555A_090521C	
Sample ID: ICV2_090521_3	Initial Calibration Verification Standard							05/21/09 16:59	
Conductivity	1450	umhos/cm	1.0	102	90	110			
Method: A2510 B								Batch: 090521_3_PH-W_555A-2	
Sample ID: MBLK1_090521_3	Method Blank				Run: ORION555A_090521C			05/21/09 16:55	
Conductivity	1	umhos/cm	0.2						
Sample ID: C09050645-006ADUP	Sample Duplicate				Run: ORION555A_090521C			05/21/09 17:30	
Conductivity	466	umhos/cm	1.0				0	10	
Sample ID: C09050645-016ADUP	Sample Duplicate				Run: ORION555A_090521C			05/21/09 17:53	
Conductivity	528	umhos/cm	1.0				0.2	10	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C								Batch: 090521_1_SLDS-TDS-W	
Sample ID: MBLK1_090521	Method Blank				Run: BAL-1_090521A			05/21/09 11:19	
Solids, Total Dissolved TDS @ 180 C	ND	mg/L	6						
Sample ID: LCS1_090521	Laboratory Control Sample				Run: BAL-1_090521A			05/21/09 11:19	
Solids, Total Dissolved TDS @ 180 C	1040	mg/L	10	104	90	110			
Sample ID: C09050645-002AMS	Sample Matrix Spike				Run: BAL-1_090521A			05/21/09 13:26	
Solids, Total Dissolved TDS @ 180 C	2460	mg/L	10	102	90	110			
Sample ID: C09050645-002AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090521A			05/21/09 13:26	
Solids, Total Dissolved TDS @ 180 C	2450	mg/L	10	101	90	110	0.4	10	
Sample ID: C09050645-012AMS	Sample Matrix Spike				Run: BAL-1_090521A			05/21/09 13:30	
Solids, Total Dissolved TDS @ 180 C	2340	mg/L	10	101	90	110			
Sample ID: C09050645-012AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090521A			05/21/09 13:30	
Solids, Total Dissolved TDS @ 180 C	2350	mg/L	10	101	90	110	0.3	10	
Sample ID: C09050645-017AMS	Sample Matrix Spike				Run: BAL-1_090521A			05/21/09 00:00	
Solids, Total Dissolved TDS @ 180 C	2040	mg/L	10	102	90	110			
Sample ID: C09050645-017AMSD	Sample Matrix Spike Duplicate				Run: BAL-1_090521A			05/21/09 00:00	
Solids, Total Dissolved TDS @ 180 C	2050	mg/L	10	102	90	110	0.5	10	
Method: A4500-F C								Batch: R118634	
Sample ID: MBLK-1	Method Blank				Run: MANTECH_090524A			05/24/09 13:27	
Fluoride	ND	mg/L	0.05						
Sample ID: LCS-1	Laboratory Control Sample				Run: MANTECH_090524A			05/24/09 13:29	
Fluoride	1.00	mg/L	0.10	100	90	110			
Sample ID: C09050645-007AMS	Sample Matrix Spike				Run: MANTECH_090524A			05/24/09 16:24	
Fluoride	1.21	mg/L	0.10	100	80	120			
Sample ID: C09050645-007AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090524A			05/24/09 16:29	
Fluoride	1.21	mg/L	0.10	100	80	120	0	10	
Sample ID: C09050645-017AMS	Sample Matrix Spike				Run: MANTECH_090524A			05/24/09 17:22	
Fluoride	1.04	mg/L	0.10	104	80	120			
Sample ID: C09050645-017AMSD	Sample Matrix Spike Duplicate				Run: MANTECH_090524A			05/24/09 17:29	
Fluoride	1.02	mg/L	0.10	102	80	120	1.9	10	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B								Analytical Run: ORION555A_090521B	
Sample ID: ICV1_090521_2	Initial Calibration Verification Standard							05/21/09 13:17	
pH	6.98	s.u.	0.010	102	98	102			
Method: A4500-H B								Batch: 090521_2_PH-W_555A-2	
Sample ID: C09050645-005ADUP	Sample Duplicate				Run: ORION555A_090521B			05/21/09 14:35	
pH	8.01	s.u.	0.010				0	10	
Method: A4500-H B								Analytical Run: ORION555A_090521C	
Sample ID: ICV1_090521_3	Initial Calibration Verification Standard							05/21/09 16:57	
pH	6.92	s.u.	0.010	101	98	102			
Method: A4500-H B								Batch: 090521_3_PH-W_555A-2	
Sample ID: C09050645-006ADUP	Sample Duplicate				Run: ORION555A_090521C			05/21/09 17:30	
pH	8.49	s.u.	0.010				0.1	10	
Sample ID: C09050645-016ADUP	Sample Duplicate				Run: ORION555A_090521C			05/21/09 17:53	
pH	8.63	s.u.	0.010				0.1	10	
Method: A4500-H B								Analytical Run: ORION555A_090522A	
Sample ID: ICV1_090522_1	Initial Calibration Verification Standard							05/22/09 09:59	
pH	6.83	s.u.	0.010	100	98	102			
Method: A4500-H B								Batch: 090522_1_PH-W_555A-2	
Sample ID: C09050668-003ADUP	Sample Duplicate				Run: ORION555A_090522A			05/22/09 10:24	
pH	8.63	s.u.	0.010				0	10	
Method: E200.7								Batch: 22492	
Sample ID: C09050773-001AMS3	Sample Matrix Spike				Run: ICP2-C_090604A			06/05/09 04:35	
Iron	7.45	mg/L	0.33	100	70	130			
Sample ID: C09050773-001AMSD3	Sample Matrix Spike Duplicate				Run: ICP2-C_090604A			06/05/09 04:39	
Iron	7.30	mg/L	0.33	94	70	130	2	20	
Sample ID: MB-22492	Method Blank				Run: ICP3-C_090603A			06/03/09 15:15	
Iron	0.02	mg/L	0.02						
Sample ID: LCS3-22492	Laboratory Control Sample				Run: ICP3-C_090603A			06/03/09 15:20	
Iron	2.47	mg/L	0.030	98	85	115			
Sample ID: C09050773-001AMS3	Sample Matrix Spike				Run: ICP3-C_090603A			06/03/09 17:32	
Iron	7.11	mg/L	0.030	96	70	130			
Sample ID: C09050773-001AMSD3	Sample Matrix Spike Duplicate				Run: ICP3-C_090603A			06/03/09 17:38	
Iron	6.49	mg/L	0.030	71	70	130	9.1	20	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119133
Sample ID: MB-22410	Method Blank				Run: ICP3-C_090604A				06/05/09 00:04
Iron	ND	mg/L	0.01						
Manganese	ND	mg/L	0.003						
Sample ID: C09050645-002CMS	Sample Matrix Spike				Run: ICP3-C_090604A				06/05/09 01:22
Iron	0.427	mg/L	0.030	84	70	130			
Manganese	0.427	mg/L	0.021	84	70	130			
Sample ID: C09050645-002CMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090604A				06/05/09 01:27
Iron	0.481	mg/L	0.030	94	70	130	12	20	
Manganese	0.483	mg/L	0.021	95	70	130	12	20	
Sample ID: C09050645-015CMS	Sample Matrix Spike				Run: ICP3-C_090604A				06/05/09 02:45
Iron	ND	mg/L	0.030		70	130			S
Manganese	ND	mg/L	0.021		70	130			S
Sample ID: C09050645-015CMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090604A				06/05/09 02:50
Iron	ND	mg/L	0.030		70	130		20	S
Manganese	ND	mg/L	0.021		70	130		20	S
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090604A				06/04/09 14:05
Iron	5.2	mg/L	0.030	105	85	115			
Manganese	5.0	mg/L	0.010	101	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119283
Sample ID: C09050696-002AMS	Sample Matrix Spike				Run: ICP3-C_090608B				06/08/09 17:12
Calcium	310	mg/L	1.0		70	130			A
Potassium	125	mg/L	1.0	127	70	130			
Sodium	694	mg/L	1.0		70	130			A
Sample ID: C09050696-002AMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090608B				06/08/09 17:18
Calcium	306	mg/L	1.0		70	130	1.2	20	A
Potassium	120	mg/L	1.0	118	70	130	3.8	20	
Sodium	707	mg/L	1.0		70	130	2	20	A
Sample ID: MB-22453	Method Blank				Run: ICP3-C_090608B				06/08/09 17:23
Calcium	0.6	mg/L	0.2						
Potassium	0.7	mg/L	0.03						
Sodium	2	mg/L	0.1						
Sample ID: C09050645-005BMS	Sample Matrix Spike				Run: ICP3-C_090608B				06/08/09 18:35
Calcium	109	mg/L	1.0	107	70	130			
Potassium	55.3	mg/L	1.0	104	70	130			
Sodium	83.0	mg/L	1.0	105	70	130			
Sample ID: C09050645-005BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090608B				06/08/09 18:40
Calcium	106	mg/L	1.0	103	70	130	2	20	
Potassium	53.3	mg/L	1.0	101	70	130	3.6	20	
Sodium	80.5	mg/L	1.0	100	70	130	3	20	
Sample ID: C09050645-015BMS	Sample Matrix Spike				Run: ICP3-C_090608B				06/08/09 20:03
Calcium	96.1	mg/L	1.0	96	70	130			
Potassium	58.4	mg/L	1.0	93	70	130			
Sodium	80.7	mg/L	1.0	95	70	130			
Sample ID: C09050645-015BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090608B				06/08/09 20:08
Calcium	109	mg/L	1.0	120	70	130	12	20	
Potassium	70.0	mg/L	1.0	116	70	130	18	20	
Sodium	92.9	mg/L	1.0	119	70	130	14	20	
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090608B				06/08/09 16:43
Calcium	57.6	mg/L	0.50	115	85	115			
Potassium	56.9	mg/L	0.50	114	85	115			
Sodium	57.2	mg/L	0.50	114	85	115			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119344
Sample ID: LRB	Method Blank				Run: ICP3-C_090609A				06/09/09 14:33
Magnesium	0.3	mg/L	0.2						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090609A				06/09/09 14:39
Magnesium	55.0	mg/L	0.50	110	85	115			
Sample ID: MB-22468	Method Blank				Run: ICP3-C_090609A				06/09/09 17:25
Magnesium	ND	mg/L	0.2						
Sample ID: C09050645-003BMS	Sample Matrix Spike				Run: ICP3-C_090609A				06/09/09 21:01
Magnesium	45.8	mg/L	1.0	86	70	130			
Sample ID: C09050645-003BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090609A				06/09/09 21:07
Magnesium	37.5	mg/L	1.0	69	70	130	20	20	S
Sample ID: C09050645-013BMS	Sample Matrix Spike				Run: ICP3-C_090609A				06/09/09 22:29
Magnesium	39.2	mg/L	1.0	71	70	130			
Sample ID: C09050645-013BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090609A				06/09/09 22:34
Magnesium	46.6	mg/L	1.0	86	70	130	17	20	
Method: E200.7									Batch: R120007
Sample ID: LRB	Method Blank				Run: ICP3-C_090623A				06/23/09 14:43
Calcium	ND	mg/L	0.2						
Magnesium	ND	mg/L	0.2						
Potassium	ND	mg/L	0.03						
Sodium	ND	mg/L	0.1						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICP3-C_090623A				06/23/09 14:49
Calcium	49.5	mg/L	0.50	99	85	115			
Magnesium	49.6	mg/L	0.50	99	85	115			
Potassium	50.8	mg/L	0.50	102	85	115			
Sodium	48.8	mg/L	0.50	98	85	115			
Sample ID: C09050645-001BMS	Sample Matrix Spike				Run: ICP3-C_090623A				06/23/09 15:24
Calcium	129	mg/L	1.0	87	70	130			
Magnesium	49.7	mg/L	1.0	89	70	130			
Potassium	55.3	mg/L	1.0	104	70	130			
Sodium	95.3	mg/L	1.0	106	70	130			
Sample ID: C09050645-001BMSD	Sample Matrix Spike Duplicate				Run: ICP3-C_090623A				06/23/09 15:30
Calcium	128	mg/L	1.0	84	70	130	1.2	20	
Magnesium	49.5	mg/L	1.0	89	70	130	0.4	20	
Potassium	55.9	mg/L	1.0	105	70	130	1	20	
Sodium	85.0	mg/L	1.0	85	70	130	11	20	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: 22492
Sample ID: MB-22492	Method Blank				Run: ICPMS2-C_090528A				05/29/09 02:49
Manganese	ND	mg/L	0.0001						
Sample ID: LCS3-22492	Laboratory Control Sample				Run: ICPMS2-C_090528A				05/29/09 02:56
Manganese	2.44	mg/L	0.010	98	85	115			
Sample ID: C09050773-001AMS3	Sample Matrix Spike				Run: ICPMS2-C_090528A				05/29/09 07:13
Manganese	2.79	mg/L	0.010	99	70	130			
Sample ID: C09050773-001AMSD3	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090528A				05/29/09 07:20
Manganese	2.77	mg/L	0.010	98	70	130	0.8	20	

Qualifiers:
RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R118566
Sample ID: LRB	Method Blank				Run: ICPMS2-C_090522B				05/22/09 12:35
Arsenic	ND	mg/L	0.0003						
Barium	ND	mg/L	3E-05						
Cadmium	ND	mg/L	6E-05						
Chromium	ND	mg/L	8E-05						
Copper	ND	mg/L	4E-05						
Lead	ND	mg/L	2E-05						
Manganese	ND	mg/L	5E-05						
Mercury	5E-05	mg/L	4E-05						
Molybdenum	ND	mg/L	4E-05						
Nickel	ND	mg/L	9E-05						
Selenium	ND	mg/L	0.001						
Uranium	ND	mg/L	8E-06						
Vanadium	ND	mg/L	9E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_090522B				05/22/09 12:42
Arsenic	0.0500	mg/L	0.0010	100	85	115			
Barium	0.0483	mg/L	0.0010	97	85	115			
Cadmium	0.0494	mg/L	0.0010	99	85	115			
Chromium	0.0488	mg/L	0.0010	98	85	115			
Copper	0.0510	mg/L	0.0010	102	85	115			
Lead	0.0493	mg/L	0.0010	99	85	115			
Manganese	0.0484	mg/L	0.0010	97	85	115			
Mercury	0.00496	mg/L	0.0010	98	85	115			
Molybdenum	0.0498	mg/L	0.0010	100	85	115			
Nickel	0.0506	mg/L	0.0010	101	85	115			
Selenium	0.0498	mg/L	0.0014	100	85	115			
Uranium	0.0483	mg/L	0.00030	97	85	115			
Vanadium	0.0483	mg/L	0.0010	97	85	115			
Sample ID: C09050645-001BMS4	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/23/09 06:35
Arsenic	0.0513	mg/L	0.0010	101	70	130			
Barium	0.0678	mg/L	0.0010	96	70	130			
Cadmium	0.0490	mg/L	0.010	98	70	130			
Chromium	0.0461	mg/L	0.0010	92	70	130			
Copper	0.0466	mg/L	0.010	93	70	130			
Lead	0.0490	mg/L	0.0010	98	70	130			
Manganese	0.0471	mg/L	0.010	92	70	130			
Mercury	0.00489	mg/L	0.0010	98	70	130			
Molybdenum	0.0503	mg/L	0.0010	99	70	130			
Nickel	0.0489	mg/L	0.0010	96	70	130			
Selenium	0.0970	mg/L	0.0010	103	70	130			
Uranium	0.974	mg/L	0.00030		70	130			A
Vanadium	0.0475	mg/L	0.0010	94	70	130			
Sample ID: C09050645-010BMS4	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/23/09 08:44
Arsenic	0.0522	mg/L	0.0010	99	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R118566
Sample ID: C09050645-010BMS4	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/23/09 08:44
Barium	0.0781	mg/L	0.0010	94	70	130			
Cadmium	0.0475	mg/L	0.010	95	70	130			
Chromium	0.0459	mg/L	0.0010	92	70	130			
Copper	0.0447	mg/L	0.010	89	70	130			
Lead	0.0483	mg/L	0.0010	96	70	130			
Manganese	0.0522	mg/L	0.010	92	70	130			
Mercury	0.00479	mg/L	0.0010	96	70	130			
Molybdenum	0.0494	mg/L	0.0010	97	70	130			
Nickel	0.0472	mg/L	0.0010	94	70	130			
Selenium	0.0487	mg/L	0.0010	97	70	130			
Uranium	0.0623	mg/L	0.00030	94	70	130			
Vanadium	0.0468	mg/L	0.0010	94	70	130			
Sample ID: C09050645-010BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090522B				05/23/09 08:51
Arsenic	0.0525	mg/L	0.0010	99	70	130	0.6	20	
Barium	0.0781	mg/L	0.0010	94	70	130	0.1	20	
Cadmium	0.0483	mg/L	0.010	97	70	130	1.5	20	
Chromium	0.0455	mg/L	0.0010	91	70	130	0.9	20	
Copper	0.0451	mg/L	0.010	90	70	130	0.9	20	
Lead	0.0486	mg/L	0.0010	97	70	130	0.6	20	
Manganese	0.0516	mg/L	0.010	91	70	130	1.1	20	
Mercury	0.00481	mg/L	0.0010	96	70	130	0.4	20	
Molybdenum	0.0496	mg/L	0.0010	97	70	130	0.3	20	
Nickel	0.0477	mg/L	0.0010	95	70	130	1.1	20	
Selenium	0.0495	mg/L	0.0010	99	70	130	1.7	20	
Uranium	0.0627	mg/L	0.00030	95	70	130	0.6	20	
Vanadium	0.0468	mg/L	0.0010	94	70	130	0	20	
Sample ID: C09050628-001BMS	Sample Matrix Spike				Run: ICPMS2-C_090522B				05/22/09 14:37
Arsenic	0.512	mg/L	0.0083	102	70	130			
Barium	2.60	mg/L	0.10	478	70	130			S
Cadmium	0.483	mg/L	0.010	97	70	130			
Chromium	0.488	mg/L	0.050	97	70	130			
Copper	40.6	mg/L	0.010		70	130			A
Lead	0.505	mg/L	0.050	101	70	130			
Manganese	0.574	mg/L	0.010	113	70	130			
Mercury	0.0485	mg/L	0.0010	10	70	130			S
Molybdenum	0.495	mg/L	0.10	99	70	130			
Nickel	0.526	mg/L	0.050	104	70	130			
Selenium	0.532	mg/L	0.0082	106	70	130			
Uranium	0.532	mg/L	0.00058	105	70	130			
Vanadium	0.516	mg/L	0.10	102	70	130			
Sample ID: C09050628-001BMSD	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090522B				05/22/09 14:43
Arsenic	0.504	mg/L	0.0083	101	70	130	1.5	20	
Barium	2.60	mg/L	0.10	479	70	130	0.2	20	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R118566
Sample ID: C09050628-001BMSD	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090522B			05/22/09 14:43	
Cadmium	0.483	mg/L	0.010	97	70	130	0.1	20	
Chromium	0.485	mg/L	0.050	96	70	130	0.6	20	
Copper	40.5	mg/L	0.010		70	130	0.3	20	A
Lead	0.507	mg/L	0.050	101	70	130	0.4	20	
Manganese	0.574	mg/L	0.010	113	70	130	0.1	20	
Mercury	0.0489	mg/L	0.0010	10	70	130	0.8	20	S
Molybdenum	0.499	mg/L	0.10	100	70	130	0.9	20	
Nickel	0.523	mg/L	0.050	103	70	130	0.6	20	
Selenium	0.524	mg/L	0.0082	104	70	130	1.6	20	
Uranium	0.533	mg/L	0.00058	106	70	130	0.1	20	
Vanadium	0.517	mg/L	0.10	102	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R119275
Sample ID: LRB	Method Blank				Run: ICPMS4-C_090608A				06/08/09 11:56
Aluminum	ND	mg/L	0.0004						
Boron	ND	mg/L	0.0004						
Iron	ND	mg/L	0.0006						
Silicon	ND	mg/L	0.0003						
Zinc	ND	mg/L	0.0002						
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS4-C_090608A				06/08/09 12:30
Aluminum	0.0515	mg/L	0.0010	103	85	115			
Boron	0.0546	mg/L	0.0010	109	85	115			
Iron	1.28	mg/L	0.0010	103	85	115			
Silicon	0.548	mg/L	0.0010	110	85	115			
Zinc	0.0543	mg/L	0.0010	108	85	115			
Sample ID: C09050645-010BMS4	Sample Matrix Spike				Run: ICPMS4-C_090608A				06/08/09 16:08
Aluminum	0.0550	mg/L	0.0010	98	70	130			
Boron	0.0761	mg/L	0.0010	100	70	130			
Iron	1.27	mg/L	0.030	101	70	130			
Silicon	6.91	mg/L	0.0010		70	130			A
Zinc	0.0674	mg/L	0.010	105	70	130			
Sample ID: C09050645-010BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090608A				06/08/09 16:15
Aluminum	0.0534	mg/L	0.0010	95	70	130	3	20	
Boron	0.0753	mg/L	0.0010	98	70	130	1.1	20	
Iron	1.26	mg/L	0.030	101	70	130	0.2	20	
Silicon	6.87	mg/L	0.0010		70	130	0.6	20	A
Zinc	0.0673	mg/L	0.010	105	70	130	0.2	20	
Sample ID: C09050645-017BMS4	Sample Matrix Spike				Run: ICPMS4-C_090608A				06/08/09 17:43
Aluminum	0.0496	mg/L	0.10	98	70	130			
Boron	0.0596	mg/L	0.10	102	70	130			
Iron	1.29	mg/L	0.030	103	70	130			
Silicon	0.513	mg/L	0.10	50	70	130			S
Zinc	0.0615	mg/L	0.010	106	70	130			
Sample ID: C09050645-017BMSD4	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090608A				06/08/09 17:50
Aluminum	0.0494	mg/L	0.10	98	70	130		20	
Boron	0.0591	mg/L	0.10	101	70	130		20	
Iron	1.29	mg/L	0.030	103	70	130	0	20	
Silicon	0.507	mg/L	0.10	49	70	130	1.2	20	S
Zinc	0.0615	mg/L	0.010	106	70	130	0	20	
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS4-C_090608A				06/08/09 19:19
Aluminum	0.0506	mg/L	0.0010	101	85	115			
Boron	0.0515	mg/L	0.0010	103	85	115			
Iron	1.31	mg/L	0.0010	105	85	115			
Silicon	0.557	mg/L	0.0010	111	85	115			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R119275
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS4-C_090608A				06/08/09 19:19
Zinc	0.0587	mg/L	0.0010	117	85	115			S
Silica	1.19	mg/L	0.0021	112	85	115			
Method: E300.0									Batch: R119052
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090601A				06/01/09 17:27
Chloride	9.63	mg/L	1.0	96	90	110			
Sulfate	38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090601A				06/01/09 17:43
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050645-001AMS	Sample Matrix Spike				Run: IC1-C_090601A				06/01/09 22:20
Chloride	29.0	mg/L	1.0	102	90	110			
Sulfate	255	mg/L	1.0	92	90	110			
Sample ID: C09050645-001AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090601A				06/01/09 22:35
Chloride	28.6	mg/L	1.0	100	90	110	1.2	20	
Sulfate	254	mg/L	1.0	90	90	110	0.4	20	
Sample ID: C09050645-010AMS	Sample Matrix Spike				Run: IC1-C_090601A				06/02/09 01:56
Chloride	23.2	mg/L	1.0	96	90	110			
Sulfate	198	mg/L	1.0	98	90	110			
Sample ID: C09050645-010AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090601A				06/02/09 02:11
Chloride	23.7	mg/L	1.0	98	90	110	2.1	20	
Sulfate	199	mg/L	1.0	100	90	110	0.8	20	
Sample ID: C09050666-002AMS	Sample Matrix Spike				Run: IC1-C_090601A				06/02/09 05:32
Chloride	89.3	mg/L	1.0	101	90	110			
Sulfate	393	mg/L	1.0	99	90	110			
Sample ID: C09050666-002AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090601A				06/02/09 05:47
Chloride	88.9	mg/L	1.0	100	90	110	0.5	20	
Sulfate	396	mg/L	1.0	101	90	110	0.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R119417
Sample ID: LCS	Laboratory Control Sample				Run: IC1-C_090608A				06/08/09 19:23
Chloride	9.51	mg/L	1.0	95	90	110			
Sulfate	38.6	mg/L	1.0	97	90	110			
Sample ID: MBLK	Method Blank				Run: IC1-C_090608A				06/08/09 19:39
Chloride	ND	mg/L	0.04						
Sulfate	ND	mg/L	0.1						
Sample ID: C09050591-008AMS	Sample Matrix Spike				Run: IC1-C_090608A				06/08/09 21:11
Chloride	105	mg/L	1.0	105	90	110			
Sulfate	1190	mg/L	1.0		90	110			A
Sample ID: C09050591-008AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090608A				06/08/09 21:27
Chloride	104	mg/L	1.0	103	90	110	0.8	20	
Sulfate	1190	mg/L	1.0		90	110	0.1	20	A
Sample ID: C09050680-011AMS	Sample Matrix Spike				Run: IC1-C_090608A				06/09/09 00:32
Chloride	332	mg/L	1.0		90	110			A
Sulfate	822	mg/L	1.0	83	90	110			S
Sample ID: C09050680-011AMSD	Sample Matrix Spike Duplicate				Run: IC1-C_090608A				06/09/09 00:47
Chloride	332	mg/L	1.0		90	110	0	20	A
Sulfate	821	mg/L	1.0	82	90	110	0.1	20	S
Method: E350.1									Batch: B_R129945
Sample ID: MBLK	Method Blank				Run: SUB-B129945				05/26/09 08:03
Nitrogen, Ammonia as N	ND	mg/L	0.02						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129945				05/26/09 08:05
Nitrogen, Ammonia as N	1.08	mg/L	0.10	109	90	110			
Sample ID: B09052024-001EMS	Sample Matrix Spike				Run: SUB-B129945				05/26/09 11:39
Nitrogen, Ammonia as N	0.818	mg/L	0.050	82	90	110			S
Sample ID: B09052024-001EMSD	Sample Matrix Spike Duplicate				Run: SUB-B129945				05/26/09 11:40
Nitrogen, Ammonia as N	0.835	mg/L	0.050	84	90	110	2.1	10	S
Sample ID: C09050645-008E	Sample Matrix Spike				Run: SUB-B129945				05/26/09 11:52
Nitrogen, Ammonia as N	1.16	mg/L	0.050	77	90	110			S
Sample ID: C09050645-008E	Sample Matrix Spike Duplicate				Run: SUB-B129945				05/26/09 11:53
Nitrogen, Ammonia as N	1.14	mg/L	0.050	75	90	110	1.3	10	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Batch: B_R129968
Sample ID: MBLK	Method Blank				Run: SUB-B129968				05/26/09 11:27
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.002						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B129968				05/26/09 11:28
Nitrogen, Nitrate+Nitrite as N	0.998	mg/L	0.050	102	90	110			
Sample ID: C09050645-009E	Sample Matrix Spike				Run: SUB-B129968				05/26/09 13:27
Nitrogen, Nitrate+Nitrite as N	1.01	mg/L	0.050	103	90	110			
Sample ID: C09050645-009E	Sample Matrix Spike Duplicate				Run: SUB-B129968				05/26/09 13:28
Nitrogen, Nitrate+Nitrite as N	1.02	mg/L	0.050	104	90	110	1.4	10	
Method: E900.0									Batch: GrAB-0669
Sample ID: MB-GrAB-0669	Method Blank				Run: TENNELEC-3_090610A				06/12/09 04:41
Gross Alpha	2	pCi/L							
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.5	pCi/L							
Gross Beta	-3	pCi/L							U
Gross Beta precision (±)	2	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0669	Laboratory Control Sample				Run: TENNELEC-3_090610A				06/12/09 04:42
Gross Alpha	130	pCi/L		95	70	130			
Sample ID: Cs137-GrAB-0669	Laboratory Control Sample				Run: TENNELEC-3_090610A				06/12/09 04:42
Gross Beta	120	pCi/L		129	70	130			
Sample ID: C09050645-009DMS	Sample Matrix Spike				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Alpha	157	pCi/L		79	70	130			
Sample ID: C09050645-009DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Alpha	158	pCi/L		80	70	130	0.9	16.1	
Sample ID: C09050645-009DMS	Sample Matrix Spike				Run: TENNELEC-3_090610A				06/21/09 20:26
Gross Beta	132	pCi/L		118	70	130			
Sample ID: C09050645-009DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090610A				06/21/09 20:25
Gross Beta	138	pCi/L		123	70	130	3.9	15.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0670
Sample ID: MB-GrAB-0670	Method Blank				Run: G5000W_090610A				06/13/09 03:16
Gross Alpha	-0.4	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.7	pCi/L							
Gross Beta	-1	pCi/L							U
Gross Beta precision (±)	2	pCi/L							
Gross Beta MDC	2	pCi/L							
Sample ID: UNAT-GrAB-0670	Laboratory Control Sample				Run: G5000W_090610A				06/13/09 03:16
Gross Alpha	150	pCi/L		107	70	130			
Sample ID: Cs137-GrAB-0670	Laboratory Control Sample				Run: G5000W_090610A				06/13/09 03:17
Gross Beta	86	pCi/L		96	70	130			
Sample ID: C09050645-017DMS	Sample Matrix Spike				Run: G5000W_090610A				06/13/09 03:17
Gross Alpha	145	pCi/L		106	70	130			
Sample ID: C09050645-017DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090610A				06/13/09 03:17
Gross Alpha	140	pCi/L		102	70	130	3.6	16	
Sample ID: C09050645-017DMS	Sample Matrix Spike				Run: G5000W_090610A				06/13/09 03:17
Gross Beta	87.3	pCi/L		96	70	130			
Sample ID: C09050645-017DMSD	Sample Matrix Spike Duplicate				Run: G5000W_090610A				06/13/09 03:17
Gross Beta	90.0	pCi/L		99	70	130	3.1	16.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0672
Sample ID: MB-GrAB-0672	Method Blank				Run: G5000W_090615A				06/18/09 11:09
Gross Alpha	-0.3	pCi/L							U
Gross Alpha precision (±)	0.6	pCi/L							
Gross Alpha MDC	0.7	pCi/L							
Gross Beta	0.04	pCi/L							U
Gross Beta precision (±)	1	pCi/L							
Gross Beta MDC	1	pCi/L							
Sample ID: UNAT-GrAB-0672	Laboratory Control Sample				Run: G5000W_090615A				06/18/09 11:09
Gross Alpha	140	pCi/L		100	70	130			
Sample ID: Cs137-GrAB-0672	Laboratory Control Sample				Run: G5000W_090615A				06/18/09 11:10
Gross Beta	89	pCi/L		97	70	130			
Sample ID: C09050768-001AMS	Sample Matrix Spike				Run: G5000W_090615A				06/19/09 03:06
Gross Alpha	102	pCi/L		73	70	130			
Sample ID: C09050768-001AMSD	Sample Matrix Spike Duplicate				Run: G5000W_090615A				06/19/09 03:06
Gross Alpha	117	pCi/L		85	70	130	14	18.2	
Sample ID: C09050768-001AMS	Sample Matrix Spike				Run: G5000W_090615A				06/19/09 03:06
Gross Beta	80.6	pCi/L		91	70	130			
Sample ID: C09050768-001AMSD	Sample Matrix Spike Duplicate				Run: G5000W_090615A				06/19/09 03:06
Gross Beta	72.9	pCi/L		83	70	130	10	16.7	
Method: E903.0									Batch: RA226-3696
Sample ID: C09050645-001DMS	Sample Matrix Spike				Run: BERTHOLD 770-1_090527A				06/08/09 10:50
Radium 226	16	pCi/L		91	70	130			
Sample ID: C09050645-001DMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090527A				06/08/09 10:50
Radium 226	17	pCi/L		85	70	130	0.3	23.7	
Sample ID: MB-RA226-3696	Method Blank				Run: BERTHOLD 770-1_090527A				06/08/09 13:00
Radium 226	-0.2	pCi/L							U
Radium 226 precision (±)	0.08	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3696	Laboratory Control Sample				Run: BERTHOLD 770-1_090527A				06/08/09 13:00
Radium 226	7.7	pCi/L		100	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3697
Sample ID: C09050645-010DMS	Sample Matrix Spike				Run: BERTHOLD 770_090527A				06/08/09 14:44
Radium 226	21	pCi/L		83	70	130			
Sample ID: C09050645-010DMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770_090527A				06/08/09 14:44
Radium 226	22	pCi/L		87	70	130	3.8	22.3	
Sample ID: MB-RA226-3697	Method Blank				Run: BERTHOLD 770_090527A				06/08/09 16:36
Radium 226	-0.2	pCi/L							U
Radium 226 precision (±)	0.09	pCi/L							
Radium 226 MDC	0.2	pCi/L							
Sample ID: LCS-RA226-3697	Laboratory Control Sample				Run: BERTHOLD 770_090527A				06/08/09 16:36
Radium 226	7.7	pCi/L		101	70	130			
Method: RA-05									Batch: RA228-2681
Sample ID: LCS-228-RA226-3696	Laboratory Control Sample				Run: TENNELEC-3_090527D				06/02/09 13:51
Radium 228	7.83	pCi/L		94	70	130			
Sample ID: MB-RA226-3696	Method Blank				Run: TENNELEC-3_090527D				06/02/09 13:51
Radium 228	-0.3	pCi/L							U
Radium 228 precision (±)	0.8	pCi/L							
Radium 228 MDC	1	pCi/L							
Sample ID: C09050645-002DMS	Sample Matrix Spike				Run: TENNELEC-3_090527D				06/02/09 13:51
Radium 228	21.3	pCi/L		93	70	130			
Sample ID: C09050645-002DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090527D				06/02/09 13:51
Radium 228	21.8	pCi/L		99	70	130	2.3	33.5	
Method: RA-05									Batch: RA228-2682
Sample ID: LCS-228-RA226-3697	Laboratory Control Sample				Run: TENNELEC-3_090527E				06/03/09 10:04
Radium 228	9.01	pCi/L		97	70	130			
Sample ID: MB-RA226-3697	Method Blank				Run: TENNELEC-3_090527E				06/03/09 10:04
Radium 228	0.6	pCi/L							U
Radium 228 precision (±)	0.9	pCi/L							
Radium 228 MDC	2	pCi/L							
Sample ID: C09050645-011DMS	Sample Matrix Spike				Run: TENNELEC-3_090527E				06/03/09 10:04
Radium 228	20.6	pCi/L		106	70	130			
Sample ID: C09050645-011DMSD	Sample Matrix Spike Duplicate				Run: TENNELEC-3_090527E				06/03/09 10:04
Radium 228	21.5	pCi/L		105	70	130	4.3	32.9	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Client
Receipt Temp 11 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8												
1	MO-104 #43	5-20-09		W 2gal													
2	MP-104 #44																
3	MU-104 #45																
4	MO-106 #46																
5	MP-106 #47															C09050645	
6	MU-106 #48																
7	MO-107 #49																
8	MP-107 #50																
9	MU-107 #51																
10	M-133 #52																

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
[illegible]	5-20-09-3:41	[signature]			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: Andrew Larsen	Date/Time: 5/20/09 1541	Signature: [signature]

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____
☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED: Guideline 8; SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Client
Receipt Temp 11 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8	SEE ATTACHED
1	MO-108 #53	5-20-09		W 2gal		
2	MP-108 #54					
3	MO-109 #55					
4	MP-109 #56					
5	MU-109 #57					
6	MP-113 #58					
7	M-134 #59					
8						
9						
10						

Comments: C0905 0045

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay [illegible]	5-20-09 3:41				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: Andrea Larsen	5/20/09 1541	

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050645

UR Energy USA Inc

Login completed by: Corinne Wagner

Reviewed by:

Reviewed Date:

Date and Time Received: 5/20/2009 3:41 PM

Received by: al

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	11°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050645

Date: 09-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09050746 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 5/22/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09050746-001	MO-103	05/21/09 0:00	05/22/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09050746-002	MP-103	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-003	MU-103	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-004	MO-105	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-005	MP-105	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-006	MU-105	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-007	KPW-2	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-008	M-135	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-009	MO-101	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-010	MP-101	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-011	MU-101	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-012	MO-102	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-013	MP-102	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-014	MU-102	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-015	MP-111	05/21/09 0:00	05/22/09	Aqueous	Same As Above
C09050746-016	M-136	05/21/09 0:00	05/22/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-001
Client Sample ID: MO-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	05/28/09 01:57 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 01:57 / ljl
Bicarbonate as HCO3	129	mg/L		1		A2320 B	05/28/09 01:57 / ljl
Calcium	62	mg/L		1		E200.7	06/05/09 14:01 / cp
Chloride	5	mg/L		1		E300.0	06/06/09 04:46 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/02/09 15:09 / ljl
Magnesium	3	mg/L		1		E200.7	06/05/09 14:01 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:19 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.15	mg/L		0.05		E353.2	05/29/09 11:23 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 14:01 / cp
Silica	15.5	mg/L		0.2		E200.7	06/05/09 14:01 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 14:01 / cp
Sulfate	124	mg/L		1		E300.0	06/06/09 04:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	448	umhos/cm		1		A2510 B	05/26/09 17:07 / dd
pH	7.90	s.u.		0.01		A4500-H B	05/26/09 17:07 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	05/27/09 10:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:01 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/28/09 01:48 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 01:48 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:01 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 01:48 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 01:48 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 01:48 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:01 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 01:48 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 01:48 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 01:48 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 01:48 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 01:48 / ts
Selenium	0.015	mg/L		0.001		E200.8	05/28/09 01:48 / ts
Uranium	0.326	mg/L		0.0003		E200.8	05/28/09 01:48 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 01:48 / ts
Zinc	ND	mg/L		0.01		E200.8	06/11/09 16:48 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 17:55 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 17:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-001
Client Sample ID: MO-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	267	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Alpha precision (±)	6.7	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta	81.1	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/13/09 11:46 / cgr
Radium 226	2.1	pCi/L				E903.0	06/08/09 11:15 / jah
Radium 226 precision (±)	0.32	pCi/L				E903.0	06/08/09 11:15 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/08/09 11:15 / jah
Radium 228	1.8	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/03/09 12:55 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.33	%				Calculation	06/10/09 09:59 / kbh
Anions	4.85	meq/L				Calculation	06/10/09 09:59 / kbh
Cations	4.72	meq/L				Calculation	06/10/09 09:59 / kbh
Solids, Total Dissolved Calculated	310	mg/L				Calculation	06/10/09 09:59 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/10/09 09:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-002
Client Sample ID: MP-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	81	mg/L		1		A2320 B	05/28/09 11:40 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 11:40 / ljl
Bicarbonate as HCO3	98	mg/L		1		A2320 B	05/28/09 11:40 / ljl
Calcium	58	mg/L		1		E200.7	06/05/09 14:05 / cp
Chloride	5	mg/L		1		E300.0	06/06/09 05:02 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/02/09 15:18 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 14:05 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:20 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/28/09 14:54 / eli-b
Potassium	7	mg/L		1		E200.7	06/05/09 14:05 / cp
Silica	15.0	mg/L		0.2		E200.7	06/05/09 14:05 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 14:05 / cp
Sulfate	138	mg/L		1		E300.0	06/06/09 05:02 / ljl
PHYSICAL PROPERTIES							
Conductivity	446	umhos/cm		1		A2510 B	05/26/09 17:09 / dd
pH	8.66	s.u.		0.01		A4500-H B	05/26/09 17:09 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	05/27/09 11:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:05 / cp
Arsenic	0.017	mg/L		0.001		E200.8	05/28/09 04:11 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:11 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:05 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:11 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:11 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:11 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:05 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:11 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:11 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:11 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:11 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/28/09 04:11 / ts
Uranium	0.438	mg/L		0.0003		E200.8	05/28/09 04:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:11 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:05 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:08 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:08 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-002
Client Sample ID: MP-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	803	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Alpha precision (±)	11.6	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta	330	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta precision (±)	4.9	pCi/L				E900.0	06/13/09 11:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/13/09 11:46 / cgr
Radium 226	225	pCi/L				E903.0	06/08/09 11:29 / jah
Radium 226 precision (±)	8.1	pCi/L				E903.0	06/08/09 11:29 / jah
Radium 226 MDC	0.58	pCi/L				E903.0	06/08/09 11:29 / jah
Radium 228	4.2	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/03/09 12:55 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.673	%				Calculation	06/10/09 09:59 / kbh
Anions	4.65	meq/L				Calculation	06/10/09 09:59 / kbh
Cations	4.59	meq/L				Calculation	06/10/09 09:59 / kbh
Solids, Total Dissolved Calculated	309	mg/L				Calculation	06/10/09 09:59 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/10/09 09:59 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-003
Client Sample ID: MU-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	97	mg/L		1		A2320 B	05/28/09 11:47 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 11:47 / ljl
Bicarbonate as HCO3	118	mg/L		1		A2320 B	05/28/09 11:47 / ljl
Calcium	48	mg/L		1		E200.7	06/05/09 14:09 / cp
Chloride	4	mg/L		1		E300.0	06/06/09 05:17 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/02/09 15:20 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 14:09 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:22 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.20	mg/L		0.05		E353.2	05/28/09 14:46 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 14:09 / cp
Silica	15.6	mg/L		0.2		E200.7	06/05/09 14:09 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 14:09 / cp
Sulfate	101	mg/L		1		E300.0	06/06/09 05:17 / ljl
PHYSICAL PROPERTIES							
Conductivity	389	umhos/cm		1		A2510 B	05/26/09 17:11 / dd
pH	8.45	s.u.		0.01		A4500-H B	05/26/09 17:11 / dd
Solids, Total Dissolved TDS @ 180 C	277	mg/L		10		A2540 C	05/27/09 11:05 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:09 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/28/09 04:18 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:18 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:09 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:18 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:18 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:18 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:09 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:18 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:18 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:18 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:18 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 04:18 / ts
Uranium	0.0236	mg/L		0.0003		E200.8	05/28/09 04:18 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:18 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:09 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:16 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:16 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-003
Client Sample ID: MU-103

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	175	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha precision (±)	5.3	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha MDC	1.3	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta	62.7	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/18/09 03:46 / cgr
Radium 226	63	pCi/L				E903.0	06/08/09 12:24 / jah
Radium 226 precision (±)	2.2	pCi/L				E903.0	06/08/09 12:24 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/08/09 12:24 / jah
Radium 228	3.3	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/03/09 12:55 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.57	%				Calculation	06/10/09 10:00 / kbh
Anions	4.18	meq/L				Calculation	06/10/09 10:00 / kbh
Cations	3.90	meq/L				Calculation	06/10/09 10:00 / kbh
Solids, Total Dissolved Calculated	267	mg/L				Calculation	06/10/09 10:00 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/10/09 10:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-004
Client Sample ID: MO-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	05/28/09 11:54 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 11:54 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	05/28/09 11:54 / ljl
Calcium	79	mg/L		1		E200.7	06/05/09 14:14 / cp
Chloride	6	mg/L		1		E300.0	06/06/09 05:33 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/02/09 15:24 / ljl
Magnesium	4	mg/L		1		E200.7	06/05/09 14:14 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:23 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.10	mg/L		0.05		E353.2	05/28/09 14:55 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 14:14 / cp
Silica	15.3	mg/L		0.2		E200.7	06/05/09 14:14 / cp
Sodium	29	mg/L		1		E200.7	06/05/09 14:14 / cp
Sulfate	174	mg/L		1		E300.0	06/06/09 05:33 / ljl
PHYSICAL PROPERTIES							
Conductivity	557	umhos/cm		1		A2510 B	05/26/09 17:14 / dd
pH	7.75	s.u.		0.01		A4500-H B	05/26/09 17:14 / dd
Solids, Total Dissolved TDS @ 180 C	402	mg/L		10		A2540 C	05/27/09 11:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:14 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/28/09 04:24 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:24 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:14 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:24 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:24 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:24 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:14 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:24 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:24 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:24 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:24 / ts
Selenium	0.014	mg/L		0.001		E200.8	05/28/09 04:24 / ts
Uranium	0.473	mg/L		0.0003		E200.8	05/28/09 04:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:24 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:14 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:20 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:20 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-004
Client Sample ID: MO-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	463	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta	131	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/18/09 03:46 / cgr
Radium 226	2.5	pCi/L				E903.0	06/08/09 16:36 / jah
Radium 226 precision (±)	0.35	pCi/L				E903.0	06/08/09 16:36 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/08/09 16:36 / jah
Radium 228	3.3	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/03/09 12:55 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/03/09 12:55 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.76	%				Calculation	06/10/09 10:00 / kbh
Anions	6.08	meq/L				Calculation	06/10/09 10:00 / kbh
Cations	5.53	meq/L				Calculation	06/10/09 10:00 / kbh
Solids, Total Dissolved Calculated	382	mg/L				Calculation	06/10/09 10:00 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/10/09 10:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-005
Client Sample ID: MP-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	05/28/09 12:01 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:01 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/28/09 12:01 / ljl
Calcium	75	mg/L		1		E200.7	06/05/09 14:18 / cp
Chloride	6	mg/L		1		E300.0	06/06/09 06:19 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/02/09 15:26 / ljl
Magnesium	3	mg/L		1		E200.7	06/05/09 14:18 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:24 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/28/09 14:56 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 14:18 / cp
Silica	14.4	mg/L		0.2		E200.7	06/05/09 14:18 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 14:18 / cp
Sulfate	168	mg/L		1		E300.0	06/06/09 06:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	536	umhos/cm		1		A2510 B	05/26/09 17:16 / dd
pH	7.77	s.u.		0.01		A4500-H B	05/26/09 17:16 / dd
Solids, Total Dissolved TDS @ 180 C	385	mg/L		10		A2540 C	05/27/09 11:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:18 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/28/09 04:31 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:31 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:31 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:31 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:31 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:18 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:31 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:31 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:31 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:31 / ts
Selenium	0.002	mg/L		0.001		E200.8	05/28/09 04:31 / ts
Uranium	0.0689	mg/L		0.0003		E200.8	05/28/09 04:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:31 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:18 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:36 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:36 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-005
Client Sample ID: MP-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	305	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha precision (±)	7.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta	143	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta precision (±)	3.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/18/09 03:46 / cgr
Radium 226	97	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 226 precision (±)	2.2	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 228	2.6	pCi/L				RA-05	06/04/09 10:36 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/04/09 10:36 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/04/09 10:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.48	%				Calculation	06/10/09 10:00 / kbh
Anions	5.79	meq/L				Calculation	06/10/09 10:00 / kbh
Cations	5.40	meq/L				Calculation	06/10/09 10:00 / kbh
Solids, Total Dissolved Calculated	367	mg/L				Calculation	06/10/09 10:00 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/10/09 10:00 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-006
Client Sample ID: MU-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	90	mg/L		1		A2320 B	05/28/09 12:08 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:08 / ljl
Bicarbonate as HCO3	109	mg/L		1		A2320 B	05/28/09 12:08 / ljl
Calcium	46	mg/L		1		E200.7	06/05/09 14:22 / cp
Chloride	4	mg/L		1		E300.0	06/06/09 07:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/02/09 15:30 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 14:22 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:25 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/28/09 14:57 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 14:22 / cp
Silica	16.1	mg/L		0.2		E200.7	06/05/09 14:22 / cp
Sodium	25	mg/L		1		E200.7	06/05/09 14:22 / cp
Sulfate	94	mg/L		1		E300.0	06/06/09 07:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	359	umhos/cm		1		A2510 B	05/26/09 17:18 / dd
pH	8.26	s.u.		0.01		A4500-H B	05/26/09 17:18 / dd
Solids, Total Dissolved TDS @ 180 C	279	mg/L		10		A2540 C	05/27/09 11:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:22 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/28/09 04:38 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:38 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:22 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:38 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:38 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:38 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:22 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:38 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:38 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:38 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:38 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 04:38 / ts
Uranium	0.0108	mg/L		0.0003		E200.8	05/28/09 04:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:38 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:22 / cp
METALS - TOTAL							
Iron	0.45	mg/L		0.03		E200.8	06/05/09 21:49 / sml
Manganese	ND	mg/L		0.01		E200.8	06/05/09 21:49 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-006
Client Sample ID: MU-105

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	60.7	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta	35.5	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	06/18/09 03:46 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/18/09 03:46 / cgr
Radium 226	4.6	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 226 precision (±)	0.54	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 226 MDC	0.28	pCi/L				E903.0	06/09/09 14:48 / jah
Radium 228	3.7	pCi/L				RA-05	06/04/09 10:36 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/04/09 10:36 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/04/09 10:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.74	%				Calculation	06/10/09 10:01 / kbh
Anions	3.88	meq/L				Calculation	06/10/09 10:01 / kbh
Cations	3.60	meq/L				Calculation	06/10/09 10:01 / kbh
Solids, Total Dissolved Calculated	248	mg/L				Calculation	06/10/09 10:01 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/10/09 10:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-007
Client Sample ID: KPW-2

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/28/09 12:31 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:31 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/28/09 12:31 / ljl
Calcium	54	mg/L		1		E200.7	06/05/09 14:34 / cp
Chloride	5	mg/L		1		E300.0	06/06/09 07:20 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/02/09 15:32 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 14:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/28/09 14:59 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 14:34 / cp
Silica	16.1	mg/L		0.2		E200.7	06/05/09 14:34 / cp
Sodium	29	mg/L		1		E200.7	06/05/09 14:34 / cp
Sulfate	110	mg/L		1		E300.0	06/06/09 07:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	427	umhos/cm		1		A2510 B	05/26/09 17:21 / dd
pH	8.11	s.u.		0.01		A4500-H B	05/26/09 17:21 / dd
Solids, Total Dissolved TDS @ 180 C	301	mg/L		10		A2540 C	05/27/09 11:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 14:34 / cp
Arsenic	0.002	mg/L		0.001		E200.8	05/28/09 04:45 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:45 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 14:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:45 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:45 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:45 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 14:34 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:45 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:45 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:45 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:45 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:45 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 04:45 / ts
Uranium	0.0187	mg/L		0.0003		E200.8	05/28/09 04:45 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:45 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 14:34 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:40 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:40 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-007
Client Sample ID: KPW-2

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	42.6	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Alpha precision (±)	3.1	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta	17.9	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/28/09 03:28 / cgr
Radium 226	4.5	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 226 precision (±)	0.45	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 228	3.6	pCi/L				RA-05	06/04/09 12:48 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/04/09 12:48 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/04/09 12:48 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.37	%				Calculation	06/10/09 10:01 / kbh
Anions	4.56	meq/L				Calculation	06/10/09 10:01 / kbh
Cations	4.18	meq/L				Calculation	06/10/09 10:01 / kbh
Solids, Total Dissolved Calculated	287	mg/L				Calculation	06/10/09 10:01 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/10/09 10:01 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-008
Client Sample ID: M-135

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	80	mg/L		1		A2320 B	05/28/09 12:38 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:38 / ljl
Bicarbonate as HCO3	98	mg/L		1		A2320 B	05/28/09 12:38 / ljl
Calcium	58	mg/L		1		E200.7	06/05/09 15:30 / cp
Chloride	5	mg/L		1		E300.0	06/06/09 07:36 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/04/09 11:50 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 15:30 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:24 / eli-b
Potassium	7	mg/L		1		E200.7	06/05/09 15:30 / cp
Silica	15.2	mg/L		0.2		E200.7	06/05/09 15:30 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 15:30 / cp
Sulfate	139	mg/L		1		E300.0	06/06/09 07:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	447	umhos/cm		1		A2510 B	05/26/09 17:22 / dd
pH	8.56	s.u.		0.01		A4500-H B	05/26/09 17:22 / dd
Solids, Total Dissolved TDS @ 180 C	324	mg/L		10		A2540 C	05/27/09 11:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:30 / cp
Arsenic	0.017	mg/L		0.001		E200.8	05/28/09 04:51 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:51 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:30 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:51 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:51 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:51 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:30 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:51 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 04:51 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:51 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:51 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:51 / ts
Selenium	0.005	mg/L		0.001		E200.8	05/28/09 04:51 / ts
Uranium	0.446	mg/L		0.0003		E200.8	05/28/09 04:51 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:51 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 15:30 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:44 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:44 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-008
Client Sample ID: M-135

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	859	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	13.5	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	345	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	4.7	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	228	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 226 precision (±)	3.1	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/09/09 10:13 / jah
Radium 228	3.9	pCi/L				RA-05	06/04/09 12:47 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/04/09 12:47 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/04/09 12:47 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.668	%				Calculation	06/10/09 10:02 / kbh
Anions	4.65	meq/L				Calculation	06/10/09 10:02 / kbh
Cations	4.58	meq/L				Calculation	06/10/09 10:02 / kbh
Solids, Total Dissolved Calculated	309	mg/L				Calculation	06/10/09 10:02 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/10/09 10:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-009
Client Sample ID: MO-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	05/28/09 12:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:45 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	05/28/09 12:45 / ljl
Calcium	92	mg/L		1		E200.7	06/05/09 15:34 / cp
Chloride	9	mg/L		1		E300.0	06/06/09 07:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/04/09 12:00 / ljl
Magnesium	4	mg/L		1		E200.7	06/05/09 15:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:25 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 15:34 / cp
Silica	15.7	mg/L		0.2		E200.7	06/05/09 15:34 / cp
Sodium	31	mg/L		1		E200.7	06/05/09 15:34 / cp
Sulfate	200	mg/L		1		E300.0	06/06/09 07:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	612	umhos/cm		1		A2510 B	05/26/09 17:26 / dd
pH	7.84	s.u.		0.01		A4500-H B	05/26/09 17:26 / dd
Solids, Total Dissolved TDS @ 180 C	442	mg/L		10		A2540 C	05/27/09 11:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:34 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/28/09 04:58 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 04:58 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 04:58 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 04:58 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 04:58 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:34 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 04:58 / ts
Manganese	0.01	mg/L		0.01		E200.8	05/28/09 04:58 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 04:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 04:58 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 04:58 / ts
Selenium	0.013	mg/L		0.001		E200.8	05/28/09 04:58 / ts
Uranium	0.378	mg/L		0.0003		E200.8	05/28/09 04:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 04:58 / ts
Zinc	0.02	mg/L		0.01		E200.7	06/05/09 15:34 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:48 / cp
Manganese	0.01	mg/L		0.01		E200.7	06/05/09 18:48 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-009
Client Sample ID: MO-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	552	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	11.7	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	118	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	5.0	pCi/L				E903.0	06/14/09 20:44 / jah
Radium 226 precision (±)	0.51	pCi/L				E903.0	06/14/09 20:44 / jah
Radium 226 MDC	0.12	pCi/L				E903.0	06/14/09 20:44 / jah
Radium 228	2.9	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.14	%				Calculation	06/10/09 10:02 / kbh
Anions	6.64	meq/L				Calculation	06/10/09 10:02 / kbh
Cations	6.36	meq/L				Calculation	06/10/09 10:02 / kbh
Solids, Total Dissolved Calculated	425	mg/L				Calculation	06/10/09 10:02 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/10/09 10:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-010
Client Sample ID: MP-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	119	mg/L		1		A2320 B	05/28/09 12:52 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 12:52 / ljl
Bicarbonate as HCO3	145	mg/L		1		A2320 B	05/28/09 12:52 / ljl
Calcium	84	mg/L		1		E200.7	06/05/09 15:38 / cp
Chloride	6	mg/L		1		E300.0	06/06/09 08:07 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/04/09 12:03 / ljl
Magnesium	4	mg/L		1		E200.7	06/05/09 15:38 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:35 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:26 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 15:38 / cp
Silica	16.3	mg/L		0.2		E200.7	06/05/09 15:38 / cp
Sodium	28	mg/L		1		E200.7	06/05/09 15:38 / cp
Sulfate	172	mg/L		1		E300.0	06/06/09 08:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	560	umhos/cm		1		A2510 B	05/26/09 17:28 / dd
pH	7.89	s.u.		0.01		A4500-H B	05/26/09 17:28 / dd
Solids, Total Dissolved TDS @ 180 C	425	mg/L		10		A2540 C	05/27/09 11:10 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:38 / cp
Arsenic	0.005	mg/L		0.001		E200.8	05/28/09 05:05 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 05:05 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 05:05 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 05:05 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 05:05 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:38 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 05:05 / ts
Manganese	0.02	mg/L		0.01		E200.8	05/28/09 05:05 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 05:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 05:05 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 05:05 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 05:05 / ts
Uranium	0.0692	mg/L		0.0003		E200.8	05/28/09 05:05 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 05:05 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 15:38 / cp
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	06/05/09 18:52 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/05/09 18:52 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-010
Client Sample ID: MP-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	482	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	10.7	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	121	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	272	pCi/L				E903.0	06/14/09 23:57 / jah
Radium 226 precision (±)	9.7	pCi/L				E903.0	06/14/09 23:57 / jah
Radium 226 MDC	0.63	pCi/L				E903.0	06/14/09 23:57 / jah
Radium 228	5.2	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.06	%				Calculation	06/10/09 10:02 / kbh
Anions	6.13	meq/L				Calculation	06/10/09 10:02 / kbh
Cations	5.77	meq/L				Calculation	06/10/09 10:02 / kbh
Solids, Total Dissolved Calculated	388	mg/L				Calculation	06/10/09 10:02 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	06/10/09 10:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-011
Client Sample ID: MU-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	05/28/09 13:00 / ljl
Carbonate as CO3	6	mg/L		1		A2320 B	05/28/09 13:00 / ljl
Bicarbonate as HCO3	125	mg/L		1		A2320 B	05/28/09 13:00 / ljl
Calcium	69	mg/L		1		E200.7	06/05/09 15:42 / cp
Chloride	5	mg/L		1		E300.0	06/06/09 08:22 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/04/09 12:05 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 15:42 / cp
Nitrogen, Ammonia as N	0.08	mg/L		0.05		E350.1	05/28/09 11:36 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:28 / eli-b
Potassium	8	mg/L		1		E200.7	06/05/09 15:42 / cp
Silica	17.1	mg/L		0.2		E200.7	06/05/09 15:42 / cp
Sodium	28	mg/L		1		E200.7	06/05/09 15:42 / cp
Sulfate	147	mg/L		1		E300.0	06/06/09 08:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	503	umhos/cm		1		A2510 B	05/26/09 17:32 / dd
pH	8.77	s.u.		0.01		A4500-H B	05/26/09 17:32 / dd
Solids, Total Dissolved TDS @ 180 C	391	mg/L		10		A2540 C	05/27/09 11:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:42 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/28/09 05:39 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 05:39 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 05:39 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 05:39 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 05:39 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:42 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 05:39 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 05:39 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 05:39 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 05:39 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 05:39 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 05:39 / ts
Uranium	0.0075	mg/L		0.0003		E200.8	05/28/09 05:39 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 05:39 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 15:42 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 18:56 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 18:56 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-011
Client Sample ID: MU-101

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	38.4	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	3.2	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.1	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	21.2	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	9.8	pCi/L				E903.0	06/15/09 01:27 / jah
Radium 226 precision (±)	0.66	pCi/L				E903.0	06/15/09 01:27 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	06/15/09 01:27 / jah
Radium 228	4.6	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.82	%				Calculation	06/10/09 10:03 / kbh
Anions	5.44	meq/L				Calculation	06/10/09 10:03 / kbh
Cations	5.04	meq/L				Calculation	06/10/09 10:03 / kbh
Solids, Total Dissolved Calculated	348	mg/L				Calculation	06/10/09 10:03 / kbh
TDS Balance (0.80 - 1.20)	1.12					Calculation	06/10/09 10:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-012
Client Sample ID: MO-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	05/28/09 13:15 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 13:15 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	05/28/09 13:15 / ljl
Calcium	82	mg/L		1		E200.7	06/05/09 15:46 / cp
Chloride	6	mg/L		1		E300.0	06/06/09 08:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/04/09 12:09 / ljl
Magnesium	4	mg/L		1		E200.7	06/05/09 15:46 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:37 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:29 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 15:46 / cp
Silica	15.4	mg/L		0.2		E200.7	06/05/09 15:46 / cp
Sodium	30	mg/L		1		E200.7	06/05/09 15:46 / cp
Sulfate	184	mg/L		1		E300.0	06/06/09 08:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	566	umhos/cm		1		A2510 B	05/26/09 17:34 / dd
pH	7.94	s.u.		0.01		A4500-H B	05/26/09 17:34 / dd
Solids, Total Dissolved TDS @ 180 C	434	mg/L		10		A2540 C	05/27/09 11:11 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:46 / cp
Arsenic	0.003	mg/L		0.001		E200.8	05/28/09 05:59 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 05:59 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:46 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 05:59 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 05:59 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 05:59 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:46 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 05:59 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 05:59 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 05:59 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 05:59 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 05:59 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 05:59 / ts
Uranium	0.341	mg/L		0.0003		E200.8	05/28/09 05:59 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 05:59 / ts
Zinc	0.01	mg/L		0.01		E200.7	06/05/09 15:46 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 19:00 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 19:00 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-012
Client Sample ID: MO-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	402	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Alpha precision (±)	9.7	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Alpha MDC	2.2	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta	114	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/28/09 03:28 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/28/09 03:28 / cgr
Radium 226	7.9	pCi/L				E903.0	06/15/09 02:58 / jah
Radium 226 precision (±)	0.69	pCi/L				E903.0	06/15/09 02:58 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/15/09 02:58 / jah
Radium 228	2.3	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.95	%				Calculation	06/10/09 10:03 / kbh
Anions	6.15	meq/L				Calculation	06/10/09 10:03 / kbh
Cations	5.80	meq/L				Calculation	06/10/09 10:03 / kbh
Solids, Total Dissolved Calculated	393	mg/L				Calculation	06/10/09 10:03 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	06/10/09 10:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-013
Client Sample ID: MP-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	05/28/09 13:22 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 13:22 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	05/28/09 13:22 / ljl
Calcium	64	mg/L		1		E200.7	06/05/09 15:50 / cp
Chloride	4	mg/L		1		E300.0	06/06/09 08:53 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/04/09 12:12 / ljl
Magnesium	3	mg/L		1		E200.7	06/05/09 15:50 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:36 / eli-b
Potassium	2	mg/L		1		E200.7	06/05/09 15:50 / cp
Silica	16.2	mg/L		0.2		E200.7	06/05/09 15:50 / cp
Sodium	26	mg/L		1		E200.7	06/05/09 15:50 / cp
Sulfate	125	mg/L		1		E300.0	06/06/09 08:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	456	umhos/cm		1		A2510 B	05/26/09 17:37 / dd
pH	7.88	s.u.		0.01		A4500-H B	05/26/09 17:37 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	05/27/09 11:12 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:50 / cp
Arsenic	0.001	mg/L		0.001		E200.8	05/28/09 06:06 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 06:06 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 06:06 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 06:06 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 06:06 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:50 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 06:06 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 06:06 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 06:06 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 06:06 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 06:06 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 06:06 / ts
Uranium	0.0754	mg/L		0.0003		E200.8	05/28/09 06:06 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 06:06 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 15:50 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 19:25 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 19:25 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-013
Client Sample ID: MP-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	574	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	11.2	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	159	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	3.4	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	303	pCi/L				E903.0	06/15/09 03:09 / jah
Radium 226 precision (±)	11	pCi/L				E903.0	06/15/09 03:09 / jah
Radium 226 MDC	0.70	pCi/L				E903.0	06/15/09 03:09 / jah
Radium 228	4.3	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.16	%				Calculation	06/10/09 10:04 / kbh
Anions	4.95	meq/L				Calculation	06/10/09 10:04 / kbh
Cations	4.65	meq/L				Calculation	06/10/09 10:04 / kbh
Solids, Total Dissolved Calculated	312	mg/L				Calculation	06/10/09 10:04 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/10/09 10:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-014
Client Sample ID: MU-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	102	mg/L		1		A2320 B	05/28/09 13:29 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 13:29 / ljl
Bicarbonate as HCO3	125	mg/L		1		A2320 B	05/28/09 13:29 / ljl
Calcium	52	mg/L		1		E200.7	06/05/09 15:54 / cp
Chloride	4	mg/L		1		E300.0	06/06/09 09:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/04/09 12:14 / ljl
Magnesium	2	mg/L		1		E200.7	06/05/09 15:54 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:37 / eli-b
Potassium	3	mg/L		1		E200.7	06/05/09 15:54 / cp
Silica	16.8	mg/L		0.2		E200.7	06/05/09 15:54 / cp
Sodium	26	mg/L		1		E200.7	06/05/09 15:54 / cp
Sulfate	95	mg/L		1		E300.0	06/06/09 09:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	384	umhos/cm		1		A2510 B	05/26/09 17:39 / dd
pH	8.44	s.u.		0.01		A4500-H B	05/26/09 17:39 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	05/27/09 11:12 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 15:54 / cp
Arsenic	0.002	mg/L		0.001		E200.8	05/28/09 06:13 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 06:13 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 15:54 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 06:13 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 06:13 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 06:13 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 15:54 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 06:13 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 06:13 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 06:13 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 06:13 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 06:13 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 06:13 / ts
Uranium	0.0103	mg/L		0.0003		E200.8	05/28/09 06:13 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 06:13 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 15:54 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 19:33 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 19:33 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-014
Client Sample ID: MU-102

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	27.3	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	10.0	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	1.7	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	4.8	pCi/L				E903.0	06/15/09 04:39 / jah
Radium 226 precision (±)	0.47	pCi/L				E903.0	06/15/09 04:39 / jah
Radium 226 MDC	0.11	pCi/L				E903.0	06/15/09 04:39 / jah
Radium 228	3.0	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/08/09 14:03 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/08/09 14:03 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.07	%				Calculation	06/10/09 10:04 / kbh
Anions	4.16	meq/L				Calculation	06/10/09 10:04 / kbh
Cations	3.91	meq/L				Calculation	06/10/09 10:04 / kbh
Solids, Total Dissolved Calculated	264	mg/L				Calculation	06/10/09 10:04 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	06/10/09 10:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

METALS - DISSOLVED

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-015
Client Sample ID: MP-111

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1380	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	17.2	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	399	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	5.1	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	411	pCi/L				E903.0	06/09/09 18:14 / jah
Radium 226 precision (±)	3.9	pCi/L				E903.0	06/09/09 18:14 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/09/09 18:14 / jah
Radium 228	4.2	pCi/L				RA-05	06/04/09 15:01 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/04/09 15:01 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/04/09 15:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.33	%				Calculation	06/10/09 10:04 / kbh
Anions	5.04	meq/L				Calculation	06/10/09 10:04 / kbh
Cations	4.81	meq/L				Calculation	06/10/09 10:04 / kbh
Solids, Total Dissolved Calculated	322	mg/L				Calculation	06/10/09 10:04 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/10/09 10:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-016
Client Sample ID: M-136

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	05/28/09 13:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	05/28/09 13:42 / ljl
Bicarbonate as HCO3	3	mg/L	B	1		A2320 B	05/28/09 13:42 / ljl
Calcium	ND	mg/L		1		E200.7	06/05/09 16:15 / cp
Chloride	ND	mg/L		1		E300.0	06/06/09 10:56 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/04/09 12:34 / ljl
Magnesium	ND	mg/L		1		E200.7	06/05/09 16:15 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	05/28/09 11:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	05/29/09 11:16 / eli-b
Potassium	ND	mg/L		1		E200.7	06/05/09 16:15 / cp
Silica	ND	mg/L		0.2		E200.7	06/05/09 16:15 / cp
Sodium	ND	mg/L		1		E200.7	06/05/09 16:15 / cp
Sulfate	ND	mg/L		1		E300.0	06/06/09 10:56 / ljl
PHYSICAL PROPERTIES							
Conductivity	ND	umhos/cm		1		A2510 B	05/26/09 17:46 / dd
pH	5.98	s.u.		0.01		A4500-H B	05/26/09 17:46 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	05/27/09 11:13 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/05/09 16:15 / cp
Arsenic	ND	mg/L		0.001		E200.8	05/28/09 06:26 / ts
Barium	ND	mg/L		0.1		E200.8	05/28/09 06:26 / ts
Boron	ND	mg/L		0.1		E200.7	06/05/09 16:15 / cp
Cadmium	ND	mg/L		0.005		E200.8	05/28/09 06:26 / ts
Chromium	ND	mg/L		0.05		E200.8	05/28/09 06:26 / ts
Copper	ND	mg/L		0.01		E200.8	05/28/09 06:26 / ts
Iron	ND	mg/L		0.03		E200.7	06/05/09 16:15 / cp
Lead	ND	mg/L		0.001		E200.8	05/28/09 06:26 / ts
Manganese	ND	mg/L		0.01		E200.8	05/28/09 06:26 / ts
Mercury	ND	mg/L		0.001		E200.8	05/28/09 06:26 / ts
Molybdenum	ND	mg/L		0.1		E200.8	05/28/09 06:26 / ts
Nickel	ND	mg/L		0.05		E200.8	05/28/09 06:26 / ts
Selenium	ND	mg/L		0.001		E200.8	05/28/09 06:26 / ts
Uranium	ND	mg/L		0.0003		E200.8	05/28/09 06:26 / ts
Vanadium	ND	mg/L		0.1		E200.8	05/28/09 06:26 / ts
Zinc	ND	mg/L		0.01		E200.7	06/05/09 16:15 / cp
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/05/09 19:41 / cp
Manganese	ND	mg/L		0.01		E200.7	06/05/09 19:41 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09050746-016
Client Sample ID: M-136

Report Date: 07/11/09
Collection Date: 05/21/09
DateReceived: 05/22/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.1	pCi/L	U			E900.0	06/18/09 11:10 / cgr
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta	-0.6	pCi/L	U			E900.0	06/18/09 11:10 / cgr
Gross Beta precision (±)	1.4	pCi/L				E900.0	06/18/09 11:10 / cgr
Gross Beta MDC	2.4	pCi/L				E900.0	06/18/09 11:10 / cgr
Radium 226	-0.2	pCi/L	U			E903.0	06/09/09 18:14 / jah
Radium 226 precision (±)	0.08	pCi/L				E903.0	06/09/09 18:14 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/09/09 18:14 / jah
Radium 228	-0.04	pCi/L	U			RA-05	06/04/09 15:01 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/04/09 15:01 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/04/09 15:01 / plj
DATA QUALITY							
A/C Balance (± 5)	-100	%				Calculation	06/10/09 10:06 / kbh
Anions	0.0439	meq/L				Calculation	06/10/09 10:06 / kbh
Cations	ND	meq/L				Calculation	06/10/09 10:06 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R118710
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090527A				05/27/09 14:22
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		4	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090527A				05/27/09 14:37
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090527A				05/27/09 14:44
Alkalinity, Total as CaCO3		53.4	mg/L	5.0	101	90	110			
Sample ID: C09050746-001AMS		Sample Matrix Spike				Run: MANTECH_090527A				05/28/09 02:05
Alkalinity, Total as CaCO3		235	mg/L	5.0	104	80	120			
Sample ID: C09050746-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090527A				05/28/09 02:12
Alkalinity, Total as CaCO3		234	mg/L	5.0	103	80	120	0.4	20	
Method: A2320 B										Batch: R118821
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090528A				05/28/09 11:11
Alkalinity, Total as CaCO3		2	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090528A				05/28/09 11:25
Alkalinity, Total as CaCO3		204	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090528A				05/28/09 11:32
Alkalinity, Total as CaCO3		53.0	mg/L	5.0	102	90	110			
Sample ID: C09050746-006AMS		Sample Matrix Spike				Run: MANTECH_090528A				05/28/09 12:16
Alkalinity, Total as CaCO3		215	mg/L	5.0	100	80	120			
Sample ID: C09050746-006AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090528A				05/28/09 12:23
Alkalinity, Total as CaCO3		216	mg/L	5.0	101	80	120	0.4	20	
Sample ID: C09050746-016AMS		Sample Matrix Spike				Run: MANTECH_090528A				05/28/09 13:50
Alkalinity, Total as CaCO3		129	mg/L	5.0	101	80	120			
Sample ID: C09050746-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090528A				05/28/09 13:57
Alkalinity, Total as CaCO3		129	mg/L	5.0	101	80	120	0.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B									Analytical Run: ORION555A_090526D	
Sample ID: ICV2_090526_4		Initial Calibration Verification Standard							05/26/09 17:04	
Conductivity		1410	umhos/cm	1.0	100	90	110			
Method: A2510 B									Batch: 090526_4_PH-W_555A-2	
Sample ID: MBLK1_090526_4		Method Blank				Run: ORION555A_090526D			05/26/09 16:59	
Conductivity		1	umhos/cm	0.2						
Sample ID: C09050746-010ADUP		Sample Duplicate				Run: ORION555A_090526D			05/26/09 17:30	
Conductivity		560	umhos/cm	1.0				0	10	
Method: A2540 C									Batch: 090527_1_SLDS-TDS-W	
Sample ID: MBLK1_090527		Method Blank				Run: BAL-1_090527B			05/27/09 10:42	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090527		Laboratory Control Sample				Run: BAL-1_090527B			05/27/09 10:42	
Solids, Total Dissolved TDS @ 180 C		1010	mg/L	10	100	90	110			
Sample ID: C09050741-001AMS		Sample Matrix Spike				Run: BAL-1_090527B			05/27/09 10:59	
Solids, Total Dissolved TDS @ 180 C		2380	mg/L	10	102	90	110			
Sample ID: C09050741-001AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090527B			05/27/09 10:59	
Solids, Total Dissolved TDS @ 180 C		2360	mg/L	10	101	90	110	0.8	10	
Sample ID: C09050749-001AMS		Sample Matrix Spike				Run: BAL-1_090527B			05/27/09 11:14	
Solids, Total Dissolved TDS @ 180 C		6950	mg/L	10	101	90	110			
Sample ID: C09050749-001AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090527B			05/27/09 11:14	
Solids, Total Dissolved TDS @ 180 C		6950	mg/L	10	101	90	110	0.1	10	
Method: A4500-F C									Batch: R118941	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090602A			06/02/09 10:32	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090602A			06/02/09 10:35	
Fluoride		1.00	mg/L	0.10	100	90	110			
Sample ID: C09050746-001AMS		Sample Matrix Spike				Run: MANTECH_090602A			06/02/09 15:12	
Fluoride		1.21	mg/L	0.10	102	80	120			
Sample ID: C09050746-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090602A			06/02/09 15:15	
Fluoride		1.21	mg/L	0.10	102	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R119117
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090604A				06/04/09 11:34
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090604A				06/04/09 11:37
Fluoride		1.00	mg/L	0.10	100	90	110			
Sample ID: C09050746-008AMS		Sample Matrix Spike				Run: MANTECH_090604A				06/04/09 11:52
Fluoride		1.14	mg/L	0.10	101	80	120			
Sample ID: C09050746-008AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090604A				06/04/09 11:57
Fluoride		1.14	mg/L	0.10	101	80	120	0	10	
Sample ID: C09050747-002AMS		Sample Matrix Spike				Run: MANTECH_090604A				06/04/09 12:47
Fluoride		2.29	mg/L	0.10	98	80	120			
Sample ID: C09050747-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090604A				06/04/09 12:49
Fluoride		2.29	mg/L	0.10	98	80	120	0	10	
Method: A4500-H B									Analytical Run: ORION555A_090526D	
Sample ID: ICV1_090526_4		Initial Calibration Verification Standard								05/26/09 17:02
pH		6.93	s.u.	0.010	101	98	102			
Method: A4500-H B									Batch: 090526_4_PH-W_555A-2	
Sample ID: C09050746-010ADUP		Sample Duplicate				Run: ORION555A_090526D				05/26/09 17:30
pH		7.90	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119195
Sample ID: MB-090605A	10	Method Blank				Run: ICP2-C_090605A				06/05/09 11:55
Aluminum		ND	mg/L	0.03						
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Potassium		ND	mg/L	0.1						
Silicon		0.04	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Zinc		-0.0003	mg/L							
Sample ID: LFB-090605A	10	Laboratory Fortified Blank				Run: ICP2-C_090605A				06/05/09 12:21
Aluminum		0.936	mg/L	0.10	94	85	115			
Boron		1.02	mg/L	0.10	102	85	115			
Calcium		49.6	mg/L	0.50	99	85	115			
Iron		0.966	mg/L	0.030	97	85	115			
Magnesium		48.8	mg/L	0.50	98	85	115			
Manganese		0.936	mg/L	0.010	94	85	115			
Potassium		44.6	mg/L	0.50	89	85	115			
Silicon		0.453	mg/L	0.015	103	85	115			
Sodium		48.9	mg/L	0.50	98	85	115			
Zinc		0.968	mg/L	0.010	97	85	115			
Sample ID: MB-22474	10	Method Blank				Run: ICP2-C_090605A				06/05/09 13:13
Aluminum		ND	mg/L	0.03						
Boron		ND	mg/L	0.06						
Calcium		ND	mg/L	0.5						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.2						
Silicon		ND	mg/L	0.03						
Sodium		ND	mg/L	0.5						
Zinc		ND	mg/L	0.03						
Sample ID: C09050746-006BMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A				06/05/09 14:26
Aluminum		1.99	mg/L	0.10	98	70	130			
Boron		2.12	mg/L	0.10	104	70	130			
Calcium		149	mg/L	1.0	101	70	130			
Iron		1.96	mg/L	0.030	96	70	130			
Magnesium		101	mg/L	1.0	97	70	130			
Manganese		2.01	mg/L	0.010	98	70	130			
Potassium		93.4	mg/L	1.0	89	70	130			
Silicon		8.62	mg/L	0.10		70	130			A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119195
Sample ID: C09050746-006BMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A			06/05/09 14:26	
Sodium		126	mg/L	1.0	99	70	130			
Zinc		1.99	mg/L	0.027	98	70	130			
Sample ID: C09050746-006BMSD	10	Sample Matrix Spike Duplicate				Run: ICP2-C_090605A			06/05/09 14:30	
Aluminum		1.98	mg/L	0.10	97	70	130	0.4	20	
Boron		2.09	mg/L	0.10	102	70	130	1.4	20	
Calcium		147	mg/L	1.0	99	70	130	1.2	20	
Iron		1.93	mg/L	0.030	95	70	130	1.5	20	
Magnesium		103	mg/L	1.0	99	70	130	1.4	20	
Manganese		1.96	mg/L	0.010	96	70	130	2.6	20	
Potassium		94.5	mg/L	1.0	90	70	130	1.2	20	
Silicon		8.52	mg/L	0.10		70	130	1.1	20	A
Sodium		127	mg/L	1.0	100	70	130	1	20	
Zinc		2.00	mg/L	0.027	98	70	130	0.6	20	
Sample ID: C09050746-016BMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A			06/05/09 16:19	
Aluminum		1.98	mg/L	0.10	97	70	130			
Boron		2.11	mg/L	0.10	103	70	130			
Calcium		102	mg/L	1.0	100	70	130			
Iron		1.98	mg/L	0.030	97	70	130			
Magnesium		101	mg/L	1.0	99	70	130			
Manganese		1.98	mg/L	0.010	97	70	130			
Potassium		93.2	mg/L	1.0	91	70	130			
Silicon		0.964	mg/L	0.10	118	70	130			
Sodium		102	mg/L	1.0	100	70	130			
Zinc		1.85	mg/L	0.027	91	70	130			
Sample ID: C09050746-016BMSD	10	Sample Matrix Spike Duplicate				Run: ICP2-C_090605A			06/05/09 16:23	
Aluminum		1.98	mg/L	0.10	97	70	130	0	20	
Boron		2.12	mg/L	0.10	104	70	130	0.6	20	
Calcium		103	mg/L	1.0	101	70	130	0.8	20	
Iron		1.98	mg/L	0.030	97	70	130	0	20	
Magnesium		102	mg/L	1.0	100	70	130	1.4	20	
Manganese		1.99	mg/L	0.010	98	70	130	0.3	20	
Potassium		92.5	mg/L	1.0	91	70	130	0.7	20	
Silicon		0.981	mg/L	0.10	120	70	130	1.7	20	
Sodium		101	mg/L	1.0	99	70	130	1.5	20	
Zinc		1.84	mg/L	0.027	90	70	130	0.7	20	
Sample ID: C09050746-001CMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A			06/05/09 18:00	
Aluminum		1.84	mg/L	0.16	90	70	130			
Boron		2.16	mg/L	0.10	104	70	130			
Calcium		166	mg/L	1.0	101	70	130			
Iron		2.02	mg/L	0.067	99	70	130			
Magnesium		104	mg/L	1.0	99	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119195	
Sample ID: C09050746-001CMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A			06/05/09 18:00	
Manganese		2.01	mg/L	0.014	98	70	130			
Potassium		94.6	mg/L	1.0	91	70	130			
Silicon		8.30	mg/L	0.10		70	130			A
Sodium		135	mg/L	2.2	102	70	130			
Zinc		2.04	mg/L	0.010	100	70	130			
Sample ID: C09050746-001CMSD	10	Sample Matrix Spike Duplicate				Run: ICP2-C_090605A			06/05/09 18:04	
Aluminum		1.84	mg/L	0.16	90	70	130	0.2	20	
Boron		2.17	mg/L	0.10	104	70	130	0.3	20	
Calcium		164	mg/L	1.0	99	70	130	1.1	20	
Iron		2.01	mg/L	0.067	99	70	130	0.2	20	
Magnesium		103	mg/L	1.0	98	70	130	1.2	20	
Manganese		2.02	mg/L	0.014	99	70	130	0.5	20	
Potassium		93.6	mg/L	1.0	90	70	130	1	20	
Silicon		8.22	mg/L	0.10		70	130	1	20	A
Sodium		134	mg/L	2.2	101	70	130	1.1	20	
Zinc		1.95	mg/L	0.010	96	70	130	4.5	20	
Sample ID: C09050746-012CMS2	10	Sample Matrix Spike				Run: ICP2-C_090605A			06/05/09 19:04	
Aluminum		1.86	mg/L	0.16	91	70	130			
Boron		2.14	mg/L	0.10	105	70	130			
Calcium		187	mg/L	1.0	103	70	130			
Iron		2.02	mg/L	0.067	99	70	130			
Magnesium		105	mg/L	1.0	99	70	130			
Manganese		2.01	mg/L	0.014	98	70	130			
Potassium		93.9	mg/L	1.0	89	70	130			
Silicon		8.33	mg/L	0.10		70	130			A
Sodium		133	mg/L	2.2	101	70	130			
Zinc		2.04	mg/L	0.010	100	70	130			
Sample ID: C09050746-012CMSD	10	Sample Matrix Spike Duplicate				Run: ICP2-C_090605A			06/05/09 19:08	
Aluminum		1.83	mg/L	0.16	90	70	130	1.3	20	
Boron		2.13	mg/L	0.10	105	70	130	0.3	20	
Calcium		186	mg/L	1.0	103	70	130	0.3	20	
Iron		2.01	mg/L	0.067	99	70	130	0.2	20	
Magnesium		104	mg/L	1.0	98	70	130	1	20	
Manganese		2.01	mg/L	0.014	99	70	130	0.1	20	
Potassium		93.5	mg/L	1.0	89	70	130	0.5	20	
Silicon		8.36	mg/L	0.10		70	130	0.5	20	A
Sodium		134	mg/L	2.2	101	70	130	0.2	20	
Zinc		1.91	mg/L	0.010	94	70	130	6.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: 22525
Sample ID: MB-22525	2	Method Blank				Run: ICPMS4-C_090605A				06/05/09 21:29
Iron		0.005	mg/L	0.002						
Manganese		0.0001	mg/L	4E-05						
Sample ID: LCS3-22525	2	Laboratory Control Sample				Run: ICPMS4-C_090605A				06/05/09 21:35
Iron		2.52	mg/L	0.030	101	85	115			
Manganese		2.53	mg/L	0.010	101	85	115			
Sample ID: C09050827-003CMS3	2	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/05/09 22:57
Iron		2.90	mg/L	0.030	100	70	130			
Manganese		2.95	mg/L	0.010	101	70	130			
Sample ID: C09050827-003CMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090605A				06/05/09 23:04
Iron		2.86	mg/L	0.030	98	70	130	1.3	20	
Manganese		2.92	mg/L	0.010	100	70	130	1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118718
Sample ID: LRB	13	Method Blank				Run: ICPMS2-C_090527A				05/27/09 15:36
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Sample ID: LFB	13	Laboratory Fortified Blank				Run: ICPMS2-C_090527A				05/27/09 15:54
Arsenic		0.0510	mg/L	0.0010	102	85	115			
Barium		0.0513	mg/L	0.0010	103	85	115			
Cadmium		0.0510	mg/L	0.0010	102	85	115			
Chromium		0.0498	mg/L	0.0010	100	85	115			
Copper		0.0483	mg/L	0.0010	97	85	115			
Lead		0.0503	mg/L	0.0010	101	85	115			
Manganese		0.0502	mg/L	0.0010	100	85	115			
Mercury		0.00521	mg/L	0.0010	104	85	115			
Molybdenum		0.0526	mg/L	0.0010	105	85	115			
Nickel		0.0485	mg/L	0.0010	97	85	115			
Selenium		0.0507	mg/L	0.0014	101	85	115			
Uranium		0.0522	mg/L	0.00030	104	85	115			
Vanadium		0.0504	mg/L	0.0010	101	85	115			
Sample ID: MB-22474	13	Method Blank				Run: ICPMS2-C_090527A				05/28/09 01:14
Arsenic		0.0001	mg/L	6E-05						
Barium		0.0003	mg/L	3E-05						
Cadmium		ND	mg/L	1E-05						
Chromium		0.0002	mg/L	4E-05						
Copper		0.0002	mg/L	7E-05						
Lead		ND	mg/L	3E-05						
Manganese		0.0001	mg/L	5E-05						
Mercury		ND	mg/L	8E-05						
Molybdenum		0.002	mg/L	5E-05						
Nickel		ND	mg/L	0.0007						
Selenium		ND	mg/L	0.0002						
Uranium		0.0001	mg/L	1E-05						
Vanadium		6E-05	mg/L	3E-05						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118718
Sample ID: C09050746-001BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090527A				05/28/09 02:22
Arsenic		0.0520	mg/L	0.0010	102	70	130			
Barium		0.0693	mg/L	0.0010	102	70	130			
Cadmium		0.0501	mg/L	0.010	100	70	130			
Chromium		0.0479	mg/L	0.0010	95	70	130			
Copper		0.0489	mg/L	0.010	98	70	130			
Lead		0.0492	mg/L	0.0010	98	70	130			
Manganese		0.0502	mg/L	0.010	94	70	130			
Mercury		0.00498	mg/L	0.0010	100	70	130			
Molybdenum		0.0519	mg/L	0.0010	101	70	130			
Nickel		0.0487	mg/L	0.0010	97	70	130			
Selenium		0.0645	mg/L	0.0010	100	70	130			
Uranium		0.374	mg/L	0.00030		70	130			A
Vanadium		0.0488	mg/L	0.0010	96	70	130			
Sample ID: C09050746-001BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090527A				05/28/09 02:29
Arsenic		0.0527	mg/L	0.0010	103	70	130	1.2	20	
Barium		0.0696	mg/L	0.0010	103	70	130	0.3	20	
Cadmium		0.0508	mg/L	0.010	102	70	130	1.4	20	
Chromium		0.0487	mg/L	0.0010	97	70	130	1.6	20	
Copper		0.0493	mg/L	0.010	98	70	130	0.7	20	
Lead		0.0494	mg/L	0.0010	99	70	130	0.3	20	
Manganese		0.0510	mg/L	0.010	96	70	130	1.4	20	
Mercury		0.00506	mg/L	0.0010	101	70	130	1.5	20	
Molybdenum		0.0527	mg/L	0.0010	103	70	130	1.6	20	
Nickel		0.0492	mg/L	0.0010	98	70	130	1	20	
Selenium		0.0649	mg/L	0.0010	100	70	130	0.6	20	
Uranium		0.379	mg/L	0.00030		70	130	1.3	20	A
Vanadium		0.0497	mg/L	0.0010	98	70	130	1.9	20	
Sample ID: C09050746-011BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090527A				05/28/09 05:45
Arsenic		0.0511	mg/L	0.0010	97	70	130			
Barium		0.0851	mg/L	0.0010	96	70	130			
Cadmium		0.0475	mg/L	0.010	95	70	130			
Chromium		0.0463	mg/L	0.0010	93	70	130			
Copper		0.0467	mg/L	0.010	93	70	130			
Lead		0.0468	mg/L	0.0010	94	70	130			
Manganese		0.0498	mg/L	0.010	90	70	130			
Mercury		0.00473	mg/L	0.0010	95	70	130			
Molybdenum		0.0491	mg/L	0.0010	97	70	130			
Nickel		0.0463	mg/L	0.0010	93	70	130			
Selenium		0.0473	mg/L	0.0010	94	70	130			
Uranium		0.0575	mg/L	0.00030	100	70	130			
Vanadium		0.0468	mg/L	0.0010	93	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R118718
Sample ID: C09050746-011BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090527A				05/28/09 05:52
Arsenic		0.0516	mg/L	0.0010	98	70	130	0.9	20	
Barium		0.0867	mg/L	0.0010	99	70	130	1.9	20	
Cadmium		0.0481	mg/L	0.010	96	70	130	1.3	20	
Chromium		0.0469	mg/L	0.0010	94	70	130	1.4	20	
Copper		0.0471	mg/L	0.010	94	70	130	0.7	20	
Lead		0.0474	mg/L	0.0010	95	70	130	1.3	20	
Manganese		0.0508	mg/L	0.010	92	70	130	2	20	
Mercury		0.00482	mg/L	0.0010	96	70	130	2	20	
Molybdenum		0.0497	mg/L	0.0010	98	70	130	1.2	20	
Nickel		0.0467	mg/L	0.0010	93	70	130	0.8	20	
Selenium		0.0485	mg/L	0.0010	96	70	130	2.3	20	
Uranium		0.0582	mg/L	0.00030	101	70	130	1.2	20	
Vanadium		0.0478	mg/L	0.0010	95	70	130	2.1	20	
Sample ID: C09050746-016BMS4	13	Sample Matrix Spike				Run: ICPMS2-C_090527A				05/28/09 06:33
Arsenic		0.0488	mg/L	0.0010	97	70	130			
Barium		0.0488	mg/L	0.010	97	70	130			
Cadmium		0.0485	mg/L	0.0010	97	70	130			
Chromium		0.0475	mg/L	0.010	95	70	130			
Copper		0.0492	mg/L	0.0010	98	70	130			
Lead		0.0471	mg/L	0.010	94	70	130			
Manganese		0.0475	mg/L	0.0010	94	70	130			
Mercury		0.00472	mg/L	0.0010	94	70	130			
Molybdenum		0.0481	mg/L	0.0010	96	70	130			
Nickel		0.0489	mg/L	0.0010	98	70	130			
Selenium		0.0496	mg/L	0.010	98	70	130			
Uranium		0.0487	mg/L	0.0010	97	70	130			
Vanadium		0.0467	mg/L	0.0010	93	70	130			
Sample ID: C09050746-016BMSD	13	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090527A				05/28/09 07:07
Arsenic		0.0487	mg/L	0.0010	97	70	130	0.2	20	
Barium		0.0484	mg/L	0.010	96	70	130	0.8	20	
Cadmium		0.0476	mg/L	0.0010	95	70	130	1.9	20	
Chromium		0.0480	mg/L	0.010	96	70	130	0.9	20	
Copper		0.0487	mg/L	0.0010	97	70	130	1	20	
Lead		0.0471	mg/L	0.010	94	70	130	0.2	20	
Manganese		0.0478	mg/L	0.0010	94	70	130	0.6	20	
Mercury		0.00475	mg/L	0.0010	95	70	130	0.5	20	
Molybdenum		0.0471	mg/L	0.0010	94	70	130	2.1	20	
Nickel		0.0482	mg/L	0.0010	96	70	130	1.4	20	
Selenium		0.0495	mg/L	0.010	98	70	130	0.1	20	
Uranium		0.0485	mg/L	0.0010	97	70	130	0.5	20	
Vanadium		0.0473	mg/L	0.0010	95	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119451
Sample ID: LRB		Method Blank				Run: ICPMS2-C_090611A				06/11/09 12:05
Zinc		0.0009	mg/L	6E-05						
Sample ID: LFB		Laboratory Fortified Blank				Run: ICPMS2-C_090611A				06/11/09 12:12
Zinc		0.0522	mg/L	0.0010	103	85	115			
Sample ID: C09060371-001BMS4		Sample Matrix Spike				Run: ICPMS2-C_090611A				06/11/09 15:33
Zinc		0.057	mg/L	0.010	110	70	130			
Sample ID: C09060371-001BMSD		Sample Matrix Spike Duplicate				Run: ICPMS2-C_090611A				06/11/09 15:40
Zinc		0.057	mg/L	0.010	109	70	130	1.2	20	
Sample ID: MB-22474		Method Blank				Run: ICPMS2-C_090611A				06/11/09 15:54
Zinc		0.0010	mg/L	0.0003						
Method: E300.0										Batch: R119291
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090605A				06/05/09 19:16
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		38.9	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090605A				06/05/09 19:32
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050746-004AMS	2	Sample Matrix Spike				Run: IC1-C_090605A				06/06/09 05:48
Chloride		25.8	mg/L	1.0	100	90	110			
Sulfate		250	mg/L	1.0	97	90	110			
Sample ID: C09050746-004AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090605A				06/06/09 06:03
Chloride		26.0	mg/L	1.0	101	90	110	0.7	20	
Sulfate		250	mg/L	1.0	97	90	110	0.2	20	
Sample ID: C09050746-014AMS	2	Sample Matrix Spike				Run: IC1-C_090605A				06/06/09 09:24
Chloride		23.7	mg/L	1.0	99	90	110			
Sulfate		176	mg/L	1.0	102	90	110			
Sample ID: C09050746-014AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090605A				06/06/09 09:39
Chloride		23.8	mg/L	1.0	100	90	110	0.4	20	
Sulfate		176	mg/L	1.0	103	90	110	0.1	20	
Sample ID: C09050789-006AMS	2	Sample Matrix Spike				Run: IC1-C_090605A				06/06/09 11:58
Chloride		397	mg/L	1.0	97	90	110			
Sulfate		553	mg/L	1.2	103	90	110			
Sample ID: C09050789-006AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090605A				06/06/09 12:13
Chloride		400	mg/L	1.0	100	90	110	0.8	20	
Sulfate		558	mg/L	1.2	104	90	110	0.9	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1									Batch: B_R130132	
Sample ID: MBLK		Method Blank				Run: SUB-B130132			05/28/09 10:40	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130132			05/28/09 10:41	
Nitrogen, Ammonia as N		1.02	mg/L	0.10	104	90	110			
Sample ID: C09050789-004D		Sample Matrix Spike				Run: SUB-B130132			05/28/09 12:41	
Nitrogen, Ammonia as N		0.939	mg/L	0.050	94	90	110			
Sample ID: C09050789-004D		Sample Matrix Spike Duplicate				Run: SUB-B130132			05/28/09 12:42	
Nitrogen, Ammonia as N		0.937	mg/L	0.050	94	90	110	0.2	10	
Sample ID: C09050746-007E		Sample Matrix Spike				Run: SUB-B130132			05/28/09 11:30	
Nitrogen, Ammonia as N		0.717	mg/L	0.050	72	90	110			S
Sample ID: C09050746-007E		Sample Matrix Spike Duplicate				Run: SUB-B130132			05/28/09 11:31	
Nitrogen, Ammonia as N		0.706	mg/L	0.050	71	90	110	1.5	10	S
Method: E353.2									Batch: B_R130135	
Sample ID: MBLK		Method Blank				Run: SUB-B130135			05/28/09 12:17	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130135			05/28/09 12:18	
Nitrogen, Nitrate+Nitrite as N		0.974	mg/L	0.050	99	90	110			
Sample ID: C09050746-003E		Sample Matrix Spike				Run: SUB-B130135			05/28/09 14:47	
Nitrogen, Nitrate+Nitrite as N		1.00	mg/L	0.050	82	90	110			S
Sample ID: C09050746-003E		Sample Matrix Spike Duplicate				Run: SUB-B130135			05/28/09 14:48	
Nitrogen, Nitrate+Nitrite as N		1.01	mg/L	0.050	82	90	110	0.7	10	S
Sample ID: B09052268-005DMS		Sample Matrix Spike				Run: SUB-B130135			05/29/09 13:00	
Nitrogen, Nitrate+Nitrite as N		0.819	mg/L	0.050	80	90	110			S
Sample ID: B09052268-005DMSD		Sample Matrix Spike Duplicate				Run: SUB-B130135			05/29/09 13:01	
Nitrogen, Nitrate+Nitrite as N		0.709	mg/L	0.050	69	90	110	14	10	SR

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Batch: B_R130224	
Sample ID: MBLK		Method Blank				Run: SUB-B130224			05/29/09 11:10	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130224			05/29/09 11:11	
Nitrogen, Nitrate+Nitrite as N		0.988	mg/L	0.050	101	90	110			
Sample ID: C09050746-016E		Sample Matrix Spike				Run: SUB-B130224			05/29/09 11:17	
Nitrogen, Nitrate+Nitrite as N		0.992	mg/L	0.050	101	90	110			
Sample ID: C09050746-016E		Sample Matrix Spike Duplicate				Run: SUB-B130224			05/29/09 11:18	
Nitrogen, Nitrate+Nitrite as N		0.989	mg/L	0.050	100	90	110	0.3	10	
Sample ID: C09050748-002D		Sample Matrix Spike				Run: SUB-B130224			05/29/09 11:34	
Nitrogen, Nitrate+Nitrite as N		0.840	mg/L	0.050	84	90	110			S
Sample ID: C09050748-002D		Sample Matrix Spike Duplicate				Run: SUB-B130224			05/29/09 11:35	
Nitrogen, Nitrate+Nitrite as N		0.839	mg/L	0.050	84	90	110	0.1	10	S
Method: E900.0									Batch: GrAB-0671	
Sample ID: MB-GrAB-0671	6	Method Blank				Run: TENNELEC-3_090611A			06/13/09 11:45	
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0671		Laboratory Control Sample				Run: TENNELEC-3_090611A			06/13/09 11:46	
Gross Alpha		130	pCi/L		95	70	130			
Sample ID: Cs137-GrAB-0671		Laboratory Control Sample				Run: TENNELEC-3_090611A			06/13/09 11:45	
Gross Beta		92	pCi/L		103	70	130			
Sample ID: C09050767-006AMS		Sample Matrix Spike				Run: TENNELEC-3_090611A			06/18/09 03:46	
Gross Alpha		341	pCi/L		95	70	130			
Sample ID: C09050767-006AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090611A			06/18/09 03:46	
Gross Alpha		359	pCi/L		100	70	130	5.3	18.3	
Sample ID: C09050767-006AMS		Sample Matrix Spike				Run: TENNELEC-3_090611A			06/18/09 03:46	
Gross Beta		246	pCi/L		89	70	130			
Sample ID: C09050767-006AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090611A			06/18/09 03:46	
Gross Beta		238	pCi/L		86	70	130	3	16.2	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0672
Sample ID: MB-GrAB-0672	6	Method Blank				Run: G5000W_090615A				06/18/09 11:09
Gross Alpha		-0.3	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		0.04	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0672		Laboratory Control Sample				Run: G5000W_090615A				06/18/09 11:09
Gross Alpha		140	pCi/L		100	70	130			
Sample ID: Cs137-GrAB-0672		Laboratory Control Sample				Run: G5000W_090615A				06/18/09 11:10
Gross Beta		89	pCi/L		97	70	130			
Sample ID: C09050768-001AMS		Sample Matrix Spike				Run: G5000W_090615A				06/19/09 03:06
Gross Alpha		102	pCi/L		73	70	130			
Sample ID: C09050768-001AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090615A				06/19/09 03:06
Gross Alpha		117	pCi/L		85	70	130	14	18.2	
Sample ID: C09050768-001AMS		Sample Matrix Spike				Run: G5000W_090615A				06/19/09 03:06
Gross Beta		80.6	pCi/L		91	70	130			
Sample ID: C09050768-001AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090615A				06/19/09 03:06
Gross Beta		72.9	pCi/L		83	70	130	10	16.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0683
Sample ID: MB-GrAB-0683	6	Method Blank				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		-0.02	pCi/L							U
Gross Alpha precision (±)		0.7	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-1	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0683		Laboratory Control Sample				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		150	pCi/L		108	70	130			
Sample ID: Cs137-GrAB-0683		Laboratory Control Sample				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		87	pCi/L		97	70	130			
Sample ID: C09060266-016DMS		Sample Matrix Spike				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		153	pCi/L		112	70	130			
Sample ID: C09060266-016DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		160	pCi/L		117	70	130	4	15.6	
Sample ID: C09060266-016DMS		Sample Matrix Spike				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		90.5	pCi/L		101	70	130			
Sample ID: C09060266-016DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		87.3	pCi/L		98	70	130	3.6	16.1	
Method: E903.0										Batch: RA226-3698
Sample ID: C09050746-003DMS		Sample Matrix Spike				Run: TENNELEC-2_090527A				06/08/09 13:43
Radium 226		79	pCi/L		103	70	130			
Sample ID: C09050746-003DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-2_090527A				06/08/09 15:06
Radium 226		75	pCi/L		78	70	130	5	17.2	
Sample ID: MB-RA226-3698	3	Method Blank				Run: TENNELEC-2_090527A				06/08/09 18:07
Radium 226		0.02	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3698		Laboratory Control Sample				Run: TENNELEC-2_090527A				06/08/09 19:37
Radium 226		6.7	pCi/L		85	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3700
Sample ID: C09050746-005DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090528B			06/09/09 14:48	
Radium 226		110	pCi/L		92	70	130			
Sample ID: C09050746-005DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090528B			06/09/09 14:48	
Radium 226		110	pCi/L		59	70	130	4.7	15.7	S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.										
Sample ID: MB-RA226-3700	3	Method Blank				Run: BERTHOLD 770-2_090528B			06/09/09 16:25	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.10	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3700		Laboratory Control Sample				Run: BERTHOLD 770-2_090528B			06/09/09 16:25	
Radium 226		6.8	pCi/L		89	70	130			
Method: E903.0										Batch: RA226-3701
Sample ID: C09050746-007DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090528A			06/09/09 10:13	
Radium 226		20	pCi/L		101	70	130			
Sample ID: C09050746-007DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090528A			06/09/09 10:13	
Radium 226		20	pCi/L		97	70	130	2.1	23.6	
Sample ID: MB-RA226-3701	3	Method Blank				Run: BERTHOLD 770-2_090528A			06/09/09 12:53	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.3	pCi/L							
Sample ID: LCS-RA226-3701		Laboratory Control Sample				Run: BERTHOLD 770-2_090528A			06/09/09 12:53	
Radium 226		7.4	pCi/L		97	70	130			
Method: E903.0										Batch: RA226-3704
Sample ID: C09050746-009DMS		Sample Matrix Spike				Run: TENNELEC-2_090601B			06/14/09 22:15	
Radium 226		21	pCi/L		103	70	130			
Sample ID: C09050746-009DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-2_090601B			06/14/09 23:45	
Radium 226		22	pCi/L		109	70	130	3.4	23.4	
Sample ID: MB-RA226-3704	3	Method Blank				Run: TENNELEC-2_090601B			06/15/09 07:40	
Radium 226		0.1	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3704		Laboratory Control Sample				Run: TENNELEC-2_090601B			06/15/09 09:10	
Radium 226		8.7	pCi/L		109	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3705
Sample ID: C09050746-015DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090529A				06/09/09 18:14
Radium 226		410	pCi/L		-28	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.										
Sample ID: C09050746-015DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090529A				06/09/09 18:14
Radium 226		410	pCi/L		5	70	130	1.3	12.6	S
Sample ID: MB-RA226-3705	3	Method Blank				Run: BERTHOLD 770-1_090529A				06/09/09 21:45
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3705		Laboratory Control Sample				Run: BERTHOLD 770-1_090529A				06/09/09 21:45
Radium 226		6.7	pCi/L		88	70	130			
Method: RA-05										Batch: RA228-2683
Sample ID: LCS-228-RA226-3698		Laboratory Control Sample				Run: TENNELEC-3_090527F				06/03/09 12:55
Radium 228		8.5	pCi/L		97	70	130			
Sample ID: MB-RA226-3698	3	Method Blank				Run: TENNELEC-3_090527F				06/03/09 12:55
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		0.7	pCi/L							
Sample ID: C09050746-004DMS		Sample Matrix Spike				Run: TENNELEC-3_090527F				06/03/09 12:55
Radium 228		17	pCi/L		82	70	130			
Sample ID: C09050746-004DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090527F				06/03/09 12:55
Radium 228		17	pCi/L		78	70	130	4	33.2	
Method: RA-05										Batch: RA228-2685
Sample ID: LCS-228-RA226-3700		Laboratory Control Sample				Run: TENNELEC-3_090528D				06/04/09 10:36
Radium 228		8.14	pCi/L		92	70	130			
Sample ID: MB-RA226-3700	3	Method Blank				Run: TENNELEC-3_090528D				06/04/09 10:36
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050746-006DMS		Sample Matrix Spike				Run: TENNELEC-3_090528D				06/04/09 10:36
Radium 228		24.0	pCi/L		119	70	130			
Sample ID: C09050746-006DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090528D				06/04/09 10:36
Radium 228		23.5	pCi/L		117	70	130	2	30.4	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09050746

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2686
Sample ID: LCS-228-RA226-3701		Laboratory Control Sample				Run: TENNELEC-3_090528C				06/04/09 12:47
Radium 228		9.16	pCi/L		108	70	130			
Sample ID: MB-RA226-3701	3	Method Blank				Run: TENNELEC-3_090528C				06/04/09 12:47
Radium 228		-0.3	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050746-008DMS		Sample Matrix Spike				Run: TENNELEC-3_090528C				06/04/09 12:48
Radium 228		21.6	pCi/L		103	70	130			
Sample ID: C09050746-008DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090528C				06/04/09 12:48
Radium 228		18.5	pCi/L		85	70	130	16	31.4	
Method: RA-05										Batch: RA228-2687
Sample ID: LCS-228-RA226-3705		Laboratory Control Sample				Run: TENNELEC-3_090529B				06/04/09 15:01
Radium 228		7.97	pCi/L		99	70	130			
Sample ID: MB-RA226-3705	3	Method Blank				Run: TENNELEC-3_090529B				06/04/09 15:01
Radium 228		-0.6	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050746-016DMS		Sample Matrix Spike				Run: TENNELEC-3_090529B				06/04/09 15:01
Radium 228		14.9	pCi/L		86	70	130			
Sample ID: C09050746-016DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090529B				06/04/09 15:01
Radium 228		14.6	pCi/L		85	70	130	2.1	37	
Method: RA-05										Batch: RA228-2689
Sample ID: LCS-228-RA226-3704		Laboratory Control Sample				Run: TENNELEC-3_090601A				06/08/09 14:03
Radium 228		9.54	pCi/L		111	70	130			
Sample ID: MB-RA226-3704	3	Method Blank				Run: TENNELEC-3_090601A				06/08/09 14:03
Radium 228		-0.1	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09050746-010DMS		Sample Matrix Spike				Run: TENNELEC-3_090601A				06/08/09 14:03
Radium 228		21.7	pCi/L		96	70	130			
Sample ID: C09050746-010DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090601A				06/08/09 14:03
Radium 228		19.3	pCi/L		83	70	130	12	30.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash	Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT(Electronic Data)
☐ POTW/WWTP Format:
☐ State: ☐ LEVEL IV
☐ Other: ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Various
Receipt Temp 5 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Guideline 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	
1	MO-103 #60	5-2/09		W 2gal					C09050746
2	MP-103 #61								
3	MU-103 #62								
4	MO-105 #63								
5	MP-105 #64								
6	MU-105 #65								
7	KPW-2 #66								
8	M-135 #67								
9	MO-101 #68								
10	MP-101 #69								

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hourt	5-2/08 1700				
Relinquished by (print): Caitlyn Williams	Date/Time: 5/22/09 0835	Signature:	Received by (print):	Date/Time:	Signature:
Sample Disposal: Return to Client:	Lab Disposal:		Received by Laboratory: Andrew Lorster	Date/Time: 5/22/09 835	Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): Various
Receipt Temp 5 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	fluoride 8	SEE ATTACHED	Normal Turnaround (TAT)		
1	MU-101 #70	5-21-08		w 2gal					C9050746
2	MO-102 #71								
3	MP-102 #72								
4	MU-102 #73								
5	MP-111 #74								
6	M-136 #75								
7									
8									
9									
10									

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	5-21-09 17:00				
Caitlyn Williams	5/22/09 0835				
			Received by Laboratory: Andrew Corsen	Date/Time: 5/22/09 0835	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09050746

UR Energy USA Inc

Login completed by: Kimberly Humiston

Reviewed by:

Reviewed Date:

Date and Time Received: 5/22/2009 8:35 AM

Received by: al

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	5°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Per phone conversation with John Cash 5-22-09 14:30, disregard the sample ID's on the sample container labelS. Follow the numerical number on the lid and correspond with the number and ID listed on the Chain of Custody.Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Total metals samples were preserved with 1/2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Nitrate+Nitrite samples were preserved with 1/2 mL H2SO4 to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09050746

Date: 14-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

August 04, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09060055 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 6/2/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09060055-001	M-101	06/01/09 00:00	06/02/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09060055-002	M-102	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-003	M-103	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-004	M-104	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-005	M-105	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-006	M-106	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-007	M-107	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-008	M-108	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-009	M-109	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-010	M-110	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-011	M-129	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-012	M-111	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-013	M-112	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-014	M-113	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-015	M-114	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-016	M-115	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-017	M-116	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-018	M-117	06/01/09 00:00	06/02/09	Aqueous	Same As Above
C09060055-019	M-118	06/01/09 00:00	06/02/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09060055-020 M-120A	06/01/09 00:00 06/02/09	Aqueous	Same As Above
C09060055-021 M-121	06/01/09 00:00 06/02/09	Aqueous	Same As Above
C09060055-022 M-130	06/01/09 00:00 06/02/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-001
Client Sample ID: M-101

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	100	mg/L		1		A2320 B	06/03/09 16:09 / ljl
Carbonate as CO3	10	mg/L		1		A2320 B	06/03/09 16:09 / ljl
Bicarbonate as HCO3	102	mg/L		1		A2320 B	06/03/09 16:09 / ljl
Calcium	95	mg/L		1		E200.7	06/11/09 17:09 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 07:43 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 14:57 / ljl
Magnesium	2	mg/L		1		E200.7	06/11/09 17:09 / aae
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	06/04/09 14:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:01 / eli-b
Potassium	7	mg/L		1		E200.7	06/11/09 17:09 / aae
Silica	12.9	mg/L		0.2		E200.8	06/06/09 05:46 / sml
Sodium	33	mg/L		1		E200.7	06/11/09 17:09 / aae
Sulfate	231	mg/L		1		E300.0	06/09/09 07:43 / ljl
PHYSICAL PROPERTIES							
Conductivity	649	umhos/cm		1		A2510 B	06/02/09 13:51 / dd
pH	8.83	s.u.		0.01		A4500-H B	06/02/09 13:51 / dd
Solids, Total Dissolved TDS @ 180 C	491	mg/L		10		A2540 C	06/03/09 11:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 05:46 / sml
Arsenic	0.004	mg/L		0.001		E200.8	06/06/09 05:46 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 05:46 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 05:46 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 05:46 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 05:46 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 05:46 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 05:46 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 05:46 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 05:46 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 05:46 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 05:46 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 05:46 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 05:46 / sml
Uranium	0.0567	mg/L		0.0003		E200.8	06/06/09 05:46 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 05:46 / sml
Zinc	0.04	mg/L		0.01		E200.8	06/06/09 05:46 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 19:33 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 19:33 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-001
Client Sample ID: M-101

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	388	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha precision (±)	9.8	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha MDC	2.1	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta	129	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta precision (±)	3.4	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	06/23/09 03:21 / cgr
Radium 226	180	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 precision (±)	2.8	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 228	8.1	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/10/09 13:05 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.87	%				Calculation	06/15/09 15:29 / kbh
Anions	6.94	meq/L				Calculation	06/15/09 15:29 / kbh
Cations	6.55	meq/L				Calculation	06/15/09 15:29 / kbh
Solids, Total Dissolved Calculated	433	mg/L				Calculation	06/15/09 15:29 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/15/09 15:29 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-002
Client Sample ID: M-102

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	133	mg/L		1		A2320 B	06/03/09 16:16 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 16:16 / ljl
Bicarbonate as HCO3	162	mg/L		1		A2320 B	06/03/09 16:16 / ljl
Calcium	116	mg/L		1		E200.7	06/16/09 14:38 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 07:59 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:00 / ljl
Magnesium	4	mg/L		1		E200.7	06/16/09 14:38 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:02 / eli-b
Potassium	4	mg/L		1		E200.7	06/16/09 14:38 / cp
Silica	14.9	mg/L		0.2		E200.8	06/06/09 05:53 / sml
Sodium	29	mg/L		1		E200.7	06/16/09 14:38 / cp
Sulfate	253	mg/L		1		E300.0	06/09/09 07:59 / ljl
PHYSICAL PROPERTIES							
Conductivity	726	umhos/cm		1		A2510 B	06/02/09 13:53 / dd
pH	7.72	s.u.		0.01		A4500-H B	06/02/09 13:53 / dd
Solids, Total Dissolved TDS @ 180 C	548	mg/L		10		A2540 C	06/03/09 11:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 05:53 / sml
Arsenic	0.003	mg/L		0.001		E200.8	06/06/09 05:53 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 05:53 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 05:53 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 05:53 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 05:53 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 05:53 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 05:53 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 05:53 / sml
Manganese	0.02	mg/L		0.01		E200.8	06/06/09 05:53 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 05:53 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 05:53 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 05:53 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 05:53 / sml
Uranium	0.0406	mg/L		0.0003		E200.8	06/06/09 05:53 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 05:53 / sml
Zinc	0.03	mg/L		0.01		E200.8	06/06/09 05:53 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 20:02 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/16/09 20:02 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-002
Client Sample ID: M-102

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	60.4	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha precision (±)	4.3	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha MDC	2.4	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta	22.1	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta MDC	3.2	pCi/L				E900.0	06/23/09 03:21 / cgr
Radium 226	2.4	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 precision (±)	0.35	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 228	2.3	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 13:05 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.54	%				Calculation	06/19/09 13:19 / kbh
Anions	8.06	meq/L				Calculation	06/19/09 13:19 / kbh
Cations	7.51	meq/L				Calculation	06/19/09 13:19 / kbh
Solids, Total Dissolved Calculated	514	mg/L				Calculation	06/19/09 13:19 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 13:19 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-003
Client Sample ID: M-103

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	143	mg/L		1		A2320 B	06/03/09 16:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 16:24 / ljl
Bicarbonate as HCO3	174	mg/L		1		A2320 B	06/03/09 16:24 / ljl
Calcium	130	mg/L		1		E200.7	06/11/09 17:20 / aae
Chloride	6	mg/L		1		E300.0	06/09/09 08:14 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/05/09 15:03 / ljl
Magnesium	6	mg/L		1		E200.7	06/11/09 17:20 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:03 / eli-b
Potassium	4	mg/L		1		E200.7	06/11/09 17:20 / aae
Silica	15.5	mg/L		0.2		E200.8	06/06/09 06:00 / sml
Sodium	31	mg/L		1		E200.7	06/11/09 17:20 / aae
Sulfate	290	mg/L		1		E300.0	06/09/09 08:14 / ljl
PHYSICAL PROPERTIES							
Conductivity	822	umhos/cm		1		A2510 B	06/02/09 13:56 / dd
pH	7.58	s.u.		0.01		A4500-H B	06/02/09 13:56 / dd
Solids, Total Dissolved TDS @ 180 C	627	mg/L		10		A2540 C	06/03/09 11:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:00 / sml
Arsenic	0.001	mg/L		0.001		E200.8	06/06/09 06:00 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:00 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:00 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:00 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:00 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:00 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:00 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:00 / sml
Manganese	0.03	mg/L		0.01		E200.8	06/06/09 06:00 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:00 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:00 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:00 / sml
Selenium	0.032	mg/L		0.001		E200.8	06/06/09 06:00 / sml
Uranium	0.548	mg/L		0.0003		E200.8	06/06/09 06:00 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:00 / sml
Zinc	0.03	mg/L		0.01		E200.8	06/06/09 06:00 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 20:07 / cp
Manganese	0.03	mg/L		0.01		E200.7	06/16/09 20:07 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-003
Client Sample ID: M-103

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	438	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Alpha precision (±)	11.3	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Alpha MDC	2.5	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta	204	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta MDC	3.3	pCi/L				E900.0	07/08/09 18:57 / cgr
Radium 226	1.6	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 precision (±)	0.30	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 228	2.6	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 13:05 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.67	%				Calculation	06/15/09 15:31 / kbh
Anions	9.09	meq/L				Calculation	06/15/09 15:31 / kbh
Cations	8.44	meq/L				Calculation	06/15/09 15:31 / kbh
Solids, Total Dissolved Calculated	554	mg/L				Calculation	06/15/09 15:31 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/15/09 15:31 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-004
Client Sample ID: M-104

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	140	mg/L		1		A2320 B	06/03/09 16:31 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 16:31 / ljl
Bicarbonate as HCO3	171	mg/L		1		A2320 B	06/03/09 16:31 / ljl
Calcium	124	mg/L		1		E200.7	06/11/09 17:31 / aae
Chloride	9	mg/L		1		E300.0	06/09/09 09:00 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/05/09 15:05 / ljl
Magnesium	5	mg/L		1		E200.7	06/11/09 17:31 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:48 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:04 / eli-b
Potassium	4	mg/L		1		E200.7	06/11/09 17:31 / aae
Silica	16.0	mg/L		0.2		E200.8	06/06/09 06:07 / sml
Sodium	31	mg/L		1		E200.7	06/11/09 17:31 / aae
Sulfate	278	mg/L		1		E300.0	06/09/09 09:00 / ljl
PHYSICAL PROPERTIES							
Conductivity	797	umhos/cm		1		A2510 B	06/02/09 13:59 / dd
pH	7.67	s.u.		0.01		A4500-H B	06/02/09 13:59 / dd
Solids, Total Dissolved TDS @ 180 C	603	mg/L		10		A2540 C	06/03/09 11:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:07 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 06:07 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:07 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:07 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:07 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:07 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:07 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:07 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:07 / sml
Manganese	0.05	mg/L		0.01		E200.8	06/06/09 06:07 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:07 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:07 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:07 / sml
Selenium	0.039	mg/L		0.001		E200.8	06/06/09 06:07 / sml
Uranium	0.609	mg/L		0.0003		E200.8	06/06/09 06:07 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:07 / sml
Zinc	0.02	mg/L		0.01		E200.8	06/06/09 06:07 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 20:11 / cp
Manganese	0.05	mg/L		0.01		E200.7	06/16/09 20:11 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-004
Client Sample ID: M-104

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	603	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha precision (±)	13.6	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha MDC	2.6	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta	173	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta precision (±)	4.3	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta MDC	3.6	pCi/L				E900.0	06/23/09 03:21 / cgr
Radium 226	2.7	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 precision (±)	0.35	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 226 MDC	0.18	pCi/L				E903.0	06/15/09 16:19 / jah
Radium 228	3.4	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/10/09 13:05 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.85	%				Calculation	06/15/09 15:31 / kbh
Anions	8.84	meq/L				Calculation	06/15/09 15:31 / kbh
Cations	8.02	meq/L				Calculation	06/15/09 15:31 / kbh
Solids, Total Dissolved Calculated	534	mg/L				Calculation	06/15/09 15:31 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/15/09 15:31 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-005
Client Sample ID: M-105

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	131	mg/L		1		A2320 B	06/03/09 17:02 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 17:02 / ljl
Bicarbonate as HCO3	160	mg/L		1		A2320 B	06/03/09 17:02 / ljl
Calcium	105	mg/L		1		E200.7	06/11/09 17:36 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 09:16 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:08 / ljl
Magnesium	4	mg/L		1		E200.7	06/11/09 17:36 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:05 / eli-b
Potassium	3	mg/L		1		E200.7	06/11/09 17:36 / aae
Silica	14.9	mg/L		0.2		E200.8	06/06/09 06:14 / sml
Sodium	31	mg/L		1		E200.7	06/11/09 17:36 / aae
Sulfate	236	mg/L		1		E300.0	06/09/09 09:16 / ljl
PHYSICAL PROPERTIES							
Conductivity	703	umhos/cm		1		A2510 B	06/02/09 14:02 / dd
pH	7.67	s.u.		0.01		A4500-H B	06/02/09 14:02 / dd
Solids, Total Dissolved TDS @ 180 C	495	mg/L		10		A2540 C	06/03/09 11:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:14 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 06:14 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:14 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:14 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:14 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:14 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:14 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:14 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:14 / sml
Manganese	0.02	mg/L		0.01		E200.8	06/06/09 06:14 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:14 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:14 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:14 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 06:14 / sml
Uranium	0.0863	mg/L		0.0003		E200.8	06/06/09 06:14 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:14 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 06:14 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/16/09 20:15 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/16/09 20:15 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-005
Client Sample ID: M-105

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	661	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha precision (±)	13.3	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta	175	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta precision (±)	4.0	pCi/L				E900.0	06/23/09 03:21 / cgr
Gross Beta MDC	3.2	pCi/L				E900.0	06/23/09 03:21 / cgr
Radium 226	267	pCi/L				E903.0	06/15/09 18:48 / jah
Radium 226 precision (±)	3.5	pCi/L				E903.0	06/15/09 18:48 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 18:48 / jah
Radium 228	7.6	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/10/09 13:05 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 13:05 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.75	%				Calculation	06/15/09 15:31 / kbh
Anions	7.69	meq/L				Calculation	06/15/09 15:31 / kbh
Cations	7.00	meq/L				Calculation	06/15/09 15:31 / kbh
Solids, Total Dissolved Calculated	463	mg/L				Calculation	06/15/09 15:31 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/15/09 15:31 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-006
Client Sample ID: M-106

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	129	mg/L		1		A2320 B	06/03/09 17:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 17:24 / ljl
Bicarbonate as HCO3	157	mg/L		1		A2320 B	06/03/09 17:24 / ljl
Calcium	109	mg/L		1		E200.7	06/16/09 15:06 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 09:31 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:11 / ljl
Magnesium	4	mg/L		1		E200.7	06/16/09 15:06 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:07 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 15:06 / cp
Silica	14.2	mg/L		0.2		E200.8	06/06/09 06:21 / sml
Sodium	27	mg/L		1		E200.7	06/16/09 15:06 / cp
Sulfate	235	mg/L		1		E300.0	06/09/09 09:31 / ljl
PHYSICAL PROPERTIES							
Conductivity	695	umhos/cm		1		A2510 B	06/02/09 14:05 / dd
pH	7.79	s.u.		0.01		A4500-H B	06/02/09 14:05 / dd
Solids, Total Dissolved TDS @ 180 C	502	mg/L		10		A2540 C	06/03/09 11:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:21 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 06:21 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:21 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:21 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:21 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:21 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:21 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:21 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:21 / sml
Manganese	0.02	mg/L		0.01		E200.8	06/06/09 06:21 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:21 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:21 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:21 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 06:21 / sml
Uranium	0.0502	mg/L		0.0003		E200.8	06/06/09 06:21 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:21 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 06:21 / sml
METALS - TOTAL							
Iron	0.68	mg/L		0.03		E200.7	06/19/09 00:06 / cp
Manganese	0.03	mg/L		0.01		E200.7	06/19/09 00:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-006
Client Sample ID: M-106

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	107	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta	44.2	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	07/08/09 18:57 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	07/08/09 18:57 / cgr
Radium 226	14	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	1.0	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.31	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	6.7	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.28	%				Calculation	06/19/09 13:19 / kbh
Anions	7.63	meq/L				Calculation	06/19/09 13:19 / kbh
Cations	7.00	meq/L				Calculation	06/19/09 13:19 / kbh
Solids, Total Dissolved Calculated	483	mg/L				Calculation	06/19/09 13:19 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/19/09 13:19 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-007
Client Sample ID: M-107

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	06/03/09 17:32 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	06/03/09 17:32 / ljl
Bicarbonate as HCO3	118	mg/L		1		A2320 B	06/03/09 17:32 / ljl
Calcium	96	mg/L		1		E200.7	06/11/09 17:47 / aae
Chloride	6	mg/L		1		E300.0	06/09/09 09:46 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:20 / ljl
Magnesium	3	mg/L		1		E200.7	06/11/09 17:47 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:08 / eli-b
Potassium	9	mg/L		1		E200.7	06/11/09 17:47 / aae
Silica	14.0	mg/L		0.2		E200.8	06/06/09 06:27 / sml
Sodium	35	mg/L		1		E200.7	06/11/09 17:47 / aae
Sulfate	230	mg/L		1		E300.0	06/09/09 09:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	658	umhos/cm		1		A2510 B	06/02/09 14:07 / dd
pH	8.68	s.u.		0.01		A4500-H B	06/02/09 14:07 / dd
Solids, Total Dissolved TDS @ 180 C	475	mg/L		10		A2540 C	06/03/09 11:51 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:27 / sml
Arsenic	0.004	mg/L		0.001		E200.8	06/06/09 06:27 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:27 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:27 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:27 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:27 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:27 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:27 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:27 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 06:27 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:27 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:27 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:27 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 06:27 / sml
Uranium	0.0532	mg/L		0.0003		E200.8	06/06/09 06:27 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:27 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 06:27 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 20:19 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 20:19 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-007
Client Sample ID: M-107

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	83.3	pCi/L				E900.0	07/24/09 02:19 / cgr
Gross Alpha precision (±)	4.8	pCi/L				E900.0	07/24/09 02:19 / cgr
Gross Alpha MDC	2.7	pCi/L				E900.0	07/24/09 02:19 / cgr
Gross Beta	35.1	pCi/L				E900.0	07/24/09 02:19 / cgr
Gross Beta precision (±)	2.2	pCi/L				E900.0	07/24/09 02:19 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	07/24/09 02:19 / cgr
Radium 226	6.9	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	0.63	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	4.1	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.58	%				Calculation	06/15/09 15:32 / kbh
Anions	7.00	meq/L				Calculation	06/15/09 15:32 / kbh
Cations	6.78	meq/L				Calculation	06/15/09 15:32 / kbh
Solids, Total Dissolved Calculated	440	mg/L				Calculation	06/15/09 15:32 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/15/09 15:32 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-008
Client Sample ID: M-108

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	122	mg/L		1		A2320 B	06/03/09 17:39 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 17:39 / ljl
Bicarbonate as HCO3	149	mg/L		1		A2320 B	06/03/09 17:39 / ljl
Calcium	86	mg/L		1		E200.7	06/11/09 18:22 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 10:02 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:22 / ljl
Magnesium	4	mg/L		1		E200.7	06/11/09 18:22 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:09 / eli-b
Potassium	3	mg/L		1		E200.7	06/11/09 18:22 / aae
Silica	14.2	mg/L		0.2		E200.8	06/06/09 06:34 / sml
Sodium	29	mg/L		1		E200.7	06/11/09 18:22 / aae
Sulfate	189	mg/L		1		E300.0	06/09/09 10:02 / ljl
PHYSICAL PROPERTIES							
Conductivity	607	umhos/cm		1		A2510 B	06/02/09 14:09 / dd
pH	7.86	s.u.		0.01		A4500-H B	06/02/09 14:09 / dd
Solids, Total Dissolved TDS @ 180 C	425	mg/L		10		A2540 C	06/03/09 11:51 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 06:34 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 06:34 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 06:34 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 06:34 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 06:34 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 06:34 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 06:34 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 06:34 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 06:34 / sml
Manganese	0.01	mg/L		0.01		E200.8	06/06/09 06:34 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 06:34 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 06:34 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 06:34 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 06:34 / sml
Uranium	0.0152	mg/L		0.0003		E200.8	06/06/09 06:34 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 06:34 / sml
Zinc	0.01	mg/L		0.01		E200.8	06/06/09 06:34 / sml
METALS - TOTAL							
Iron	0.10	mg/L		0.03		E200.7	06/16/09 20:23 / cp
Manganese	0.01	mg/L		0.01		E200.7	06/16/09 20:23 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-008
Client Sample ID: M-108

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	45.4	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	3.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.3	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	20.3	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	9.7	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	0.80	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.27	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	6.7	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.80	%				Calculation	06/15/09 15:33 / kbh
Anions	6.54	meq/L				Calculation	06/15/09 15:33 / kbh
Cations	5.94	meq/L				Calculation	06/15/09 15:33 / kbh
Solids, Total Dissolved Calculated	389	mg/L				Calculation	06/15/09 15:33 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/15/09 15:33 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-009
Client Sample ID: M-109

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	90	mg/L		1		A2320 B	06/03/09 17:46 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 17:46 / ljl
Bicarbonate as HCO3	109	mg/L		1		A2320 B	06/03/09 17:46 / ljl
Calcium	58	mg/L		1		E200.7	06/11/09 18:27 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 11:03 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 15:25 / ljl
Magnesium	3	mg/L		1		E200.7	06/11/09 18:27 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 14:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:22 / eli-b
Potassium	5	mg/L		1		E200.7	06/11/09 18:27 / aae
Silica	12.6	mg/L		0.2		E200.8	06/06/09 07:09 / sml
Sodium	31	mg/L		1		E200.7	06/11/09 18:27 / aae
Sulfate	147	mg/L		1		E300.0	06/09/09 11:03 / ljl
PHYSICAL PROPERTIES							
Conductivity	487	umhos/cm		1		A2510 B	06/02/09 14:13 / dd
pH	8.12	s.u.		0.01		A4500-H B	06/02/09 14:13 / dd
Solids, Total Dissolved TDS @ 180 C	334	mg/L		10		A2540 C	06/03/09 11:52 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 07:09 / sml
Arsenic	0.001	mg/L		0.001		E200.8	06/06/09 07:09 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 07:09 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 07:09 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 07:09 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 07:09 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 07:09 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 07:09 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 07:09 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 07:09 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 07:09 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 07:09 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 07:09 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 07:09 / sml
Uranium	0.0208	mg/L		0.0003		E200.8	06/06/09 07:09 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 07:09 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 07:09 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 20:27 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 20:27 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-009
Client Sample ID: M-109

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	42.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	3.1	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	21.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	12	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	0.89	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.27	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	5.0	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.46	%				Calculation	06/15/09 15:33 / kbh
Anions	5.01	meq/L				Calculation	06/15/09 15:33 / kbh
Cations	4.58	meq/L				Calculation	06/15/09 15:33 / kbh
Solids, Total Dissolved Calculated	302	mg/L				Calculation	06/15/09 15:33 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	06/15/09 15:33 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-010
Client Sample ID: M-110

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	06/03/09 17:53 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 17:53 / ljl
Bicarbonate as HCO3	133	mg/L		1		A2320 B	06/03/09 17:53 / ljl
Calcium	72	mg/L		1		E200.7	06/16/09 16:10 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 11:50 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 15:38 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:10 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:00 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:23 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:10 / cp
Silica	13.0	mg/L		0.2		E200.8	06/06/09 07:16 / sml
Sodium	29	mg/L		1		E200.7	06/16/09 16:10 / cp
Sulfate	151	mg/L		1		E300.0	06/09/09 11:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	518	umhos/cm		1		A2510 B	06/02/09 14:16 / dd
pH	7.82	s.u.		0.01		A4500-H B	06/02/09 14:16 / dd
Solids, Total Dissolved TDS @ 180 C	371	mg/L		10		A2540 C	06/03/09 11:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 07:16 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 07:16 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 07:16 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 07:16 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 07:16 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 07:16 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 07:16 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 07:16 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 07:16 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 07:16 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 07:16 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 07:16 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 07:16 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 07:16 / sml
Uranium	0.136	mg/L		0.0003		E200.8	06/06/09 07:16 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 07:16 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 07:16 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/16/09 20:36 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 20:36 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-010
Client Sample ID: M-110

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	187	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	6.5	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	69.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	41	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	1.6	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.25	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	4.5	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.06	%				Calculation	06/19/09 13:20 / kbh
Anions	5.48	meq/L				Calculation	06/19/09 13:20 / kbh
Cations	5.16	meq/L				Calculation	06/19/09 13:20 / kbh
Solids, Total Dissolved Calculated	347	mg/L				Calculation	06/19/09 13:20 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 13:20 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-011
Client Sample ID: M-129

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	06/03/09 18:00 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 18:00 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	06/03/09 18:00 / ljl
Calcium	72	mg/L		1		E200.7	06/16/09 16:14 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 12:05 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 15:43 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:14 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:01 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:24 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:14 / cp
Silica	13.0	mg/L		0.2		E200.8	06/06/09 07:43 / sml
Sodium	29	mg/L		1		E200.7	06/16/09 16:14 / cp
Sulfate	151	mg/L		1		E300.0	06/09/09 12:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	516	umhos/cm		1		A2510 B	06/02/09 14:21 / dd
pH	7.91	s.u.		0.01		A4500-H B	06/02/09 14:21 / dd
Solids, Total Dissolved TDS @ 180 C	365	mg/L		10		A2540 C	06/03/09 11:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 07:43 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 07:43 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 07:43 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 07:43 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 07:43 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 07:43 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 07:43 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 07:43 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 07:43 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 07:43 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 07:43 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 07:43 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 07:43 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 07:43 / sml
Uranium	0.137	mg/L		0.0003		E200.8	06/06/09 07:43 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 07:43 / sml
Zinc	0.01	mg/L		0.01		E200.8	06/06/09 07:43 / sml
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/16/09 21:37 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 21:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-011
Client Sample ID: M-129

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	202	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	6.7	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	69.4	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	43	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 precision (±)	1.6	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 226 MDC	0.25	pCi/L				E903.0	06/16/09 10:20 / jah
Radium 228	4.3	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.93	%				Calculation	06/19/09 13:21 / kbh
Anions	5.49	meq/L				Calculation	06/19/09 13:21 / kbh
Cations	5.18	meq/L				Calculation	06/19/09 13:21 / kbh
Solids, Total Dissolved Calculated	349	mg/L				Calculation	06/19/09 13:21 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/19/09 13:21 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-012
Client Sample ID: M-111

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	06/03/09 18:08 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 18:08 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	06/03/09 18:08 / ljl
Calcium	71	mg/L		1		E200.7	06/11/09 18:43 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 12:20 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:46 / ljl
Magnesium	3	mg/L		1		E200.7	06/11/09 18:43 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:02 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 13:26 / eli-b
Potassium	3	mg/L		1		E200.7	06/11/09 18:43 / aae
Silica	13.9	mg/L		0.2		E200.8	06/06/09 07:50 / sml
Sodium	31	mg/L		1		E200.7	06/11/09 18:43 / aae
Sulfate	153	mg/L		1		E300.0	06/09/09 12:20 / ljl
PHYSICAL PROPERTIES							
Conductivity	530	umhos/cm		1		A2510 B	06/02/09 14:23 / dd
pH	7.98	s.u.		0.01		A4500-H B	06/02/09 14:23 / dd
Solids, Total Dissolved TDS @ 180 C	378	mg/L		10		A2540 C	06/03/09 11:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 07:50 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 07:50 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 07:50 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 07:50 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 07:50 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 07:50 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 07:50 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 07:50 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 07:50 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 07:50 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 07:50 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 07:50 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 07:50 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 07:50 / sml
Uranium	0.0245	mg/L		0.0003		E200.8	06/06/09 07:50 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 07:50 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 07:50 / sml
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	06/16/09 21:45 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 21:45 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-012
Client Sample ID: M-111

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	34.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.1	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	19.1	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	5.1	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 228	5.1	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.52	%				Calculation	06/15/09 15:34 / kbh
Anions	5.59	meq/L				Calculation	06/15/09 15:34 / kbh
Cations	5.21	meq/L				Calculation	06/15/09 15:34 / kbh
Solids, Total Dissolved Calculated	333	mg/L				Calculation	06/15/09 15:34 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/15/09 15:34 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-013
Client Sample ID: M-112

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	06/03/09 18:15 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 18:15 / ljl
Bicarbonate as HCO3	140	mg/L		1		A2320 B	06/03/09 18:15 / ljl
Calcium	75	mg/L		1		E200.7	06/16/09 16:31 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 12:36 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 15:53 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:31 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:03 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:07 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:31 / cp
Silica	13.9	mg/L		0.2		E200.8	06/06/09 07:57 / sml
Sodium	27	mg/L		1		E200.7	06/16/09 16:31 / cp
Sulfate	150	mg/L		1		E300.0	06/09/09 12:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	530	umhos/cm		1		A2510 B	06/02/09 14:26 / dd
pH	7.94	s.u.		0.01		A4500-H B	06/02/09 14:26 / dd
Solids, Total Dissolved TDS @ 180 C	373	mg/L		10		A2540 C	06/03/09 11:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 07:57 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 07:57 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 07:57 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 07:57 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 07:57 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 07:57 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 07:57 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 07:57 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 07:57 / sml
Manganese	0.01	mg/L		0.01		E200.8	06/06/09 07:57 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 07:57 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 07:57 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 07:57 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 07:57 / sml
Uranium	0.0234	mg/L		0.0003		E200.8	06/06/09 07:57 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 07:57 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 07:57 / sml
METALS - TOTAL							
Iron	0.05	mg/L		0.03		E200.7	06/16/09 21:49 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 21:49 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-013
Client Sample ID: M-112

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	34.7	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	3.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.1	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	13.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	4.5	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 226 precision (±)	0.45	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 12:09 / jah
Radium 228	5.7	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 10:06 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 10:06 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.83	%				Calculation	06/19/09 13:22 / kbh
Anions	5.56	meq/L				Calculation	06/19/09 13:22 / kbh
Cations	5.25	meq/L				Calculation	06/19/09 13:22 / kbh
Solids, Total Dissolved Calculated	353	mg/L				Calculation	06/19/09 13:22 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/19/09 13:22 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-014
Client Sample ID: M-113

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	06/03/09 18:22 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 18:22 / ljl
Bicarbonate as HCO3	121	mg/L		1		A2320 B	06/03/09 18:22 / ljl
Calcium	56	mg/L		1		E200.7	06/16/09 16:51 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 12:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:00 / ljl
Magnesium	2	mg/L		1		E200.7	06/16/09 16:51 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:07 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:04 / eli-b
Potassium	4	mg/L		1		E200.7	06/16/09 16:51 / cp
Silica	12.9	mg/L		0.2		E200.8	06/06/09 08:03 / sml
Sodium	31	mg/L		1		E200.7	06/16/09 16:51 / cp
Sulfate	126	mg/L		1		E300.0	06/09/09 12:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	466	umhos/cm		1		A2510 B	06/02/09 14:28 / dd
pH	8.03	s.u.		0.01		A4500-H B	06/02/09 14:28 / dd
Solids, Total Dissolved TDS @ 180 C	315	mg/L		10		A2540 C	06/03/09 11:55 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 08:03 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 08:03 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 08:03 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 08:03 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 08:03 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 08:03 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 08:03 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 08:03 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 08:03 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 08:03 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 08:03 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 08:03 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 08:03 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 08:03 / sml
Uranium	0.0151	mg/L		0.0003		E200.8	06/06/09 08:03 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 08:03 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 08:03 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 21:53 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 21:53 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-014
Client Sample ID: M-113

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	36.3	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	16.4	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	9.6	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	0.66	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	4.3	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.41	%				Calculation	06/19/09 13:22 / kbh
Anions	4.74	meq/L				Calculation	06/19/09 13:22 / kbh
Cations	4.42	meq/L				Calculation	06/19/09 13:22 / kbh
Solids, Total Dissolved Calculated	303	mg/L				Calculation	06/19/09 13:22 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/19/09 13:22 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-015
Client Sample ID: M-114

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	06/03/09 18:39 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	06/03/09 18:39 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	06/03/09 18:39 / ljl
Calcium	57	mg/L		1		E200.7	06/11/09 19:00 / aae
Chloride	6	mg/L		1		E300.0	06/09/09 13:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:03 / ljl
Magnesium	2	mg/L		1		E200.7	06/11/09 19:00 / aae
Nitrogen, Ammonia as N	0.06	mg/L		0.05		E350.1	06/04/09 15:11 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:10 / eli-b
Potassium	7	mg/L		1		E200.7	06/11/09 19:00 / aae
Silica	12.0	mg/L		0.2		E200.8	06/06/09 08:38 / sml
Sodium	37	mg/L		1		E200.7	06/11/09 19:00 / aae
Sulfate	142	mg/L		1		E300.0	06/09/09 13:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	514	umhos/cm		1		A2510 B	06/02/09 14:30 / dd
pH	8.77	s.u.		0.01		A4500-H B	06/02/09 14:30 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	06/02/09 16:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 08:38 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 08:38 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 08:38 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 08:38 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 08:38 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 08:38 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 08:38 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 08:38 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 08:38 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 08:38 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 08:38 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 08:38 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 08:38 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 08:38 / sml
Uranium	0.0523	mg/L		0.0003		E200.8	06/06/09 08:38 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 08:38 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 08:38 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 21:57 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 21:57 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-015
Client Sample ID: M-114

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	471	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	10.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	187	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	3.7	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	218	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	3.1	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	5.3	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.56	%				Calculation	06/15/09 15:36 / kbh
Anions	5.26	meq/L				Calculation	06/15/09 15:36 / kbh
Cations	4.80	meq/L				Calculation	06/15/09 15:36 / kbh
Solids, Total Dissolved Calculated	315	mg/L				Calculation	06/15/09 15:36 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/15/09 15:36 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-016
Client Sample ID: M-115

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	102	mg/L		1		A2320 B	06/03/09 19:02 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	06/03/09 19:02 / ljl
Bicarbonate as HCO3	108	mg/L		1		A2320 B	06/03/09 19:02 / ljl
Calcium	60	mg/L		1		E200.7	06/11/09 19:05 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 13:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:07 / ljl
Magnesium	2	mg/L		1		E200.7	06/11/09 19:05 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:12 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:11 / eli-b
Potassium	4	mg/L		1		E200.7	06/11/09 19:05 / aae
Silica	12.9	mg/L		0.2		E200.8	06/06/09 08:45 / sml
Sodium	38	mg/L		1		E200.7	06/11/09 19:05 / aae
Sulfate	132	mg/L		1		E300.0	06/09/09 13:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	485	umhos/cm		1		A2510 B	06/02/09 14:32 / dd
pH	8.88	s.u.		0.01		A4500-H B	06/02/09 14:32 / dd
Solids, Total Dissolved TDS @ 180 C	322	mg/L		10		A2540 C	06/02/09 16:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 08:45 / sml
Arsenic	0.004	mg/L		0.001		E200.8	06/06/09 08:45 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 08:45 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 08:45 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 08:45 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 08:45 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 08:45 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 08:45 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 08:45 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 08:45 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 08:45 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 08:45 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 08:45 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 08:45 / sml
Uranium	0.118	mg/L		0.0003		E200.8	06/06/09 08:45 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 08:45 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 08:45 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:01 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 22:01 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-016
Client Sample ID: M-115

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	138	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha precision (±)	5.5	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta	46.4	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/23/09 21:07 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/23/09 21:07 / cgr
Radium 226	3.6	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	0.41	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	1.7	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.460	%				Calculation	06/15/09 15:36 / kbh
Anions	4.94	meq/L				Calculation	06/15/09 15:36 / kbh
Cations	4.89	meq/L				Calculation	06/15/09 15:36 / kbh
Solids, Total Dissolved Calculated	302	mg/L				Calculation	06/15/09 15:36 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/15/09 15:36 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-017
Client Sample ID: M-116

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	06/03/09 19:09 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	06/03/09 19:09 / ljl
Bicarbonate as HCO3	122	mg/L		1		A2320 B	06/03/09 19:09 / ljl
Calcium	54	mg/L		1		E200.7	06/11/09 19:11 / aae
Chloride	5	mg/L		1		E300.0	06/09/09 13:38 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:15 / ljl
Magnesium	2	mg/L		1		E200.7	06/11/09 19:11 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:13 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	06/04/09 14:12 / eli-b
Potassium	3	mg/L		1		E200.7	06/11/09 19:11 / aae
Silica	12.8	mg/L		0.2		E200.8	06/06/09 08:52 / sml
Sodium	33	mg/L		1		E200.7	06/11/09 19:11 / aae
Sulfate	119	mg/L		1		E300.0	06/09/09 13:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	468	umhos/cm		1		A2510 B	06/02/09 14:33 / dd
pH	8.54	s.u.		0.01		A4500-H B	06/02/09 14:33 / dd
Solids, Total Dissolved TDS @ 180 C	304	mg/L		10		A2540 C	06/02/09 16:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 08:52 / sml
Arsenic	0.003	mg/L		0.001		E200.8	06/06/09 08:52 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 08:52 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 08:52 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 08:52 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 08:52 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 08:52 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 08:52 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 08:52 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 08:52 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 08:52 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 08:52 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 08:52 / sml
Selenium	0.010	mg/L		0.001		E200.8	06/06/09 08:52 / sml
Uranium	0.187	mg/L		0.0003		E200.8	06/06/09 08:52 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 08:52 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 08:52 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:05 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 22:05 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-017
Client Sample ID: M-116

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	174	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	6.1	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	48.4	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	1.1	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	0.24	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	1.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.34	%				Calculation	06/15/09 15:36 / kbh
Anions	4.80	meq/L				Calculation	06/15/09 15:36 / kbh
Cations	4.41	meq/L				Calculation	06/15/09 15:36 / kbh
Solids, Total Dissolved Calculated	282	mg/L				Calculation	06/15/09 15:36 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/15/09 15:36 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-018
Client Sample ID: M-117

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	06/03/09 19:17 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 19:17 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	06/03/09 19:17 / ljl
Calcium	57	mg/L		1		E200.7	06/16/09 17:07 / cp
Chloride	5	mg/L		1		E300.0	06/09/09 13:53 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:18 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 17:07 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:14 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.10	mg/L		0.05		E353.2	06/04/09 14:13 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 17:07 / cp
Silica	13.2	mg/L		0.2		E200.8	06/06/09 08:58 / sml
Sodium	33	mg/L		1		E200.7	06/16/09 17:07 / cp
Sulfate	121	mg/L		1		E300.0	06/09/09 13:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	473	umhos/cm		1		A2510 B	06/02/09 14:35 / dd
pH	8.08	s.u.		0.01		A4500-H B	06/02/09 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	309	mg/L		10		A2540 C	06/02/09 16:06 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 08:58 / sml
Arsenic	0.002	mg/L		0.001		E200.8	06/06/09 08:58 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 08:58 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 08:58 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 08:58 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 08:58 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 08:58 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 08:58 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 08:58 / sml
Manganese	0.07	mg/L		0.01		E200.8	06/06/09 08:58 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 08:58 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 08:58 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 08:58 / sml
Selenium	0.012	mg/L		0.001		E200.8	06/06/09 08:58 / sml
Uranium	0.178	mg/L		0.0003		E200.8	06/06/09 08:58 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 08:58 / sml
Zinc	0.05	mg/L		0.01		E200.8	06/06/09 08:58 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:09 / cp
Manganese	0.06	mg/L		0.01		E200.7	06/16/09 22:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-018
Client Sample ID: M-117

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	192	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	6.3	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	60.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	1.4	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	0.26	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	1.4	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.84	%				Calculation	06/19/09 13:23 / kbh
Anions	4.84	meq/L				Calculation	06/19/09 13:23 / kbh
Cations	4.57	meq/L				Calculation	06/19/09 13:23 / kbh
Solids, Total Dissolved Calculated	307	mg/L				Calculation	06/19/09 13:23 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/19/09 13:23 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-019
Client Sample ID: M-118

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	06/03/09 19:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 19:24 / ljl
Bicarbonate as HCO3	128	mg/L		1		A2320 B	06/03/09 19:24 / ljl
Calcium	62	mg/L		1		E200.7	06/16/09 17:11 / cp
Chloride	5	mg/L		1		E300.0	06/10/09 23:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:21 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 17:11 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:15 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:14 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 17:11 / cp
Silica	13.0	mg/L		0.2		E200.8	06/06/09 09:05 / sml
Sodium	37	mg/L		1		E200.7	06/16/09 17:11 / cp
Sulfate	150	mg/L		1		E300.0	06/10/09 23:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	520	umhos/cm		1		A2510 B	06/02/09 14:37 / dd
pH	7.79	s.u.		0.01		A4500-H B	06/02/09 14:37 / dd
Solids, Total Dissolved TDS @ 180 C	353	mg/L		10		A2540 C	06/02/09 16:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 09:05 / sml
Arsenic	0.001	mg/L		0.001		E200.8	06/06/09 09:05 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 09:05 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 09:05 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 09:05 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 09:05 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 09:05 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 09:05 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 09:05 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 09:05 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 09:05 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 09:05 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 09:05 / sml
Selenium	0.002	mg/L		0.001		E200.8	06/06/09 09:05 / sml
Uranium	0.192	mg/L		0.0003		E200.8	06/06/09 09:05 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 09:05 / sml
Zinc	0.05	mg/L		0.01		E200.8	06/06/09 09:05 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:13 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 22:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-019
Client Sample ID: M-118

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	257	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	7.4	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	81.2	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	2.7	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	30	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	1.2	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	3.0	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.52	%				Calculation	06/19/09 13:26 / kbh
Anions	5.37	meq/L				Calculation	06/19/09 13:26 / kbh
Cations	5.01	meq/L				Calculation	06/19/09 13:26 / kbh
Solids, Total Dissolved Calculated	342	mg/L				Calculation	06/19/09 13:26 / kbh
TDS Balance (0.80 - 1.20)	1.03					Calculation	06/19/09 13:26 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-020
Client Sample ID: M-120A

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	45	mg/L		1		A2320 B	06/03/09 19:30 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	06/03/09 19:30 / ljl
Bicarbonate as HCO3	50	mg/L		1		A2320 B	06/03/09 19:30 / ljl
Calcium	39	mg/L		1		E200.7	06/11/09 20:01 / aae
Chloride	22	mg/L		1		E300.0	06/10/09 23:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/05/09 16:36 / ljl
Magnesium	2	mg/L		1		E200.7	06/11/09 20:01 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:16 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:15 / eli-b
Potassium	5	mg/L		1		E200.7	06/11/09 20:01 / aae
Silica	13.5	mg/L		0.2		E200.8	06/06/09 09:12 / sml
Sodium	36	mg/L		1		E200.7	06/11/09 20:01 / aae
Sulfate	108	mg/L		1		E300.0	06/10/09 23:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	416	umhos/cm		1		A2510 B	06/02/09 14:39 / dd
pH	9.04	s.u.		0.01		A4500-H B	06/02/09 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	274	mg/L		10		A2540 C	06/02/09 16:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 09:12 / sml
Arsenic	0.007	mg/L		0.001		E200.8	06/06/09 09:12 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 09:12 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 09:12 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 09:12 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 09:12 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 09:12 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 09:12 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 09:12 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 09:12 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 09:12 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 09:12 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 09:12 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 09:12 / sml
Uranium	0.0477	mg/L		0.0003		E200.8	06/06/09 09:12 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 09:12 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 09:12 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:29 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 22:29 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-020
Client Sample ID: M-120A

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	52.5	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	3.5	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	20.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	0.91	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 precision (±)	0.23	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/15/09 18:45 / jah
Radium 228	0.9	pCi/L	U			RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	0.794	%				Calculation	06/15/09 15:37 / kbh
Anions	3.76	meq/L				Calculation	06/15/09 15:37 / kbh
Cations	3.82	meq/L				Calculation	06/15/09 15:37 / kbh
Solids, Total Dissolved Calculated	239	mg/L				Calculation	06/15/09 15:37 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	06/15/09 15:37 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-021
Client Sample ID: M-121

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	115	mg/L		1		A2320 B	06/03/09 19:38 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 19:38 / ljl
Bicarbonate as HCO3	141	mg/L		1		A2320 B	06/03/09 19:38 / ljl
Calcium	62	mg/L		1		E200.7	06/11/09 20:06 / aae
Chloride	5	mg/L		1		E300.0	06/10/09 23:52 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/05/09 16:39 / ljl
Magnesium	3	mg/L		1		E200.7	06/11/09 20:06 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:18 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:17 / eli-b
Potassium	3	mg/L		1		E200.7	06/11/09 20:06 / aae
Silica	15.2	mg/L		0.2		E200.8	06/06/09 10:07 / sml
Sodium	38	mg/L		1		E200.7	06/11/09 20:06 / aae
Sulfate	129	mg/L		1		E300.0	06/10/09 23:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	498	umhos/cm		1		A2510 B	06/02/09 14:53 / dd
pH	8.05	s.u.		0.01		A4500-H B	06/02/09 14:53 / dd
Solids, Total Dissolved TDS @ 180 C	346	mg/L		10		A2540 C	06/02/09 16:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 10:07 / sml
Arsenic	0.003	mg/L		0.001		E200.8	06/06/09 10:07 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 10:07 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 10:07 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 10:07 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 10:07 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 10:07 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 10:07 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 10:07 / sml
Manganese	0.04	mg/L		0.01		E200.8	06/06/09 10:07 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 10:07 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 10:07 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 10:07 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 10:07 / sml
Uranium	0.0423	mg/L		0.0003		E200.8	06/06/09 10:07 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 10:07 / sml
Zinc	ND	mg/L		0.01		E200.8	06/06/09 10:07 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:37 / cp
Manganese	0.03	mg/L		0.01		E200.7	06/16/09 22:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-021
Client Sample ID: M-121

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	53.5	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	3.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	17.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	1.4	pCi/L				E903.0	06/15/09 22:39 / jah
Radium 226 precision (±)	0.27	pCi/L				E903.0	06/15/09 22:39 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/15/09 22:39 / jah
Radium 228	1.6	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.674	%				Calculation	06/15/09 15:38 / kbh
Anions	5.14	meq/L				Calculation	06/15/09 15:38 / kbh
Cations	5.07	meq/L				Calculation	06/15/09 15:38 / kbh
Solids, Total Dissolved Calculated	309	mg/L				Calculation	06/15/09 15:38 / kbh
TDS Balance (0.80 - 1.20)	1.12					Calculation	06/15/09 15:38 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-022
Client Sample ID: M-130

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	06/03/09 19:43 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/03/09 19:43 / ljl
Bicarbonate as HCO3	2	mg/L		1		A2320 B	06/03/09 19:43 / ljl
Calcium	ND	mg/L		1		E200.7	06/11/09 20:12 / aae
Chloride	ND	mg/L		1		E300.0	06/11/09 00:08 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/05/09 16:46 / ljl
Magnesium	ND	mg/L		1		E200.7	06/11/09 20:12 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/04/09 15:21 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/04/09 14:20 / eli-b
Potassium	ND	mg/L		1		E200.7	06/11/09 20:12 / aae
Silica	ND	mg/L		0.2		E200.8	06/06/09 10:14 / sml
Sodium	ND	mg/L		1		E200.7	06/11/09 20:12 / aae
Sulfate	ND	mg/L		1		E300.0	06/11/09 00:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	2	umhos/cm		1		A2510 B	06/02/09 14:58 / dd
pH	5.96	s.u.		0.01		A4500-H B	06/02/09 14:58 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	06/02/09 16:07 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 10:14 / sml
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 10:14 / sml
Barium	ND	mg/L		0.1		E200.8	06/06/09 10:14 / sml
Boron	ND	mg/L		0.1		E200.8	06/06/09 10:14 / sml
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 10:14 / sml
Chromium	ND	mg/L		0.05		E200.8	06/06/09 10:14 / sml
Copper	ND	mg/L		0.01		E200.8	06/06/09 10:14 / sml
Iron	ND	mg/L		0.03		E200.8	06/06/09 10:14 / sml
Lead	ND	mg/L		0.001		E200.8	06/06/09 10:14 / sml
Manganese	ND	mg/L		0.01		E200.8	06/06/09 10:14 / sml
Mercury	ND	mg/L		0.001		E200.8	06/06/09 10:14 / sml
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 10:14 / sml
Nickel	ND	mg/L		0.05		E200.8	06/06/09 10:14 / sml
Selenium	ND	mg/L		0.001		E200.8	06/06/09 10:14 / sml
Uranium	ND	mg/L		0.0003		E200.8	06/06/09 10:14 / sml
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 10:14 / sml
Zinc	0.01	mg/L		0.01		E200.8	06/06/09 10:14 / sml
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/16/09 22:42 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 22:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060055-022
Client Sample ID: M-130

Report Date: 08/04/09
Collection Date: 06/01/09
DateReceived: 06/02/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.7	pCi/L	U			E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	-0.08	pCi/L	U			E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	0.006	pCi/L	U			E903.0	06/15/09 22:39 / jah
Radium 226 precision (±)	0.12	pCi/L				E903.0	06/15/09 22:39 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/15/09 22:39 / jah
Radium 228	-0.1	pCi/L	U			RA-05	06/10/09 15:11 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/10/09 15:11 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/10/09 15:11 / plj
DATA QUALITY							
A/C Balance (± 5)	-63.6	%				Calculation	06/18/09 08:23 / kbh
Anions	0.0352	meq/L				Calculation	06/18/09 08:23 / kbh
Cations	0.00783	meq/L				Calculation	06/18/09 08:23 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R119061
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090603A				06/03/09 12:56
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		4	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090603A				06/03/09 13:10
Alkalinity, Total as CaCO3		203	mg/L	5.0	100	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090603A				06/03/09 13:17
Alkalinity, Total as CaCO3		53.4	mg/L	5.0	100	90	110			
Sample ID: C09060037-001BMS		Sample Matrix Spike				Run: MANTECH_090603A				06/03/09 15:26
Alkalinity, Total as CaCO3		622	mg/L	5.0	101	80	120			
Sample ID: C09060037-001BMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090603A				06/03/09 15:34
Alkalinity, Total as CaCO3		621	mg/L	5.0	99	80	120	0.3	20	
Sample ID: C09060055-005AMS		Sample Matrix Spike				Run: MANTECH_090603A				06/03/09 17:09
Alkalinity, Total as CaCO3		257	mg/L	5.0	101	80	120			
Sample ID: C09060055-005AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090603A				06/03/09 17:17
Alkalinity, Total as CaCO3		259	mg/L	5.0	102	80	120	0.7	20	
Sample ID: C09060055-015AMS		Sample Matrix Spike				Run: MANTECH_090603A				06/03/09 18:47
Alkalinity, Total as CaCO3		228	mg/L	5.0	98	80	120			
Sample ID: C09060055-015AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090603A				06/03/09 18:54
Alkalinity, Total as CaCO3		231	mg/L	5.0	100	80	120	1.4	20	
Method: A2510 B							Analytical Run: ORION555A_090602A			
Sample ID: ICV2_090602_3		Initial Calibration Verification Standard								06/02/09 13:49
Conductivity		1360	umhos/cm	1.0	96	90	110			
Method: A2510 B										Batch: 090602_3_PH-W_555A-2
Sample ID: MBLK1_090602_3		Method Blank				Run: ORION555A_090602A				06/02/09 13:45
Conductivity		1	umhos/cm	0.2						
Sample ID: C09060055-010ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 14:18
Conductivity		517	umhos/cm	1.0				0.2	10	
Sample ID: C09060055-020ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 14:41
Conductivity		415	umhos/cm	1.0				0.2	10	
Sample ID: C09060081-001ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 15:14
Conductivity		305	umhos/cm	1.0				0.7	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090602_1_SLDS-TDS-W	
Sample ID: LCS2_090602		Laboratory Control Sample				Run: BAL-1_090602B			06/02/09 16:05	
Solids, Total Dissolved TDS @ 180 C		996	mg/L	10	100	90	110			
Sample ID: MBLK2_090602		Method Blank				Run: BAL-1_090602B			06/02/09 16:05	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: C09060059-001AMS		Sample Matrix Spike				Run: BAL-1_090602B			06/02/09 16:08	
Solids, Total Dissolved TDS @ 180 C		2330	mg/L	10	103	90	110			
Sample ID: C09060059-001AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090602B			06/02/09 16:08	
Solids, Total Dissolved TDS @ 180 C		2330	mg/L	10	102	90	110	0.1	10	
Method: A2540 C									Batch: 090603_2_SLDS-TDS-W	
Sample ID: C09060038-002AMS		Sample Matrix Spike				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		4810	mg/L	10	102	90	110			
Sample ID: C09060038-002AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		4820	mg/L	10	102	90	110	0.2	10	
Sample ID: LCS3_		Laboratory Control Sample				Run: BAL-1_090603D			06/03/09 11:53	
Solids, Total Dissolved TDS @ 180 C		996	mg/L	10	99	90	110			
Sample ID: MBLK3_		Method Blank				Run: BAL-1_090603D			06/03/09 11:53	
Solids, Total Dissolved TDS @ 180 C		10	mg/L	6						
Sample ID: C09060141-005AMS		Sample Matrix Spike				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2450	mg/L	10	105	90	110			
Sample ID: C09060141-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2410	mg/L	10	102	90	110	1.7	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R119186
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090605A				06/05/09 11:28
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090605A				06/05/09 11:31
Fluoride		0.980	mg/L	0.10	98	90	110			
Sample ID: C09060055-006AMS		Sample Matrix Spike				Run: MANTECH_090605A				06/05/09 15:14
Fluoride		1.10	mg/L	0.10	99	80	120			
Sample ID: C09060055-006AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090605A				06/05/09 15:17
Fluoride		1.12	mg/L	0.10	101	80	120	1.8	10	
Sample ID: C09060055-016AMS		Sample Matrix Spike				Run: MANTECH_090605A				06/05/09 16:10
Fluoride		1.17	mg/L	0.10	102	80	120			
Sample ID: C09060055-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090605A				06/05/09 16:13
Fluoride		1.17	mg/L	0.10	102	80	120	0	10	
Sample ID: C09060059-002AMS		Sample Matrix Spike				Run: MANTECH_090605A				06/05/09 16:54
Fluoride		1.26	mg/L	0.10	99	80	120			
Sample ID: C09060059-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090605A				06/05/09 16:57
Fluoride		1.26	mg/L	0.10	99	80	120	0	10	
Method: A4500-H B										Analytical Run: ORION555A_090602A
Sample ID: ICV1_090602_3		Initial Calibration Verification Standard								06/02/09 13:48
pH		6.93	s.u.	0.010	101	98	102			
Method: A4500-H B										Batch: 090602_3_PH-W_555A-2
Sample ID: C09060055-010ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 14:18
pH		7.90	s.u.	0.010				1	10	
Sample ID: C09060055-020ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 14:41
pH		9.04	s.u.	0.010				0	10	
Sample ID: C09060081-001ADUP		Sample Duplicate				Run: ORION555A_090602A				06/02/09 15:14
pH		8.06	s.u.	0.010				0.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: 22597
Sample ID: MB-22597	2	Method Blank				Run: ICP2-C_090618A				06/18/09 23:58
Iron		ND	mg/L	0.03						
Manganese		ND	mg/L	0.007						
Sample ID: LCS3-22597	2	Laboratory Control Sample				Run: ICP2-C_090618A				06/19/09 00:02
Iron		2.63	mg/L	0.033	**105**	85	115			
Manganese		2.57	mg/L	0.010	**103**	85	115			
Sample ID: C09060133-001AMS3	2	Sample Matrix Spike				Run: ICP2-C_090618A				06/19/09 00:14
Iron		6.80	mg/L	0.066	**122**	70	130			
Manganese		2.86	mg/L	0.013	**106**	70	130			
Sample ID: C09060133-001AMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090618A				06/19/09 00:18
Iron		6.78	mg/L	0.066	**121**	70	130	**0.3**	20	
Manganese		2.87	mg/L	0.013	**107**	70	130	**0.5**	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119437
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090611A				06/11/09 14:13
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090611A				06/11/09 14:18
Calcium		46.7	mg/L	0.50	93	85	115			
Magnesium		47.9	mg/L	0.50	96	85	115			
Potassium		47.6	mg/L	0.50	95	85	115			
Sodium		49.0	mg/L	0.50	98	85	115			
Sample ID: MB-22574	4	Method Blank				Run: ICP3-C_090611A				06/11/09 16:46
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		0.09	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: C09060055-007BMS	4	Sample Matrix Spike				Run: ICP3-C_090611A				06/11/09 17:53
Calcium		139	mg/L	1.0	85	70	130			
Magnesium		52.7	mg/L	1.0	97	70	130			
Potassium		60.9	mg/L	1.0	101	70	130			
Sodium		83.5	mg/L	1.0	96	70	130			
Sample ID: C09060055-007BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090611A				06/11/09 17:58
Calcium		140	mg/L	1.0	87	70	130	0.6	20	
Magnesium		58.8	mg/L	1.0	109	70	130	11	20	
Potassium		67.1	mg/L	1.0	113	70	130	9.7	20	
Sodium		88.5	mg/L	1.0	106	70	130	5.8	20	
Sample ID: C09060055-017BMS	4	Sample Matrix Spike				Run: ICP3-C_090611A				06/11/09 19:34
Calcium		100	mg/L	1.0	90	70	130			
Magnesium		53.4	mg/L	1.0	100	70	130			
Potassium		54.9	mg/L	1.0	102	70	130			
Sodium		83.8	mg/L	1.0	99	70	130			
Sample ID: C09060055-017BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090611A				06/11/09 19:39
Calcium		97.1	mg/L	1.0	85	70	130	2.9	20	
Magnesium		46.8	mg/L	1.0	87	70	130	13	20	
Potassium		49.0	mg/L	1.0	90	70	130	11	20	
Sodium		78.9	mg/L	1.0	89	70	130	6.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119716
Sample ID: MB-090616A	6	Method Blank				Run: ICP2-C_090616A				06/16/09 12:33
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Potassium		ND	mg/L	0.1						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090616A	6	Laboratory Fortified Blank				Run: ICP2-C_090616A				06/16/09 12:37
Calcium		50.8	mg/L	0.50	102	85	115			
Iron		1.01	mg/L	0.030	101	85	115			
Magnesium		49.9	mg/L	0.50	100	85	115			
Manganese		0.973	mg/L	0.010	97	85	115			
Potassium		45.1	mg/L	0.50	90	85	115			
Sodium		47.7	mg/L	0.50	95	85	115			
Sample ID: MB-22574	6	Method Blank				Run: ICP2-C_090616A				06/16/09 14:26
Calcium		ND	mg/L	0.5						
Iron		ND	mg/L	0.01						
Magnesium		ND	mg/L	0.2						
Manganese		ND	mg/L	0.003						
Potassium		ND	mg/L	0.2						
Sodium		ND	mg/L	0.5						
Sample ID: C09060055-002BMS2	6	Sample Matrix Spike				Run: ICP2-C_090616A				06/16/09 14:42
Calcium		222	mg/L	1.0	104	70	130			
Iron		2.04	mg/L	0.030	100	70	130			
Magnesium		104	mg/L	1.0	98	70	130			
Manganese		2.02	mg/L	0.010	98	70	130			
Potassium		94.1	mg/L	1.0	88	70	130			
Sodium		128	mg/L	1.0	97	70	130			
Sample ID: C09060055-002BMSD	6	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A				06/16/09 14:46
Calcium		223	mg/L	1.0	105	70	130	0.4	20	
Iron		2.02	mg/L	0.030	99	70	130	0.8	20	
Magnesium		105	mg/L	1.0	99	70	130	0.6	20	
Manganese		2.01	mg/L	0.010	98	70	130	0.5	20	
Potassium		94.8	mg/L	1.0	89	70	130	0.8	20	
Sodium		129	mg/L	1.0	98	70	130	0.2	20	
Sample ID: C09060055-012BMS2	6	Sample Matrix Spike				Run: ICP2-C_090616A				06/16/09 16:23
Calcium		175	mg/L	1.0	97	70	130			
Iron		2.00	mg/L	0.030	98	70	130			
Magnesium		103	mg/L	1.0	98	70	130			
Manganese		1.97	mg/L	0.010	96	70	130			
Potassium		94.9	mg/L	1.0	90	70	130			
Sodium		129	mg/L	1.0	99	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119716	
Sample ID: C09060055-012BMS2	6	Sample Matrix Spike				Run: ICP2-C_090616A			06/16/09 16:23	
Sample ID: C09060055-012BMSD	6	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A			06/16/09 16:27	
Calcium		176	mg/L	1.0	98	70	130	0.7	20	
Iron		2.04	mg/L	0.030	100	70	130	2	20	
Magnesium		103	mg/L	1.0	98	70	130	0.6	20	
Manganese		2.02	mg/L	0.010	99	70	130	2.6	20	
Potassium		93.7	mg/L	1.0	89	70	130	1.3	20	
Sodium		129	mg/L	1.0	99	70	130	0.2	20	
Sample ID: C09060055-022BMS2	6	Sample Matrix Spike				Run: ICP2-C_090616A			06/16/09 18:16	
Calcium		100	mg/L	1.0	98	70	130			
Iron		1.95	mg/L	0.030	96	70	130			
Magnesium		102	mg/L	1.0	100	70	130			
Manganese		1.99	mg/L	0.010	98	70	130			
Potassium		92.8	mg/L	1.0	91	70	130			
Sodium		99.9	mg/L	1.0	98	70	130			
Sample ID: C09060055-022BMSD	6	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A			06/16/09 18:20	
Calcium		99.1	mg/L	1.0	97	70	130	1.3	20	
Iron		1.97	mg/L	0.030	97	70	130	1.1	20	
Magnesium		99.5	mg/L	1.0	98	70	130	2.4	20	
Manganese		2.02	mg/L	0.010	99	70	130	1.5	20	
Potassium		91.9	mg/L	1.0	90	70	130	1	20	
Sodium		99.3	mg/L	1.0	97	70	130	0.6	20	
Sample ID: C09060055-010CMS2	6	Sample Matrix Spike				Run: ICP2-C_090616A			06/16/09 20:40	
Calcium		174	mg/L	1.0	98	70	130			
Iron		2.05	mg/L	0.067	101	70	130			
Magnesium		104	mg/L	1.0	98	70	130			
Manganese		2.05	mg/L	0.014	101	70	130			
Potassium		96.5	mg/L	1.0	93	70	130			
Sodium		134	mg/L	2.2	102	70	130			
Sample ID: C09060055-010CMSD	6	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A			06/16/09 20:44	
Calcium		174	mg/L	1.0	98	70	130	0.2	20	
Iron		2.03	mg/L	0.067	99	70	130	1.4	20	
Magnesium		103	mg/L	1.0	98	70	130	0.4	20	
Manganese		2.07	mg/L	0.014	101	70	130	0.7	20	
Potassium		97.4	mg/L	1.0	93	70	130	1	20	
Sodium		136	mg/L	2.2	104	70	130	1.5	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119189
Sample ID: LRB	18	Method Blank				Run: ICPMS4-C_090605A				06/05/09 13:26
Aluminum		ND	mg/L	0.0004						
Arsenic		ND	mg/L	5E-05						
Barium		ND	mg/L	4E-05						
Boron		ND	mg/L	0.0004						
Cadmium		ND	mg/L	4E-05						
Chromium		ND	mg/L	4E-05						
Copper		ND	mg/L	7E-05						
Iron		ND	mg/L	0.0006						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	3E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	0.0001						
Nickel		ND	mg/L	6E-05						
Selenium		ND	mg/L	3E-05						
Silicon		0.0005	mg/L	0.0003						
Uranium		ND	mg/L	3E-05						
Vanadium		ND	mg/L	4E-05						
Zinc		ND	mg/L	0.0002						
Sample ID: LFB	18	Laboratory Fortified Blank				Run: ICPMS4-C_090605A				06/05/09 14:10
Aluminum		0.0553	mg/L	0.0010	110	85	115			
Arsenic		0.0527	mg/L	0.0010	105	85	115			
Barium		0.0523	mg/L	0.0010	105	85	115			
Boron		0.0515	mg/L	0.0010	103	85	115			
Cadmium		0.0530	mg/L	0.0010	106	85	115			
Chromium		0.0531	mg/L	0.0010	106	85	115			
Copper		0.0534	mg/L	0.0010	107	85	115			
Iron		1.31	mg/L	0.0010	105	85	115			
Lead		0.0521	mg/L	0.0010	104	85	115			
Manganese		0.0525	mg/L	0.0010	105	85	115			
Mercury		0.00525	mg/L	0.0010	105	85	115			
Molybdenum		0.0515	mg/L	0.0010	103	85	115			
Nickel		0.0532	mg/L	0.0010	106	85	115			
Selenium		0.0532	mg/L	0.0010	106	85	115			
Silicon		0.283	mg/L	0.0010	113	85	115			
Uranium		0.0510	mg/L	0.00030	102	85	115			
Vanadium		0.0530	mg/L	0.0010	106	85	115			
Zinc		0.0565	mg/L	0.0010	113	85	115			
Sample ID: C09060055-010BMS4	18	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/06/09 07:22
Aluminum		0.0496	mg/L	0.0010	95	70	130			
Arsenic		0.0547	mg/L	0.0010	108	70	130			
Barium		0.0740	mg/L	0.0010	104	70	130			
Boron		0.0680	mg/L	0.0010	101	70	130			
Cadmium		0.0516	mg/L	0.010	103	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119189
Sample ID: C09060055-010BMS4	18	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/06/09 07:22
Chromium		0.0511	mg/L	0.050	102	70	130			
Copper		0.0518	mg/L	0.010	103	70	130			
Iron		1.28	mg/L	0.030	102	70	130			
Lead		0.0522	mg/L	0.050	104	70	130			
Manganese		0.0626	mg/L	0.010	107	70	130			
Mercury		0.00510	mg/L	0.0010	102	70	130			
Molybdenum		0.0523	mg/L	0.0010	103	70	130			
Nickel		0.0513	mg/L	0.050	102	70	130			
Selenium		0.0542	mg/L	0.0010	108	70	130			
Silicon		6.34	mg/L	0.10		70	130			A
Uranium		0.189	mg/L	0.00030	106	70	130			
Vanadium		0.0517	mg/L	0.0010	103	70	130			
Zinc		0.0616	mg/L	0.010	106	70	130			
Sample ID: C09060055-010BMSD	18	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090605A				06/06/09 07:29
Aluminum		0.0498	mg/L	0.0010	95	70	130	0.3	20	
Arsenic		0.0544	mg/L	0.0010	107	70	130	0.6	20	
Barium		0.0740	mg/L	0.0010	104	70	130	0	20	
Boron		0.0681	mg/L	0.0010	101	70	130	0.2	20	
Cadmium		0.0517	mg/L	0.010	103	70	130	0.1	20	
Chromium		0.0516	mg/L	0.050	103	70	130	1	20	
Copper		0.0516	mg/L	0.010	103	70	130	0.3	20	
Iron		1.27	mg/L	0.030	102	70	130	0.7	20	
Lead		0.0523	mg/L	0.050	104	70	130	0.2	20	
Manganese		0.0616	mg/L	0.010	105	70	130	1.5	20	
Mercury		0.00511	mg/L	0.0010	102	70	130	0.1	20	
Molybdenum		0.0516	mg/L	0.0010	102	70	130	1.3	20	
Nickel		0.0512	mg/L	0.050	102	70	130	0.3	20	
Selenium		0.0539	mg/L	0.0010	108	70	130	0.5	20	
Silicon		6.34	mg/L	0.10		70	130	0.1	20	A
Uranium		0.187	mg/L	0.00030	103	70	130	0.7	20	
Vanadium		0.0517	mg/L	0.0010	103	70	130	0.1	20	
Zinc		0.0607	mg/L	0.010	104	70	130	1.5	20	
Sample ID: C09060055-020BMS4	18	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/06/09 09:19
Aluminum		0.106	mg/L	0.0010	110	70	130			
Arsenic		0.0590	mg/L	0.0010	104	70	130			
Barium		0.0628	mg/L	0.0010	100	70	130			
Boron		0.0663	mg/L	0.0010	102	70	130			
Cadmium		0.0502	mg/L	0.010	100	70	130			
Chromium		0.0526	mg/L	0.050	101	70	130			
Copper		0.0509	mg/L	0.010	102	70	130			
Iron		1.29	mg/L	0.030	103	70	130			
Lead		0.0510	mg/L	0.050	102	70	130			
Manganese		0.0491	mg/L	0.010	97	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119189
Sample ID: C09060055-020BMS4	18	Sample Matrix Spike				Run: ICPMS4-C_090605A				06/06/09 09:19
Mercury		0.00497	mg/L	0.0010	99	70	130			
Molybdenum		0.0552	mg/L	0.0010	101	70	130			
Nickel		0.0504	mg/L	0.050	101	70	130			
Selenium		0.0543	mg/L	0.0010	107	70	130			
Silicon		6.69	mg/L	0.10		70	130			A
Uranium		0.104	mg/L	0.00030	113	70	130			
Vanadium		0.0572	mg/L	0.0010	102	70	130			
Zinc		0.0522	mg/L	0.010	103	70	130			
Sample ID: C09060055-020BMSD	18	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090605A				06/06/09 09:26
Aluminum		0.105	mg/L	0.0010	108	70	130	0.9	20	
Arsenic		0.0597	mg/L	0.0010	106	70	130	1.2	20	
Barium		0.0645	mg/L	0.0010	104	70	130	2.7	20	
Boron		0.0657	mg/L	0.0010	101	70	130	1	20	
Cadmium		0.0516	mg/L	0.010	103	70	130	2.7	20	
Chromium		0.0531	mg/L	0.050	102	70	130	0.9	20	
Copper		0.0512	mg/L	0.010	102	70	130	0.6	20	
Iron		1.29	mg/L	0.030	103	70	130	0.2	20	
Lead		0.0513	mg/L	0.050	103	70	130	0.6	20	
Manganese		0.0485	mg/L	0.010	96	70	130	1	20	
Mercury		0.00498	mg/L	0.0010	100	70	130	0.1	20	
Molybdenum		0.0564	mg/L	0.0010	103	70	130	2.3	20	
Nickel		0.0506	mg/L	0.050	101	70	130	0.3	20	
Selenium		0.0544	mg/L	0.0010	107	70	130	0.3	20	
Silicon		6.68	mg/L	0.10		70	130	0	20	A
Uranium		0.105	mg/L	0.00030	114	70	130	0.4	20	
Vanadium		0.0573	mg/L	0.0010	102	70	130	0.1	20	
Zinc		0.0527	mg/L	0.010	104	70	130	0.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R119417
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090608A				06/08/09 19:23
Chloride		9.51	mg/L	1.0	95	90	110			
Sulfate		38.6	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090608A				06/08/09 19:39
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09050680-011AMS	2	Sample Matrix Spike				Run: IC1-C_090608A				06/09/09 00:32
Chloride		332	mg/L	1.0		90	110			A
Sulfate		822	mg/L	1.0	83	90	110			S
Sample ID: C09050680-011AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090608A				06/09/09 00:47
Chloride		332	mg/L	1.0		90	110	0	20	A
Sulfate		821	mg/L	1.0	82	90	110	0.1	20	S
Sample ID: C09060055-003AMS	2	Sample Matrix Spike				Run: IC1-C_090608A				06/09/09 08:29
Chloride		53.8	mg/L	1.0	97	90	110			
Sulfate		487	mg/L	1.0	100	90	110			
Sample ID: C09060055-003AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090608A				06/09/09 08:45
Chloride		53.9	mg/L	1.0	97	90	110	0.3	20	
Sulfate		483	mg/L	1.0	98	90	110	0.8	20	
Sample ID: C09060055-009AMS	2	Sample Matrix Spike				Run: IC1-C_090608A				06/09/09 11:19
Chloride		24.2	mg/L	1.0	99	90	110			
Sulfate		224	mg/L	1.0	98	90	110			
Sample ID: C09060055-009AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090608A				06/09/09 11:34
Chloride		24.5	mg/L	1.0	100	90	110	1.1	20	
Sulfate		225	mg/L	1.0	99	90	110	0.4	20	
Method: E300.0										Batch: R119443
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090610A				06/10/09 22:35
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		38.6	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090610A				06/10/09 22:51
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09060058-001AMS	2	Sample Matrix Spike				Run: IC1-C_090610A				06/11/09 00:39
Chloride		90.5	mg/L	1.0	101	90	110			
Sulfate		468	mg/L	1.0	98	90	110			
Sample ID: C09060058-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090610A				06/11/09 00:54
Chloride		90.3	mg/L	1.0	101	90	110	0.3	20	
Sulfate		466	mg/L	1.0	97	90	110	0.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1										Batch: B_R130610
Sample ID: MBLK		Method Blank				Run: SUB-B130610			06/04/09 14:32	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130610			06/04/09 14:34	
Nitrogen, Ammonia as N		1.01	mg/L	0.10	103	90	110			
Sample ID: B09060406-001EMS		Sample Matrix Spike				Run: SUB-B130610			06/04/09 14:40	
Nitrogen, Ammonia as N		0.936	mg/L	0.050	87	90	110			S
Sample ID: B09060406-001EMSD		Sample Matrix Spike Duplicate				Run: SUB-B130610			06/04/09 14:41	
Nitrogen, Ammonia as N		0.925	mg/L	0.050	86	90	110	1.2	10	S
Sample ID: C09060055-006E		Sample Matrix Spike				Run: SUB-B130610			06/04/09 14:54	
Nitrogen, Ammonia as N		0.691	mg/L	0.050	69	90	110			S
Sample ID: C09060055-006E		Sample Matrix Spike Duplicate				Run: SUB-B130610			06/04/09 14:55	
Nitrogen, Ammonia as N		0.687	mg/L	0.050	69	90	110	0.6	10	S
Method: E353.2										Batch: B_R130560
Sample ID: MBLK		Method Blank				Run: SUB-B130560			06/04/09 10:13	
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130560			06/04/09 10:14	
Nitrogen, Nitrate+Nitrite as N		0.990	mg/L	0.050	101	90	110			
Sample ID: B09060406-003EMS		Sample Matrix Spike				Run: SUB-B130560			06/04/09 12:57	
Nitrogen, Nitrate+Nitrite as N		0.966	mg/L	0.050	98	90	110			
Sample ID: B09060406-003EMSD		Sample Matrix Spike Duplicate				Run: SUB-B130560			06/04/09 12:58	
Nitrogen, Nitrate+Nitrite as N		0.959	mg/L	0.050	97	90	110	0.7	10	
Sample ID: B09060385-006CMS		Sample Matrix Spike				Run: SUB-B130560			06/04/09 13:14	
Nitrogen, Nitrate+Nitrite as N		0.996	mg/L	0.050	99	90	110			
Sample ID: B09060385-006CMSD		Sample Matrix Spike Duplicate				Run: SUB-B130560			06/04/09 13:15	
Nitrogen, Nitrate+Nitrite as N		0.979	mg/L	0.050	97	90	110	1.7	10	
Sample ID: C09060055-014E		Sample Matrix Spike				Run: SUB-B130560			06/04/09 14:05	
Nitrogen, Nitrate+Nitrite as N		0.974	mg/L	0.050	99	90	110			
Sample ID: C09060055-014E		Sample Matrix Spike Duplicate				Run: SUB-B130560			06/04/09 14:06	
Nitrogen, Nitrate+Nitrite as N		0.983	mg/L	0.050	100	90	110	0.9	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0677
Sample ID: C09050376-001EMS		Sample Matrix Spike				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		132	pCi/L		96	70	130			
Sample ID: C09050376-001EMSD		Sample Matrix Spike Duplicate				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		133	pCi/L		97	70	130	0.6	16.3	
Sample ID: C09050376-001EMS		Sample Matrix Spike				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		89.1	pCi/L		98	70	130			
Sample ID: C09050376-001EMSD		Sample Matrix Spike Duplicate				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		88.1	pCi/L		97	70	130	1	16.3	
Sample ID: MB-GrAB-0677	6	Method Blank				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		-0.5	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0677		Laboratory Control Sample				Run: G5000W_090618A				06/21/09 20:26
Gross Alpha		140	pCi/L		105	70	130			
Sample ID: Cs137-GrAB-0677		Laboratory Control Sample				Run: G5000W_090618A				06/21/09 20:26
Gross Beta		88	pCi/L		98	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0679
Sample ID: MB-GrAB-0679	6	Method Blank				Run: G5000W_090619B				06/23/09 21:07
Gross Alpha		-0.6	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-1.0	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0679		Laboratory Control Sample				Run: G5000W_090619B				06/23/09 21:07
Gross Alpha		150	pCi/L		108	70	130			
Sample ID: Cs137-GrAB-0679		Laboratory Control Sample				Run: G5000W_090619B				06/23/09 21:07
Gross Beta		86	pCi/L		94	70	130			
Sample ID: C09060055-022DMS		Sample Matrix Spike				Run: G5000W_090619B				06/24/09 09:16
Gross Alpha		147	pCi/L		107	70	130			
Sample ID: C09060055-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090619B				06/24/09 09:16
Gross Alpha		140	pCi/L		102	70	130	4.9	15.8	
Sample ID: C09060055-022DMS		Sample Matrix Spike				Run: G5000W_090619B				06/24/09 09:16
Gross Beta		88.1	pCi/L		96	70	130			
Sample ID: C09060055-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090619B				06/24/09 09:16
Gross Beta		87.3	pCi/L		95	70	130	0.8	16.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0687
Sample ID: MB-GrAB-0687	6	Method Blank				Run: G5000W_090626A				07/08/09 01:45
Gross Alpha		-0.01	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0687		Laboratory Control Sample				Run: G5000W_090626A				07/08/09 01:45
Gross Alpha		130	pCi/L		94	70	130			
Sample ID: Cs137-GrAB-0687		Laboratory Control Sample				Run: G5000W_090626A				07/08/09 01:45
Gross Beta		80	pCi/L		89	70	130			
Sample ID: C09060673-003AMS		Sample Matrix Spike				Run: G5000W_090626A				07/08/09 01:45
Gross Alpha		150	pCi/L		107	70	130			
Sample ID: C09060673-003AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090626A				07/08/09 01:45
Gross Alpha		120	pCi/L		89	70	130	18	20	
Sample ID: C09060673-003AMS		Sample Matrix Spike				Run: G5000W_090626A				07/08/09 18:57
Gross Beta		77	pCi/L		84	70	130			
Sample ID: C09060673-003AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090626A				07/08/09 18:57
Gross Beta		91	pCi/L		100	70	130	17	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0701	
Sample ID: MB-GrAB-0701	6	Method Blank				Run: G5000W_090720B			07/23/09 10:32	
Gross Alpha		-1	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.8	pCi/L							
Gross Beta		0.1	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0701		Laboratory Control Sample				Run: G5000W_090720B			07/23/09 10:32	
Gross Alpha		150	pCi/L		113	70	130			
Sample ID: Cs137-GrAB-0701		Laboratory Control Sample				Run: G5000W_090720B			07/23/09 10:32	
Gross Beta		79	pCi/L		86	70	130			
Sample ID: C09070165-001AMS		Sample Matrix Spike				Run: G5000W_090720B			07/23/09 10:32	
Gross Alpha		150	pCi/L		113	70	130			
Sample ID: C09070165-001AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090720B			07/23/09 10:32	
Gross Alpha		180	pCi/L		130	70	130	15	15.9	
Sample ID: C09070165-001AMS		Sample Matrix Spike				Run: G5000W_090720B			07/23/09 10:32	
Gross Beta		86	pCi/L		93	70	130			
Sample ID: C09070165-001AMSD		Sample Matrix Spike Duplicate				Run: G5000W_090720B			07/23/09 10:32	
Gross Beta		90	pCi/L		98	70	130	4.8	16	
Method: E903.0									Batch: RA226-3717	
Sample ID: C09060055-004DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090604B			06/15/09 16:19	
Radium 226		18	pCi/L		95	70	130			
Sample ID: C09060055-004DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090604B			06/15/09 18:48	
Radium 226		18	pCi/L		98	70	130	3.7	24.6	
Sample ID: MB-RA226-3717	3	Method Blank				Run: BERTHOLD 770-2_090604B			06/15/09 18:48	
Radium 226		-0.06	pCi/L							U
Radium 226 precision (±)		0.10	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3717		Laboratory Control Sample				Run: BERTHOLD 770-2_090604B			06/15/09 18:48	
Radium 226		8.7	pCi/L		111	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3718
Sample ID: C09060055-011DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090604C				06/16/09 10:20
Radium 226		59	pCi/L		104	70	130			
Sample ID: C09060055-011DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090604C				06/16/09 10:20
Radium 226		60	pCi/L		110	70	130	1.5	18.8	
Sample ID: MB-RA226-3718	3	Method Blank				Run: BERTHOLD 770-2_090604C				06/16/09 12:09
Radium 226		-0.10	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3718		Laboratory Control Sample				Run: BERTHOLD 770-2_090604C				06/16/09 12:09
Radium 226		7.8	pCi/L		101	70	130			
Method: E903.0										Batch: RA226-3719
Sample ID: C09060055-014DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090604A				06/15/09 18:45
Radium 226		28	pCi/L		117	70	130			
Sample ID: C09060055-014DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090604A				06/15/09 18:45
Radium 226		26	pCi/L		106	70	130	6.1	21.5	
Sample ID: MB-RA226-3719	3	Method Blank				Run: BERTHOLD 770-1_090604A				06/15/09 22:39
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.09pCi/L								
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3719		Laboratory Control Sample				Run: BERTHOLD 770-1_090604A				06/15/09 22:39
Radium 226		8.7	pCi/L		112	70	130			
Method: RA-05										Batch: RA228-2695
Sample ID: LCS-228-RA226-3717		Laboratory Control Sample				Run: TENNELEC-3_090604A				06/10/09 13:05
Radium 228		7.7	pCi/L		89	70	130			
Sample ID: MB-RA226-3717	3	Method Blank				Run: TENNELEC-3_090604A				06/10/09 13:05
Radium 228		0.04pCi/L								U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060055-005DMS		Sample Matrix Spike				Run: TENNELEC-3_090604A				06/10/09 13:05
Radium 228		23	pCi/L		89	70	130			
Sample ID: C09060055-005DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090604A				06/10/09 13:05
Radium 228		23	pCi/L		92	70	130	2.2	30.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 08/04/09
Work Order: C09060055

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2696
Sample ID: LCS-228-RA226-3718		Laboratory Control Sample				Run: TENNELEC-3_090604C				06/11/09 10:06
Radium 228		9.3	pCi/L		115	70	130			
Sample ID: MB-RA226-3718	3	Method Blank				Run: TENNELEC-3_090604C				06/11/09 10:06
Radium 228		-0.6	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060055-012DMS		Sample Matrix Spike				Run: TENNELEC-3_090604C				06/11/09 12:14
Radium 228		18	pCi/L		74	70	130			
Sample ID: C09060055-012DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090604C				06/11/09 10:06
Radium 228		22	pCi/L		98	70	130	20	35.1	
Method: RA-05										Batch: RA228-2697
Sample ID: LCS-228-RA226-3719		Laboratory Control Sample				Run: TENNELEC-3_090604B				06/10/09 15:11
Radium 228		7.00pCi/L			81	70	130			
Sample ID: MB-RA226-3719	3	Method Blank				Run: TENNELEC-3_090604B				06/10/09 15:11
Radium 228		0.02pCi/L								U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060055-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090604B				06/10/09 15:11
Radium 228		18.7pCi/L			79	70	130			
Sample ID: C09060055-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090604B				06/10/09 15:11
Radium 228		22.2pCi/L			98	70	130	17	34.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State: WY	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments: C090600055

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp: 6 °C
On Ice: Yes (No)
Custody Seal Y (N)
Bottles/Coolers B C
Intact Y N
Signature Match Y N

#	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Number of Containers / Sample Type: A W S V B O / Air Water Soils/Solids Vegetation Bioassay Other	ANALYSIS REQUESTED: Guideline 8	SEE ATTACHED	Normal Turnaround (TAT)	RUSH
1	M-101 #1	6-1-09		W 2gal					
2	M-102 #2								
3	M-103 #3								
4	M-104 #4								
5	M-105 #5								
6	M-106 #6								
7	M-107 #7								
8	M-108 #8								
9	M-109 #9								
10	M-110 #10								

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hourt	6-1-09 17:00		[illegible]	6-1-09 5:00	
[illegible]	6-2-09 8:35				

Received by Laboratory: Andrew Larsen Date/Time: 6-2-09 838 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy

Project Name, PWS, Permit, Etc.: Lost Creek

Sample Origin State: WY

EPA/State Compliance: Yes ☐ No ☒

Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609

Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com

Sampler: (Please Print)

Invoice Address:

Invoice Contact & Phone:

Purchase Order:

Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following: UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: ____ ☐ Other: ____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: ____ ☐ LEVEL IV ☐ NELAC

Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED: Guideline 8; SEE ATTACHED; Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): N/A

Receipt Temp: 6 °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8												
1	M-129 #11	6-1-09		W 2gal												0906060055	
2	M-111 #12																
3	M-112 #13																
4	M-113 #14																
5	M-114 #15																
6	M-115 #16																
7	M-116 #17																
8	M-117 #18																
9	M-118 #19																
10	M-120A #20																

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Craig Hart Date/Time: 6-1-09 17:00 Signature:

Relinquished by (print): [illegible] Date/Time: 6-2-09 - 8:35 Signature:

Received by (print): [illegible] Date/Time: 6-1-09 - 5:00 Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: Andrew Larsen Date/Time: 6/2/09 858 Signature:

Sample Disposal: Return to Client: ____ Lab Disposal: ____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy	Project Name, PWS, Permit, Etc.: Lost Creek	Sample Origin State: WY	EPA/State Compliance: Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____
☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

RUSH — Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp: 6 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Gross Alpha	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M-121 #21	6-1-09		W 2pl	✓				C090600055
2	M-130 #22								
3									
4									
5									
6									
7									
8									
9									
10									

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	6-1-09 7:00		[illegible]	6-1-09 500	
[illegible]	6-2-09 8:35				

Received by Laboratory: Andrew Larson Date/Time: 6/2/09 838 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09060055

UR Energy USA Inc

Login completed by: Kimberly Humiston

Date and Time Received: 6/2/2009 8:38 AM

Reviewed by:

Received by: al

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	6°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Sample was subsampled and preserved in lab upon receipt for metals with 1/2 mL HNO3 and for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09060055

Date: *04-Aug-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 07, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09060141 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 20 samples for UR Energy USA Inc on 6/3/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09060141-001	M-119	06/02/09 00:00	06/03/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09060141-002	M-122	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-003	M-123	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-004	M-124	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-005	M-125	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-006	M-126	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-007	M-127	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-008	M-128	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-009	MO-110	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-010	MP-110	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-011	M-131	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-012	MU-110	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-013	MO-111	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-014	MU-111	06/02/09 00:00	06/03/09	Aqueous	Same As Above
C09060141-015	MO-112	06/02/09 00:00	06/03/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09060141-016	MP-112	06/02/09 00:00 06/03/09	Aqueous	Same As Above
C09060141-017	MU-112	06/02/09 00:00 06/03/09	Aqueous	Same As Above
C09060141-018	MO-113	06/02/09 00:00 06/03/09	Aqueous	Same As Above
C09060141-019	MU-113	06/02/09 00:00 06/03/09	Aqueous	Same As Above
C09060141-020	M-132	06/02/09 00:00 06/03/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-001
Client Sample ID M-119

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	06/09/09 14:45 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 14:45 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	06/09/09 14:45 / ljl
Calcium	59	mg/L		1		E200.7	06/12/09 14:34 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 05:32 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 15:37 / ljl
Magnesium	3	mg/L		1		E200.7	06/12/09 14:34 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:13 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 11:39 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 14:34 / aae
Silica	17.1	mg/L		0.2		E200.7	06/18/09 17:01 / cp
Sodium	35	mg/L		1		E200.7	06/12/09 14:34 / aae
Sulfate	128	mg/L		1		E300.0	06/11/09 05:32 / ljl
PHYSICAL PROPERTIES							
Conductivity	490	umhos/cm		1		A2510 B	06/03/09 14:22 / dd
pH	7.89	s.u.		0.01		A4500-H B	06/03/09 14:22 / dd
Solids, Total Dissolved TDS @ 180 C	338	mg/L		10		A2540 C	06/03/09 11:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:01 / cp
Arsenic	0.004	mg/L		0.001		E200.8	06/05/09 14:40 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 14:40 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:01 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 14:40 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 14:40 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 14:40 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:01 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 14:40 / ts
Manganese	0.05	mg/L		0.01		E200.8	06/05/09 14:40 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 14:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 14:40 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 14:40 / ts
Selenium	0.001	mg/L		0.001		E200.8	06/05/09 14:40 / ts
Uranium	0.0835	mg/L		0.0003		E200.8	06/05/09 14:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 14:40 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 14:40 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:02 / cp
Manganese	0.05	mg/L		0.01		E200.7	06/16/09 23:02 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-001
Client Sample ID M-119

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	84.3	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	4.4	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	25.3	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	1.4	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 226 precision (±)	0.27	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 228	1.2	pCi/L	U			RA-05	06/11/09 12:14 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 12:14 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 12:14 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.95	%				Calculation	06/18/09 14:09 / kbh
Anions	5.08	meq/L				Calculation	06/18/09 14:09 / kbh
Cations	4.79	meq/L				Calculation	06/18/09 14:09 / kbh
Solids, Total Dissolved Calculated	301	mg/L				Calculation	06/18/09 14:09 / kbh
TDS Balance (0.80 - 1.20)	1.12					Calculation	06/18/09 14:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-002
Client Sample ID M-122

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	06/09/09 14:52 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 14:52 / ljl
Bicarbonate as HCO3	140	mg/L		1		A2320 B	06/09/09 14:52 / ljl
Calcium	59	mg/L		1		E200.7	06/12/09 14:39 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 05:47 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 15:39 / ljl
Magnesium	3	mg/L		1		E200.7	06/12/09 14:39 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:14 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:21 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 14:39 / aae
Silica	17.7	mg/L		0.2		E200.7	06/18/09 17:13 / cp
Sodium	35	mg/L		1		E200.7	06/12/09 14:39 / aae
Sulfate	127	mg/L		1		E300.0	06/11/09 05:47 / ljl
PHYSICAL PROPERTIES							
Conductivity	487	umhos/cm		1		A2510 B	06/03/09 14:24 / dd
pH	7.95	s.u.		0.01		A4500-H B	06/03/09 14:24 / dd
Solids, Total Dissolved TDS @ 180 C	345	mg/L		10		A2540 C	06/03/09 11:59 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:13 / cp
Arsenic	0.002	mg/L		0.001		E200.8	06/05/09 14:47 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 14:47 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:13 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 14:47 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 14:47 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 14:47 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:13 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 14:47 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/05/09 14:47 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 14:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 14:47 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 14:47 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 14:47 / ts
Uranium	0.0501	mg/L		0.0003		E200.8	06/05/09 14:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 14:47 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/05/09 14:47 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:06 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/16/09 23:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-002
Client Sample ID M-122

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	69.8	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	4.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	25.7	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	9.7	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 226 precision (±)	0.64	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 16:27 / jah
Radium 228	1.1	pCi/L	U			RA-05	06/11/09 12:14 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 12:14 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 12:14 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.91	%				Calculation	06/18/09 14:09 / kbh
Anions	5.08	meq/L				Calculation	06/18/09 14:09 / kbh
Cations	4.80	meq/L				Calculation	06/18/09 14:09 / kbh
Solids, Total Dissolved Calculated	301	mg/L				Calculation	06/18/09 14:09 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	06/18/09 14:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-003
Client Sample ID M-123

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	116	mg/L		1		A2320 B	06/09/09 14:59 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 14:59 / ljl
Bicarbonate as HCO3	142	mg/L		1		A2320 B	06/09/09 14:59 / ljl
Calcium	61	mg/L		1		E200.7	06/12/09 14:45 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 06:49 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 15:52 / ljl
Magnesium	2	mg/L		1		E200.7	06/12/09 14:45 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:15 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:22 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 14:45 / aae
Silica	18.3	mg/L		0.2		E200.7	06/18/09 17:21 / cp
Sodium	32	mg/L		1		E200.7	06/12/09 14:45 / aae
Sulfate	119	mg/L		1		E300.0	06/11/09 06:49 / ljl
PHYSICAL PROPERTIES							
Conductivity	477	umhos/cm		1		A2510 B	06/03/09 14:26 / dd
pH	8.02	s.u.		0.01		A4500-H B	06/03/09 14:26 / dd
Solids, Total Dissolved TDS @ 180 C	330	mg/L		10		A2540 C	06/03/09 12:00 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:21 / cp
Arsenic	0.003	mg/L		0.001		E200.8	06/05/09 14:53 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 14:53 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:21 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 14:53 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 14:53 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 14:53 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:21 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 14:53 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/05/09 14:53 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 14:53 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 14:53 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 14:53 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 14:53 / ts
Uranium	0.0148	mg/L		0.0003		E200.8	06/05/09 14:53 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 14:53 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/05/09 14:53 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:22 / cp
Manganese	0.05	mg/L		0.01		E200.7	06/16/09 23:22 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-003
Client Sample ID M-123

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	33.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta	10.4	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/24/09 09:16 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/24/09 09:16 / cgr
Radium 226	3.1	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 226 precision (±)	0.39	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 228	1.0	pCi/L	U			RA-05	06/11/09 12:14 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 12:14 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/11/09 12:14 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.73	%				Calculation	06/18/09 14:11 / kbh
Anions	4.95	meq/L				Calculation	06/18/09 14:11 / kbh
Cations	4.69	meq/L				Calculation	06/18/09 14:11 / kbh
Solids, Total Dissolved Calculated	292	mg/L				Calculation	06/18/09 14:11 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/18/09 14:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-004
Client Sample ID M-124

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	06/09/09 15:06 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:06 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	06/09/09 15:06 / ljl
Calcium	57	mg/L		1		E200.7	06/12/09 14:50 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 07:04 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 15:59 / ljl
Magnesium	2	mg/L		1		E200.7	06/12/09 14:50 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:16 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:24 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 14:50 / aae
Silica	17.4	mg/L		0.2		E200.7	06/18/09 17:25 / cp
Sodium	30	mg/L		1		E200.7	06/12/09 14:50 / aae
Sulfate	110	mg/L		1		E300.0	06/11/09 07:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	454	umhos/cm		1		A2510 B	06/03/09 14:28 / dd
pH	8.23	s.u.		0.01		A4500-H B	06/03/09 14:28 / dd
Solids, Total Dissolved TDS @ 180 C	312	mg/L		10		A2540 C	06/03/09 12:00 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:25 / cp
Arsenic	0.002	mg/L		0.001		E200.8	06/05/09 15:11 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:11 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:25 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:11 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:11 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:11 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:25 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 15:11 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 15:11 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:11 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:11 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 15:11 / ts
Uranium	0.0538	mg/L		0.0003		E200.8	06/05/09 15:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:11 / ts
Zinc	0.03	mg/L		0.01		E200.8	06/05/09 15:11 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:26 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 23:26 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-004
Client Sample ID M-124

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	71.0	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	3.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	23.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	1.4	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 226 precision (±)	0.27	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 22:40 / jah
Radium 228	1.8	pCi/L				RA-05	06/11/09 12:14 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 12:14 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 12:14 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.92	%				Calculation	06/18/09 14:11 / kbh
Anions	4.71	meq/L				Calculation	06/18/09 14:11 / kbh
Cations	4.36	meq/L				Calculation	06/18/09 14:11 / kbh
Solids, Total Dissolved Calculated	275	mg/L				Calculation	06/18/09 14:11 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/18/09 14:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-005
Client Sample ID M-125

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	111	mg/L		1		A2320 B	06/09/09 15:13 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:13 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	06/09/09 15:13 / ljl
Calcium	70	mg/L		1		E200.7	06/12/09 15:07 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 07:19 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:02 / ljl
Magnesium	4	mg/L		1		E200.7	06/12/09 15:07 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:20 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.06	mg/L		0.05		E353.2	06/05/09 12:25 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 15:07 / aae
Silica	16.7	mg/L		0.2		E200.7	06/18/09 17:29 / cp
Sodium	30	mg/L		1		E200.7	06/12/09 15:07 / aae
Sulfate	153	mg/L		1		E300.0	06/11/09 07:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	528	umhos/cm		1		A2510 B	06/03/09 14:31 / dd
pH	7.91	s.u.		0.01		A4500-H B	06/03/09 14:31 / dd
Solids, Total Dissolved TDS @ 180 C	360	mg/L		10		A2540 C	06/03/09 12:00 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:29 / cp
Arsenic	ND	mg/L		0.001		E200.8	06/05/09 15:18 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:18 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:29 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:18 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:18 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:18 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:29 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 15:18 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 15:18 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:18 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:18 / ts
Selenium	0.013	mg/L		0.001		E200.8	06/05/09 15:18 / ts
Uranium	0.297	mg/L		0.0003		E200.8	06/05/09 15:18 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:18 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 15:18 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:30 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 23:30 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-005
Client Sample ID M-125

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	308	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	8.2	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	83.0	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	2.0	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.35	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.25	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	2.1	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.36	%				Calculation	06/18/09 14:12 / kbh
Anions	5.58	meq/L				Calculation	06/18/09 14:12 / kbh
Cations	5.22	meq/L				Calculation	06/18/09 14:12 / kbh
Solids, Total Dissolved Calculated	334	mg/L				Calculation	06/18/09 14:12 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/18/09 14:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-006
Client Sample ID M-126

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	90	mg/L		1		A2320 B	06/09/09 15:21 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:21 / ljl
Bicarbonate as HCO3	109	mg/L		1		A2320 B	06/09/09 15:21 / ljl
Calcium	63	mg/L		1		E200.7	06/12/09 15:12 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 07:35 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:05 / ljl
Magnesium	3	mg/L		1		E200.7	06/12/09 15:12 / aae
Nitrogen, Ammonia as N	0.25	mg/L		0.05		E350.1	06/05/09 12:23 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:26 / eli-b
Potassium	4	mg/L		1		E200.7	06/12/09 15:12 / aae
Silica	15.6	mg/L		0.2		E200.7	06/18/09 17:33 / cp
Sodium	34	mg/L		1		E200.7	06/12/09 15:12 / aae
Sulfate	149	mg/L		1		E300.0	06/11/09 07:35 / ljl
PHYSICAL PROPERTIES							
Conductivity	491	umhos/cm		1		A2510 B	06/03/09 14:33 / dd
pH	8.30	s.u.		0.01		A4500-H B	06/03/09 14:33 / dd
Solids, Total Dissolved TDS @ 180 C	328	mg/L		10		A2540 C	06/04/09 12:49 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 17:33 / cp
Arsenic	0.007	mg/L		0.001		E200.8	06/05/09 15:25 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:25 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 17:33 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:25 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:25 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:25 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 17:33 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 15:25 / ts
Manganese	0.12	mg/L		0.01		E200.8	06/05/09 15:25 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:25 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:25 / ts
Selenium	0.006	mg/L		0.001		E200.8	06/05/09 15:25 / ts
Uranium	0.354	mg/L		0.0003		E200.8	06/05/09 15:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:25 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 15:25 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:34 / cp
Manganese	0.12	mg/L		0.01		E200.7	06/16/09 23:34 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-006
Client Sample ID M-126

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	426	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	9.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	99.5	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	2.0	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.31	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	1.3	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.758	%				Calculation	06/18/09 14:13 / kbh
Anions	5.08	meq/L				Calculation	06/18/09 14:13 / kbh
Cations	5.00	meq/L				Calculation	06/18/09 14:13 / kbh
Solids, Total Dissolved Calculated	313	mg/L				Calculation	06/18/09 14:13 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/18/09 14:13 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-007
Client Sample ID M-127

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	06/09/09 15:28 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:28 / ljl
Bicarbonate as HCO3	135	mg/L		1		A2320 B	06/09/09 15:28 / ljl
Calcium	64	mg/L		1		E200.7	06/12/09 15:17 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 07:50 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 16:07 / ljl
Magnesium	4	mg/L		1		E200.7	06/12/09 15:17 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:24 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:27 / eli-b
Potassium	8	mg/L		1		E200.7	06/12/09 15:17 / aae
Silica	17.0	mg/L		0.2		E200.7	06/18/09 18:26 / cp
Sodium	30	mg/L		1		E200.7	06/12/09 15:17 / aae
Sulfate	140	mg/L		1		E300.0	06/11/09 07:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	510	umhos/cm		1		A2510 B	06/03/09 14:35 / dd
pH	8.04	s.u.		0.01		A4500-H B	06/03/09 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	06/04/09 12:49 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 18:26 / cp
Arsenic	0.002	mg/L		0.001		E200.8	06/05/09 15:31 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:31 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:26 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:31 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:31 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:31 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:26 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 15:31 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/05/09 15:31 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:31 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:31 / ts
Selenium	0.006	mg/L		0.001		E200.8	06/05/09 15:31 / ts
Uranium	0.139	mg/L		0.0003		E200.8	06/05/09 15:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:31 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 15:31 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:46 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/16/09 23:46 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-007
Client Sample ID M-127

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	186	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	6.4	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	47.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	1.5	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.29	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	1.7	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.72	%				Calculation	06/18/09 14:13 / kbh
Anions	5.29	meq/L				Calculation	06/18/09 14:13 / kbh
Cations	5.01	meq/L				Calculation	06/18/09 14:13 / kbh
Solids, Total Dissolved Calculated	318	mg/L				Calculation	06/18/09 14:13 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/18/09 14:13 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-008
Client Sample ID M-128

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	113	mg/L		1		A2320 B	06/09/09 15:35 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:35 / ljl
Bicarbonate as HCO3	138	mg/L		1		A2320 B	06/09/09 15:35 / ljl
Calcium	74	mg/L		1		E200.7	06/15/09 16:04 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 08:36 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:16 / ljl
Magnesium	3	mg/L		1		E200.7	06/12/09 15:41 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:26 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:31 / eli-b
Potassium	4	mg/L		1		E200.7	06/12/09 15:41 / aae
Silica	16.3	mg/L		0.2		E200.7	06/18/09 18:30 / cp
Sodium	30	mg/L		1		E200.7	06/12/09 15:41 / aae
Sulfate	155	mg/L		1		E300.0	06/11/09 08:36 / ljl
PHYSICAL PROPERTIES							
Conductivity	538	umhos/cm		1		A2510 B	06/03/09 14:37 / dd
pH	7.84	s.u.		0.01		A4500-H B	06/03/09 14:37 / dd
Solids, Total Dissolved TDS @ 180 C	368	mg/L		10		A2540 C	06/04/09 12:49 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 18:30 / cp
Arsenic	0.005	mg/L		0.001		E200.8	06/05/09 15:38 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:38 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:30 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:38 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:38 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:38 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:30 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 15:38 / ts
Manganese	0.04	mg/L		0.01		E200.8	06/05/09 15:38 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:38 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:38 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 15:38 / ts
Uranium	0.0853	mg/L		0.0003		E200.8	06/05/09 15:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:38 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 15:38 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:55 / cp
Manganese	0.04	mg/L		0.01		E200.7	06/16/09 23:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-008
Client Sample ID M-128

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	93.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	4.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	30.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.1	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	1.2	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.26	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	1.6	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.81	%				Calculation	06/18/09 14:13 / kbh
Anions	5.66	meq/L				Calculation	06/18/09 14:13 / kbh
Cations	5.35	meq/L				Calculation	06/18/09 14:13 / kbh
Solids, Total Dissolved Calculated	340	mg/L				Calculation	06/18/09 14:13 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/18/09 14:13 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-009
Client Sample ID MO-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	96	mg/L		1		A2320 B	06/09/09 15:57 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 15:57 / ljl
Bicarbonate as HCO3	117	mg/L		1		A2320 B	06/09/09 15:57 / ljl
Calcium	47	mg/L		1		E200.7	06/15/09 16:26 / aae
Chloride	8	mg/L		1		E300.0	06/11/09 08:52 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:19 / ljl
Magnesium	1	mg/L		1		E200.7	06/12/09 15:46 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:27 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.13	mg/L		0.05		E353.2	06/05/09 12:34 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 15:46 / aae
Silica	13.6	mg/L		0.2		E200.7	06/18/09 18:34 / cp
Sodium	31	mg/L		1		E200.7	06/12/09 15:46 / aae
Sulfate	101	mg/L		1		E300.0	06/11/09 08:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	421	umhos/cm		1		A2510 B	06/03/09 14:40 / dd
pH	8.06	s.u.		0.01		A4500-H B	06/03/09 14:40 / dd
Solids, Total Dissolved TDS @ 180 C	285	mg/L		10		A2540 C	06/04/09 12:49 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 18:34 / cp
Arsenic	0.001	mg/L		0.001		E200.8	06/05/09 15:47 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 15:47 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 15:47 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 15:47 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 15:47 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:34 / cp
Lead	0.001	mg/L		0.001		E200.8	06/05/09 15:47 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 15:47 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 15:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 15:47 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 15:47 / ts
Selenium	0.019	mg/L		0.001		E200.8	06/05/09 15:47 / ts
Uranium	0.294	mg/L		0.0003		E200.8	06/05/09 15:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 15:47 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 15:47 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/16/09 23:59 / cp
Manganese	ND	mg/L		0.01		E200.7	06/16/09 23:59 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-009
Client Sample ID MO-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	385	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	8.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	96.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	2.6	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.34	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	4.2	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.60	%				Calculation	06/18/09 14:14 / kbh
Anions	4.26	meq/L				Calculation	06/18/09 14:14 / kbh
Cations	3.89	meq/L				Calculation	06/18/09 14:14 / kbh
Solids, Total Dissolved Calculated	250	mg/L				Calculation	06/18/09 14:14 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/18/09 14:14 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-010
Client Sample ID MP-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	06/09/09 16:04 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 16:04 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	06/09/09 16:04 / ljl
Calcium	53	mg/L		1		E200.7	06/15/09 16:32 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 09:07 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 16:21 / ljl
Magnesium	3	mg/L		1		E200.7	06/15/09 16:32 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:35 / eli-b
Potassium	8	mg/L		1		E200.7	06/12/09 15:51 / aae
Silica	16.8	mg/L		0.2		E200.7	06/18/09 18:38 / cp
Sodium	33	mg/L		1		E200.7	06/15/09 16:32 / aae
Sulfate	130	mg/L		1		E300.0	06/11/09 09:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	486	umhos/cm		1		A2510 B	06/03/09 14:42 / dd
pH	8.14	s.u.		0.01		A4500-H B	06/03/09 14:42 / dd
Solids, Total Dissolved TDS @ 180 C	341	mg/L		10		A2540 C	06/04/09 12:50 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	06/18/09 18:38 / cp
Arsenic	0.005	mg/L		0.001		E200.8	06/05/09 16:21 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 16:21 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 16:21 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 16:21 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 16:21 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:38 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 16:21 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 16:21 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 16:21 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 16:21 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 16:21 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 16:21 / ts
Uranium	0.275	mg/L		0.0003		E200.8	06/05/09 16:21 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 16:21 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 16:21 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:16 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:16 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-010
Client Sample ID MP-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1460	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	17.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	479	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	5.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	698	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	5.4	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	7.0	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.00	%				Calculation	06/18/09 14:20 / kbh
Anions	5.02	meq/L				Calculation	06/18/09 14:20 / kbh
Cations	4.54	meq/L				Calculation	06/18/09 14:20 / kbh
Solids, Total Dissolved Calculated	298	mg/L				Calculation	06/18/09 14:20 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/18/09 14:20 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-011
Client Sample ID M-131

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	95	mg/L		1		A2320 B	06/09/09 16:20 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 16:20 / ljl
Bicarbonate as HCO3	116	mg/L		1		A2320 B	06/09/09 16:20 / ljl
Calcium	48	mg/L		1		E200.7	06/15/09 16:37 / aae
Chloride	8	mg/L		1		E300.0	06/11/09 09:23 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:24 / ljl
Magnesium	1	mg/L		1		E200.7	06/12/09 16:02 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:29 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.14	mg/L		0.05		E353.2	06/05/09 12:37 / eli-b
Potassium	3	mg/L		1		E200.7	06/12/09 16:02 / aae
Silica	14.0	mg/L		0.2		E200.7	06/18/09 18:42 / cp
Sodium	33	mg/L		1		E200.7	06/12/09 16:02 / aae
Sulfate	100	mg/L		1		E300.0	06/11/09 09:23 / ljl
PHYSICAL PROPERTIES							
Conductivity	419	umhos/cm		1		A2510 B	06/03/09 14:46 / dd
pH	8.29	s.u.		0.01		A4500-H B	06/03/09 14:46 / dd
Solids, Total Dissolved TDS @ 180 C	265	mg/L		10		A2540 C	06/04/09 12:51 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/05/09 23:40 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/05/09 23:40 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 23:40 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 23:40 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 23:40 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 23:40 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:42 / cp
Lead	0.001	mg/L		0.001		E200.8	06/05/09 23:40 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 23:40 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 23:40 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 23:40 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 23:40 / ts
Selenium	0.018	mg/L		0.001		E200.8	06/05/09 23:40 / ts
Uranium	0.307	mg/L		0.0003		E200.8	06/05/09 23:40 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 23:40 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 23:40 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:20 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:20 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-011
Client Sample ID M-131

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	388	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	8.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	98.1	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	3.3	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 precision (±)	0.38	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 13:47 / jah
Radium 228	1.9	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.84	%				Calculation	06/18/09 14:20 / kbh
Anions	4.23	meq/L				Calculation	06/18/09 14:20 / kbh
Cations	4.00	meq/L				Calculation	06/18/09 14:20 / kbh
Solids, Total Dissolved Calculated	251	mg/L				Calculation	06/18/09 14:20 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/18/09 14:20 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-012
Client Sample ID MU-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	36	mg/L		1		A2320 B	06/09/09 16:28 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	06/09/09 16:28 / ljl
Bicarbonate as HCO3	34	mg/L		1		A2320 B	06/09/09 16:28 / ljl
Calcium	30	mg/L		1		E200.7	06/15/09 16:42 / aae
Chloride	9	mg/L		1		E300.0	06/11/09 09:38 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:27 / ljl
Magnesium	ND	mg/L		1		E200.7	06/12/09 16:08 / aae
Nitrogen, Ammonia as N	0.14	mg/L		0.05		E350.1	06/05/09 12:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:38 / eli-b
Potassium	11	mg/L		1		E200.7	06/12/09 16:08 / aae
Silica	15.0	mg/L		0.2		E200.7	06/18/09 18:54 / cp
Sodium	35	mg/L		1		E200.7	06/12/09 16:08 / aae
Sulfate	110	mg/L		1		E300.0	06/11/09 09:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	381	umhos/cm		1		A2510 B	06/03/09 14:48 / dd
pH	9.61	s.u.		0.01		A4500-H B	06/03/09 14:48 / dd
Solids, Total Dissolved TDS @ 180 C	225	mg/L		10		A2540 C	06/04/09 12:51 / rp
METALS - DISSOLVED							
Aluminum	0.1	mg/L		0.1		E200.8	06/05/09 23:47 / ts
Arsenic	0.022	mg/L		0.001		E200.8	06/05/09 23:47 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 23:47 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 18:54 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 23:47 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 23:47 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 23:47 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 18:54 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 23:47 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 23:47 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 23:47 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 23:47 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 23:47 / ts
Selenium	ND	mg/L		0.001		E200.8	06/05/09 23:47 / ts
Uranium	0.0815	mg/L		0.0003		E200.8	06/05/09 23:47 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 23:47 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 23:47 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:24 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:24 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-012
Client Sample ID MU-110

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	111	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	4.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	42.6	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	2.9	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 226 precision (±)	0.38	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 228	4.0	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	0.403	%				Calculation	06/18/09 14:20 / kbh
Anions	3.27	meq/L				Calculation	06/18/09 14:20 / kbh
Cations	3.30	meq/L				Calculation	06/18/09 14:20 / kbh
Solids, Total Dissolved Calculated	216	mg/L				Calculation	06/18/09 14:20 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/18/09 14:20 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-013
Client Sample ID MO-111

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	98	mg/L		1		A2320 B	06/09/09 16:35 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 16:35 / ljl
Bicarbonate as HCO3	120	mg/L		1		A2320 B	06/09/09 16:35 / ljl
Calcium	46	mg/L		1		E200.7	06/15/09 16:48 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 10:24 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:43 / ljl
Magnesium	2	mg/L		1		E200.7	06/12/09 16:13 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.16	mg/L		0.05		E353.2	06/05/09 12:39 / eli-b
Potassium	2	mg/L		1		E200.7	06/12/09 16:13 / aae
Silica	14.8	mg/L		0.2		E200.7	06/18/09 19:02 / cp
Sodium	31	mg/L		1		E200.7	06/12/09 16:13 / aae
Sulfate	96	mg/L		1		E300.0	06/11/09 10:24 / ljl
PHYSICAL PROPERTIES							
Conductivity	408	umhos/cm		1		A2510 B	06/03/09 14:51 / dd
pH	7.81	s.u.		0.01		A4500-H B	06/03/09 14:51 / dd
Solids, Total Dissolved TDS @ 180 C	261	mg/L		10		A2540 C	06/04/09 12:51 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/05/09 23:54 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/05/09 23:54 / ts
Barium	ND	mg/L		0.1		E200.8	06/05/09 23:54 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:02 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/05/09 23:54 / ts
Chromium	ND	mg/L		0.05		E200.8	06/05/09 23:54 / ts
Copper	ND	mg/L		0.01		E200.8	06/05/09 23:54 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:02 / cp
Lead	ND	mg/L		0.001		E200.8	06/05/09 23:54 / ts
Manganese	ND	mg/L		0.01		E200.8	06/05/09 23:54 / ts
Mercury	ND	mg/L		0.001		E200.8	06/05/09 23:54 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/05/09 23:54 / ts
Nickel	ND	mg/L		0.05		E200.8	06/05/09 23:54 / ts
Selenium	0.022	mg/L		0.001		E200.8	06/05/09 23:54 / ts
Uranium	0.369	mg/L		0.0003		E200.8	06/05/09 23:54 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/05/09 23:54 / ts
Zinc	ND	mg/L		0.01		E200.8	06/05/09 23:54 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:28 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:28 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-013
Client Sample ID MO-111

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	439	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha precision (±)	9.2	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta	138	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/24/09 23:04 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/24/09 23:04 / cgr
Radium 226	6.2	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 226 precision (±)	0.52	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/16/09 16:22 / jah
Radium 228	1.4	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/11/09 14:26 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/11/09 14:26 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.93	%				Calculation	06/18/09 14:21 / kbh
Anions	4.15	meq/L				Calculation	06/18/09 14:21 / kbh
Cations	3.84	meq/L				Calculation	06/18/09 14:21 / kbh
Solids, Total Dissolved Calculated	243	mg/L				Calculation	06/18/09 14:21 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/18/09 14:21 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-014
Client Sample ID MU-111

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	79	mg/L		1		A2320 B	06/09/09 16:42 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 16:42 / ljl
Bicarbonate as HCO3	96	mg/L		1		A2320 B	06/09/09 16:42 / ljl
Calcium	50	mg/L		1		E200.7	06/15/09 17:11 / aae
Chloride	7	mg/L		1		E300.0	06/11/09 10:40 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:46 / ljl
Magnesium	1	mg/L		1		E200.7	06/12/09 16:18 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:40 / eli-b
Potassium	11	mg/L		1		E200.7	06/12/09 16:18 / aae
Silica	15.2	mg/L		0.2		E200.7	06/18/09 19:18 / cp
Sodium	37	mg/L		1		E200.7	06/12/09 16:18 / aae
Sulfate	135	mg/L		1		E300.0	06/11/09 10:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	477	umhos/cm		1		A2510 B	06/03/09 14:52 / dd
pH	8.86	s.u.		0.01		A4500-H B	06/03/09 14:52 / dd
Solids, Total Dissolved TDS @ 180 C	304	mg/L		10		A2540 C	06/04/09 12:52 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 00:05 / ts
Arsenic	0.003	mg/L		0.001		E200.8	06/06/09 00:05 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:05 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:05 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:05 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:05 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:18 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:05 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:05 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:05 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:05 / ts
Selenium	ND	mg/L		0.001		E200.8	06/06/09 00:05 / ts
Uranium	0.0314	mg/L		0.0003		E200.8	06/06/09 00:05 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:05 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:05 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:32 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:32 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-014
Client Sample ID MU-111

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	229	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	6.8	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	93.3	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	112	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 226 precision (±)	2.1	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 226 MDC	0.19	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 228	2.7	pCi/L				RA-05	06/15/09 11:16 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/15/09 11:16 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/15/09 11:16 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.12	%				Calculation	06/18/09 14:22 / kbh
Anions	4.59	meq/L				Calculation	06/18/09 14:22 / kbh
Cations	4.49	meq/L				Calculation	06/18/09 14:22 / kbh
Solids, Total Dissolved Calculated	288	mg/L				Calculation	06/18/09 14:22 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/18/09 14:22 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-015
Client Sample ID MO-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	70	mg/L		1		A2320 B	06/09/09 16:50 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	06/09/09 16:50 / ljl
Bicarbonate as HCO3	78	mg/L		1		A2320 B	06/09/09 16:50 / ljl
Calcium	42	mg/L		1		E200.7	06/15/09 17:16 / aae
Chloride	7	mg/L		1		E300.0	06/11/09 10:55 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:50 / ljl
Magnesium	2	mg/L		1		E200.7	06/12/09 16:53 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.33	mg/L		0.05		E353.2	06/05/09 12:41 / eli-b
Potassium	2	mg/L		1		E200.7	06/12/09 16:53 / aae
Silica	17.5	mg/L		0.2		E200.7	06/18/09 19:22 / cp
Sodium	29	mg/L		1		E200.7	06/12/09 16:53 / aae
Sulfate	83	mg/L		1		E300.0	06/11/09 10:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	347	umhos/cm		1		A2510 B	06/03/09 14:54 / dd
pH	8.75	s.u.		0.01		A4500-H B	06/03/09 14:54 / dd
Solids, Total Dissolved TDS @ 180 C	218	mg/L		10		A2540 C	06/04/09 12:52 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 00:07 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 00:07 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:07 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:22 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:07 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:07 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:07 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:22 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:07 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:07 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:07 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:07 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:07 / ts
Selenium	0.032	mg/L		0.001		E200.8	06/06/09 00:07 / ts
Uranium	0.331	mg/L		0.0003		E200.8	06/06/09 00:07 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:07 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:07 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:37 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:37 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-015
Client Sample ID MO-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	334	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	7.6	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	94.6	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	1.0	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 226 precision (±)	0.25	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/19/09 13:14 / jah
Radium 228	0.4	pCi/L	U			RA-05	06/15/09 11:16 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/15/09 11:16 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/15/09 11:16 / plj
DATA QUALITY							
A/C Balance (± 5)	2.48	%				Calculation	06/18/09 14:23 / kbh
Anions	3.38	meq/L				Calculation	06/18/09 14:23 / kbh
Cations	3.55	meq/L				Calculation	06/18/09 14:23 / kbh
Solids, Total Dissolved Calculated	210	mg/L				Calculation	06/18/09 14:23 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/18/09 14:23 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-016
Client Sample ID MP-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	39	mg/L		1		A2320 B	06/09/09 16:56 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	06/09/09 16:56 / ljl
Bicarbonate as HCO3	45	mg/L		1		A2320 B	06/09/09 16:56 / ljl
Calcium	38	mg/L		1		E200.7	06/15/09 17:22 / aae
Chloride	7	mg/L		1		E300.0	06/11/09 11:11 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:52 / ljl
Magnesium	ND	mg/L		1		E200.7	06/12/09 16:58 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:40 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:43 / eli-b
Potassium	9	mg/L		1		E200.7	06/12/09 16:58 / aae
Silica	15.0	mg/L		0.2		E200.7	06/18/09 19:27 / cp
Sodium	40	mg/L		1		E200.7	06/12/09 16:58 / aae
Sulfate	128	mg/L		1		E300.0	06/11/09 11:11 / ljl
PHYSICAL PROPERTIES							
Conductivity	405	umhos/cm		1		A2510 B	06/03/09 14:56 / dd
pH	9.30	s.u.		0.01		A4500-H B	06/03/09 14:56 / dd
Solids, Total Dissolved TDS @ 180 C	240	mg/L		10		A2540 C	06/04/09 12:53 / rp
METALS - DISSOLVED							
Aluminum	0.2	mg/L		0.1		E200.8	06/06/09 00:14 / ts
Arsenic	0.027	mg/L		0.001		E200.8	06/06/09 00:14 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:14 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:27 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:14 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:14 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:14 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:27 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:14 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:14 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:14 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:14 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:14 / ts
Selenium	ND	mg/L		0.001		E200.8	06/06/09 00:14 / ts
Uranium	0.405	mg/L		0.0003		E200.8	06/06/09 00:14 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:14 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:14 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 09:41 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 09:41 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-016
Client Sample ID MP-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	760	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	12.3	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	271	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	4.4	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	120	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 precision (±)	1.8	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 228	2.2	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/15/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	3.33	%				Calculation	06/18/09 14:23 / kbh
Anions	3.64	meq/L				Calculation	06/18/09 14:23 / kbh
Cations	3.89	meq/L				Calculation	06/18/09 14:23 / kbh
Solids, Total Dissolved Calculated	246	mg/L				Calculation	06/18/09 14:23 / kbh
TDS Balance (0.80 - 1.20)	0.980					Calculation	06/18/09 14:23 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-017
Client Sample ID MU-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	69	mg/L		1		A2320 B	06/09/09 17:03 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	06/09/09 17:03 / ljl
Bicarbonate as HCO3	80	mg/L		1		A2320 B	06/09/09 17:03 / ljl
Calcium	51	mg/L		1		E200.7	06/15/09 17:27 / aae
Chloride	11	mg/L		1		E300.0	06/11/09 11:26 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 16:56 / ljl
Magnesium	ND	mg/L		1		E200.7	06/12/09 17:03 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:44 / eli-b
Potassium	8	mg/L		1		E200.7	06/12/09 17:03 / aae
Silica	16.3	mg/L		0.2		E200.7	06/18/09 19:31 / cp
Sodium	38	mg/L		1		E200.7	06/12/09 17:03 / aae
Sulfate	117	mg/L		1		E300.0	06/11/09 11:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	442	umhos/cm		1		A2510 B	06/03/09 14:58 / dd
pH	9.15	s.u.		0.01		A4500-H B	06/03/09 14:58 / dd
Solids, Total Dissolved TDS @ 180 C	271	mg/L		10		A2540 C	06/04/09 12:53 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 00:21 / ts
Arsenic	0.009	mg/L		0.001		E200.8	06/06/09 00:21 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:21 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:31 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:21 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:21 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:21 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:31 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:21 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:21 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:21 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:21 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:21 / ts
Selenium	ND	mg/L		0.001		E200.8	06/06/09 00:21 / ts
Uranium	0.0076	mg/L		0.0003		E200.8	06/06/09 00:21 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:21 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:21 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 10:05 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 10:05 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-017
Client Sample ID MU-112

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	24.8	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	2.4	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	17.8	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	1.9	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 precision (±)	0.24	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 228	4.0	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/15/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	3.22	%				Calculation	06/18/09 14:23 / kbh
Anions	4.13	meq/L				Calculation	06/18/09 14:23 / kbh
Cations	4.41	meq/L				Calculation	06/18/09 14:23 / kbh
Solids, Total Dissolved Calculated	267	mg/L				Calculation	06/18/09 14:23 / kbh
TDS Balance (0.80 - 1.20)	1.01					Calculation	06/18/09 14:23 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-018
Client Sample ID MO-113

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	06/09/09 17:11 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 17:11 / ljl
Bicarbonate as HCO3	129	mg/L		1		A2320 B	06/09/09 17:11 / ljl
Calcium	56	mg/L		1		E200.7	06/15/09 17:33 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 12:12 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 17:04 / ljl
Magnesium	2	mg/L		1		E200.7	06/12/09 17:09 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.17	mg/L		0.05		E353.2	06/05/09 12:47 / eli-b
Potassium	2	mg/L		1		E200.7	06/12/09 17:09 / aae
Silica	15.6	mg/L		0.2		E200.7	06/18/09 19:35 / cp
Sodium	32	mg/L		1		E200.7	06/12/09 17:09 / aae
Sulfate	106	mg/L		1		E300.0	06/11/09 12:12 / ljl
PHYSICAL PROPERTIES							
Conductivity	436	umhos/cm		1		A2510 B	06/03/09 15:00 / dd
pH	7.85	s.u.		0.01		A4500-H B	06/03/09 15:00 / dd
Solids, Total Dissolved TDS @ 180 C	273	mg/L		10		A2540 C	06/04/09 12:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 00:27 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 00:27 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:27 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:35 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:27 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:27 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:27 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:35 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:27 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:27 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:27 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:27 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:27 / ts
Selenium	0.042	mg/L		0.001		E200.8	06/06/09 00:27 / ts
Uranium	0.641	mg/L		0.0003		E200.8	06/06/09 00:27 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:27 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:27 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 10:13 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 10:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-018
Client Sample ID MO-113

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	587	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	10.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	202	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	3.8	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	38	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 precision (±)	0.96	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 MDC	0.14	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 228	2.9	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/15/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.38	%				Calculation	06/18/09 14:24 / kbh
Anions	4.52	meq/L				Calculation	06/18/09 14:24 / kbh
Cations	4.39	meq/L				Calculation	06/18/09 14:24 / kbh
Solids, Total Dissolved Calculated	268	mg/L				Calculation	06/18/09 14:24 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/18/09 14:24 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-019
Client Sample ID MU-113

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	77	mg/L		1		A2320 B	06/09/09 17:34 / ljl
Carbonate as CO3	4	mg/L		1		A2320 B	06/09/09 17:34 / ljl
Bicarbonate as HCO3	85	mg/L		1		A2320 B	06/09/09 17:34 / ljl
Calcium	55	mg/L		1		E200.7	06/15/09 17:49 / aae
Chloride	8	mg/L		1		E300.0	06/11/09 12:28 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 17:07 / ljl
Magnesium	ND	mg/L		1		E200.7	06/12/09 17:14 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:51 / eli-b
Potassium	9	mg/L		1		E200.7	06/12/09 17:14 / aae
Silica	16.2	mg/L		0.2		E200.7	06/18/09 19:39 / cp
Sodium	36	mg/L		1		E200.7	06/12/09 17:14 / aae
Sulfate	121	mg/L		1		E300.0	06/11/09 12:28 / ljl
PHYSICAL PROPERTIES							
Conductivity	449	umhos/cm		1		A2510 B	06/03/09 15:02 / dd
pH	9.12	s.u.		0.01		A4500-H B	06/03/09 15:02 / dd
Solids, Total Dissolved TDS @ 180 C	290	mg/L		10		A2540 C	06/04/09 12:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 00:34 / ts
Arsenic	0.016	mg/L		0.001		E200.8	06/06/09 00:34 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 00:34 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:39 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 00:34 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 00:34 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 00:34 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:39 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 00:34 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 00:34 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 00:34 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 00:34 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 00:34 / ts
Selenium	ND	mg/L		0.001		E200.8	06/06/09 00:34 / ts
Uranium	0.0247	mg/L		0.0003		E200.8	06/06/09 00:34 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 00:34 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 00:34 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 10:17 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 10:17 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-019
Client Sample ID MU-113

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	37.9	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	2.9	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	21.4	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	2.6	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 precision (±)	0.30	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 MDC	0.17	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 228	5.0	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/15/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	3.17	%				Calculation	06/18/09 14:25 / kbh
Anions	4.31	meq/L				Calculation	06/18/09 14:25 / kbh
Cations	4.59	meq/L				Calculation	06/18/09 14:25 / kbh
Solids, Total Dissolved Calculated	276	mg/L				Calculation	06/18/09 14:25 / kbh
TDS Balance (0.80 - 1.20)	1.05					Calculation	06/18/09 14:25 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-020
Client Sample ID M-132

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	06/09/09 17:39 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 17:39 / ljl
Bicarbonate as HCO3	2	mg/L	B	1		A2320 B	06/09/09 17:39 / ljl
Calcium	ND	mg/L		1		E200.7	06/15/09 17:54 / aae
Chloride	ND	mg/L		1		E300.0	06/11/09 12:43 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/08/09 17:14 / ljl
Magnesium	ND	mg/L		1		E200.7	06/12/09 17:20 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/05/09 12:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/05/09 12:52 / eli-b
Potassium	ND	mg/L		1		E200.7	06/12/09 17:20 / aae
Silica	ND	mg/L		0.2		E200.7	06/18/09 19:43 / cp
Sodium	ND	mg/L		1		E200.7	06/12/09 17:20 / aae
Sulfate	ND	mg/L		1		E300.0	06/11/09 12:43 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	06/03/09 15:05 / dd
pH	6.16	s.u.		0.01		A4500-H B	06/03/09 15:05 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	06/04/09 12:54 / rp
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/06/09 01:08 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/06/09 01:08 / ts
Barium	ND	mg/L		0.1		E200.8	06/06/09 01:08 / ts
Boron	ND	mg/L		0.1		E200.7	06/18/09 19:43 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/06/09 01:08 / ts
Chromium	ND	mg/L		0.05		E200.8	06/06/09 01:08 / ts
Copper	ND	mg/L		0.01		E200.8	06/06/09 01:08 / ts
Iron	ND	mg/L		0.03		E200.7	06/18/09 19:43 / cp
Lead	ND	mg/L		0.001		E200.8	06/06/09 01:08 / ts
Manganese	ND	mg/L		0.01		E200.8	06/06/09 01:08 / ts
Mercury	ND	mg/L		0.001		E200.8	06/06/09 01:08 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/06/09 01:08 / ts
Nickel	ND	mg/L		0.05		E200.8	06/06/09 01:08 / ts
Selenium	ND	mg/L		0.001		E200.8	06/06/09 01:08 / ts
Uranium	ND	mg/L		0.0003		E200.8	06/06/09 01:08 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/06/09 01:08 / ts
Zinc	ND	mg/L		0.01		E200.8	06/06/09 01:08 / ts
METALS - TOTAL							
Iron	ND	mg/L	D	0.07		E200.7	06/17/09 10:21 / cp
Manganese	ND	mg/L		0.01		E200.7	06/17/09 10:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060141-020
Client Sample ID M-132

Report Date: 07/07/09
Collection Date: 06/02/09
DateReceived: 06/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.1	pCi/L	U			E900.0	06/25/09 11:17 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Alpha MDC	1.0	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta	-1	pCi/L	U			E900.0	06/25/09 11:17 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/25/09 11:17 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/25/09 11:17 / cgr
Radium 226	-0.08	pCi/L	U			E903.0	06/30/09 11:31 / jah
Radium 226 precision (±)	0.08	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 226 MDC	0.15	pCi/L				E903.0	06/30/09 11:31 / jah
Radium 228	0.3	pCi/L	U			RA-05	06/15/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/15/09 13:20 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/15/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-92.9	%				Calculation	06/18/09 14:27 / kbh
Anions	0.0401	meq/L				Calculation	06/18/09 14:27 / kbh
Cations	0.00148	meq/L				Calculation	06/18/09 14:27 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R119337
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090609A				06/09/09 14:16
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:31
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:38
Alkalinity, Total as CaCO3		53.5	mg/L	5.0	102	90	110			
Sample ID: C09060141-008AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/09/09 15:43
Alkalinity, Total as CaCO3		244	mg/L	5.0	105	80	120			
Sample ID: C09060141-008AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/09/09 15:50
Alkalinity, Total as CaCO3		241	mg/L	5.0	102	80	120	1.6	20	
Sample ID: C09060141-018AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/09/09 17:19
Alkalinity, Total as CaCO3		231	mg/L	5.0	100	80	120			
Sample ID: C09060141-018AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/09/09 17:26
Alkalinity, Total as CaCO3		232	mg/L	5.0	101	80	120	0.3	20	
Method: A2510 B							Analytical Run: ORION555A_090603C			
Sample ID: ICV2_090603_3		Initial Calibration Verification Standard								06/03/09 14:18
Conductivity		1390	umhos/cm	1.0	99	90	110			
Method: A2510 B								Batch: 090603_3_PH-W_555A-2		
Sample ID: MBLK1_090603_3		Method Blank				Run: ORION555A_090603C				06/03/09 14:14
Conductivity		0.8	umhos/cm	0.2						
Sample ID: C09060141-010ADUP		Sample Duplicate				Run: ORION555A_090603C				06/03/09 14:44
Conductivity		486	umhos/cm	1.0				0	10	
Sample ID: C09060141-020ADUP		Sample Duplicate				Run: ORION555A_090603C				06/03/09 15:08
Conductivity		1.10	umhos/cm	1.0				0	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090603_2_SLDS-TDS-W	
Sample ID: LCS3_		Laboratory Control Sample				Run: BAL-1_090603D			06/03/09 11:53	
Solids, Total Dissolved TDS @ 180 C		996	mg/L	10	99	90	110			
Sample ID: MBLK3_		Method Blank				Run: BAL-1_090603D			06/03/09 11:53	
Solids, Total Dissolved TDS @ 180 C		10	mg/L	6						
Sample ID: C09060141-005AMS		Sample Matrix Spike				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2450	mg/L	10	105	90	110			
Sample ID: C09060141-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090603D			06/03/09 00:00	
Solids, Total Dissolved TDS @ 180 C		2410	mg/L	10	102	90	110	1.7	10	
Method: A2540 C									Batch: 090604_1_SLDS-TDS-W	
Sample ID: MBLK1_090604		Method Blank				Run: BAL-1_090604B			06/04/09 12:48	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090604		Laboratory Control Sample				Run: BAL-1_090604B			06/04/09 12:48	
Solids, Total Dissolved TDS @ 180 C		996	mg/L	10	100	90	110			
Sample ID: C09060141-015AMS		Sample Matrix Spike				Run: BAL-1_090604B			06/04/09 12:52	
Solids, Total Dissolved TDS @ 180 C		2270	mg/L	10	103	90	110			
Sample ID: C09060141-015AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090604B			06/04/09 12:53	
Solids, Total Dissolved TDS @ 180 C		2260	mg/L	10	102	90	110	0.4	10	
Sample ID: C09060156-001AMS		Sample Matrix Spike				Run: BAL-1_090604B			06/04/09 12:56	
Solids, Total Dissolved TDS @ 180 C		28100	mg/L	10	102	90	110			
Sample ID: C09060156-001AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090604B			06/04/09 12:57	
Solids, Total Dissolved TDS @ 180 C		28200	mg/L	10	103	90	110	0.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R119289
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090608A				06/08/09 15:01
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090608A				06/08/09 15:04
Fluoride		1.02	mg/L	0.10	102	90	110			
Sample ID: C09060109-001AMS		Sample Matrix Spike				Run: MANTECH_090608A				06/08/09 15:23
Fluoride		1.72	mg/L	0.10	100	80	120			
Sample ID: C09060109-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A				06/08/09 15:26
Fluoride		1.72	mg/L	0.10	100	80	120	0	10	
Sample ID: C09060141-007AMS		Sample Matrix Spike				Run: MANTECH_090608A				06/08/09 16:10
Fluoride		1.16	mg/L	0.10	102	80	120			
Sample ID: C09060141-007AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A				06/08/09 16:13
Fluoride		1.18	mg/L	0.10	104	80	120	1.7	10	
Sample ID: C09060141-017AMS		Sample Matrix Spike				Run: MANTECH_090608A				06/08/09 16:59
Fluoride		1.18	mg/L	0.10	103	80	120			
Sample ID: C09060141-017AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A				06/08/09 17:01
Fluoride		1.18	mg/L	0.10	103	80	120	0	10	
Method: A4500-H B										Analytical Run: ORION555A_090603C
Sample ID: ICV1_090603_3		Initial Calibration Verification Standard								06/03/09 14:16
pH		6.88	s.u.	0.010	100	98	102			
Method: A4500-H B										Batch: 090603_3_PH-W_555A-2
Sample ID: C09060141-010ADUP		Sample Duplicate				Run: ORION555A_090603C				06/03/09 14:44
pH		8.15	s.u.	0.010				0.1	10	
Sample ID: C09060141-020ADUP		Sample Duplicate				Run: ORION555A_090603C				06/03/09 15:08
pH		5.90	s.u.	0.010				4.3	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Batch: R119443	
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090610A			06/10/09 22:35	
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		38.6	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090610A			06/10/09 22:51	
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09060109-001AMS	2	Sample Matrix Spike				Run: IC1-C_090610A			06/11/09 04:14	
Chloride		242	mg/L	1.0	96	90	110			
Sulfate		531	mg/L	1.0	106	90	110			
Sample ID: C09060109-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090610A			06/11/09 04:30	
Chloride		236	mg/L	1.0	84	90	110	2.4	20	S
Sulfate		520	mg/L	1.0	100	90	110	2.2	20	
Sample ID: C09060141-007AMS	2	Sample Matrix Spike				Run: IC1-C_090610A			06/11/09 08:06	
Chloride		25.3	mg/L	1.0	101	90	110			
Sulfate		220	mg/L	1.0	102	90	110			
Sample ID: C09060141-007AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090610A			06/11/09 08:21	
Chloride		25.7	mg/L	1.0	103	90	110	1.5	20	
Sulfate		221	mg/L	1.0	103	90	110	0.3	20	
Sample ID: C09060141-017AMS	2	Sample Matrix Spike				Run: IC1-C_090610A			06/11/09 11:41	
Chloride		31.4	mg/L	1.0	105	90	110			
Sulfate		198	mg/L	1.0	103	90	110			
Sample ID: C09060141-017AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090610A			06/11/09 11:57	
Chloride		31.4	mg/L	1.0	105	90	110	0.1	20	
Sulfate		198	mg/L	1.0	102	90	110	0.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E350.1									Analytical Run: SUB-B130693	
Sample ID: ICV		Initial Calibration Verification Standard							06/05/09 11:58	
Nitrogen, Ammonia as N		5.55	mg/L	0.11	101	90	110			
Method: E350.1									Batch: B_R130693	
Sample ID: MBLK		Method Blank				Run: SUB-B130693			06/05/09 12:00	
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130693			06/05/09 12:01	
Nitrogen, Ammonia as N		1.00	mg/L	0.10	101	90	110			
Sample ID: B09060539-001DMS		Sample Matrix Spike				Run: SUB-B130693			06/05/09 12:08	
Nitrogen, Ammonia as N		1.22	mg/L	0.050	90	90	110			
Sample ID: B09060539-001DMSD		Sample Matrix Spike Duplicate				Run: SUB-B130693			06/05/09 12:09	
Nitrogen, Ammonia as N		1.21	mg/L	0.050	89	90	110	0.7	10	S
Sample ID: C09060141-005E		Sample Matrix Spike				Run: SUB-B130693			06/05/09 12:21	
Nitrogen, Ammonia as N		0.837	mg/L	0.050	84	90	110			S
Sample ID: C09060141-005E		Sample Matrix Spike Duplicate				Run: SUB-B130693			06/05/09 12:22	
Nitrogen, Ammonia as N		0.831	mg/L	0.050	83	90	110	0.7	10	S
Sample ID: C09060141-013E		Sample Matrix Spike				Run: SUB-B130693			06/05/09 12:35	
Nitrogen, Ammonia as N		0.821	mg/L	0.050	82	90	110			S
Sample ID: C09060141-013E		Sample Matrix Spike Duplicate				Run: SUB-B130693			06/05/09 12:36	
Nitrogen, Ammonia as N		0.821	mg/L	0.050	82	90	110	0	10	S
Sample ID: B09060158-003CMS		Sample Matrix Spike				Run: SUB-B130693			06/05/09 12:49	
Nitrogen, Ammonia as N		1.02	mg/L	0.10	97	90	110			
Sample ID: B09060158-003CMSD		Sample Matrix Spike Duplicate				Run: SUB-B130693			06/05/09 12:51	
Nitrogen, Ammonia as N		1.02	mg/L	0.10	97	90	110	0.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2									Analytical Run: SUB-B130654	
Sample ID: ICV		Initial Calibration Verification Standard							06/05/09 10:46	
Nitrogen, Nitrate+Nitrite as N		36.2	mg/L	0.050	102	90	110			
Method: E353.2									Batch: B_R130654	
Sample ID: MBLK		Method Blank				Run: SUB-B130654			06/05/09 10:47	
Nitrogen, Nitrate+Nitrite as N		0.002	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130654			06/05/09 10:48	
Nitrogen, Nitrate+Nitrite as N		0.977	mg/L	0.050	99	90	110			
Sample ID: B09060539-001DMS		Sample Matrix Spike				Run: SUB-B130654			06/05/09 12:15	
Nitrogen, Nitrate+Nitrite as N		0.980	mg/L	0.050	99	90	110			
Sample ID: B09060539-001DMSD		Sample Matrix Spike Duplicate				Run: SUB-B130654			06/05/09 12:17	
Nitrogen, Nitrate+Nitrite as N		1.06	mg/L	0.050	108	90	110	8.1	10	
Sample ID: B09060486-004CMS		Sample Matrix Spike				Run: SUB-B130654			06/05/09 11:27	
Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.050	100	90	110			
Sample ID: B09060486-004CMSD		Sample Matrix Spike Duplicate				Run: SUB-B130654			06/05/09 11:28	
Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.050	99	90	110	0.1	10	
Sample ID: C09060141-008E		Sample Matrix Spike				Run: SUB-B130654			06/05/09 12:32	
Nitrogen, Nitrate+Nitrite as N		0.980	mg/L	0.050	99	90	110			
Sample ID: C09060141-008E		Sample Matrix Spike Duplicate				Run: SUB-B130654			06/05/09 12:33	
Nitrogen, Nitrate+Nitrite as N		0.987	mg/L	0.050	100	90	110	0.7	10	
Sample ID: C09060141-018E		Sample Matrix Spike				Run: SUB-B130654			06/05/09 12:49	
Nitrogen, Nitrate+Nitrite as N		1.20	mg/L	0.050	105	90	110			
Sample ID: C09060141-018E		Sample Matrix Spike Duplicate				Run: SUB-B130654			06/05/09 12:50	
Nitrogen, Nitrate+Nitrite as N		1.16	mg/L	0.050	101	90	110	3.1	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119527
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090612A				06/12/09 12:54
Calcium		0.3	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090612A				06/12/09 12:59
Calcium		49.7	mg/L	0.50	99	85	115			
Magnesium		50.1	mg/L	0.50	100	85	115			
Potassium		48.6	mg/L	0.50	97	85	115			
Sodium		49.7	mg/L	0.50	99	85	115			
Sample ID: MB-22453	4	Method Blank				Run: ICP3-C_090612A				06/12/09 13:17
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.2						
Potassium		0.09	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: C09060141-004BMS	4	Sample Matrix Spike				Run: ICP3-C_090612A				06/12/09 14:56
Calcium		111	mg/L	1.0	107	70	130			
Magnesium		56.4	mg/L	1.0	107	70	130			
Potassium		57.9	mg/L	1.0	107	70	130			
Sodium		83.7	mg/L	1.0	106	70	130			
Sample ID: C09060141-004BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090612A				06/12/09 15:01
Calcium		108	mg/L	1.0	101	70	130	2.8	20	
Magnesium		50.9	mg/L	1.0	96	70	130	10	20	
Potassium		53.0	mg/L	1.0	97	70	130	8.7	20	
Sodium		79.8	mg/L	1.0	99	70	130	4.8	20	
Sample ID: C09060141-014BMS	4	Sample Matrix Spike				Run: ICP3-C_090612A				06/12/09 16:24
Calcium		105	mg/L	1.0	104	70	130			
Magnesium		54.4	mg/L	1.0	104	70	130			
Potassium		63.2	mg/L	1.0	103	70	130			
Sodium		89.0	mg/L	1.0	102	70	130			
Sample ID: C09060141-014BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090612A				06/12/09 16:29
Calcium		113	mg/L	1.0	120	70	130	7.4	20	
Magnesium		60.8	mg/L	1.0	117	70	130	11	20	
Potassium		69.6	mg/L	1.0	115	70	130	9.6	20	
Sodium		96.0	mg/L	1.0	116	70	130	7.6	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119592
Sample ID: LRB	3	Method Blank				Run: ICP3-C_090615A				06/15/09 15:35
Calcium		ND	mg/L	0.2						
Magnesium		0.2	mg/L	0.2						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	3	Laboratory Fortified Blank				Run: ICP3-C_090615A				06/15/09 15:41
Calcium		50.1	mg/L	0.50	100	85	115			
Magnesium		50.8	mg/L	0.50	101	85	115			
Sodium		50.3	mg/L	0.50	101	85	115			
Sample ID: C09060141-008BMS	3	Sample Matrix Spike				Run: ICP3-C_090615A				06/15/09 16:15
Calcium		115	mg/L	1.0	81	70	130			
Magnesium		49.2	mg/L	1.0	89	70	130			
Sodium		74.8	mg/L	1.0	87	70	130			
Sample ID: C09060141-008BMSD	3	Sample Matrix Spike Duplicate				Run: ICP3-C_090615A				06/15/09 16:21
Calcium		114	mg/L	1.0	78	70	130	1.1	20	
Magnesium		48.4	mg/L	1.0	87	70	130	1.8	20	
Sodium		74.4	mg/L	1.0	86	70	130	0.6	20	
Sample ID: C09060141-018BMS	3	Sample Matrix Spike				Run: ICP3-C_090615A				06/15/09 17:38
Calcium		119	mg/L	1.0	124	70	130			
Magnesium		63.9	mg/L	1.0	120	70	130			
Sodium		92.8	mg/L	1.0	121	70	130			
Sample ID: C09060141-018BMSD	3	Sample Matrix Spike Duplicate				Run: ICP3-C_090615A				06/15/09 17:44
Calcium		112	mg/L	1.0	111	70	130	5.4	20	
Magnesium		62.1	mg/L	1.0	116	70	130	2.9	20	
Sodium		89.4	mg/L	1.0	114	70	130	3.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119716
Sample ID: MB-090616A	2	Method Blank				Run: ICP2-C_090616A				06/16/09 12:33
Iron		ND	mg/L	0.005						
Manganese		ND	mg/L	0.001						
Sample ID: LFB-090616A	2	Laboratory Fortified Blank				Run: ICP2-C_090616A				06/16/09 12:37
Iron		1.01	mg/L	0.030	101	85	115			
Manganese		0.973	mg/L	0.010	97	85	115			
Sample ID: C09060141-006CMS2	2	Sample Matrix Spike				Run: ICP2-C_090616A				06/16/09 23:38
Iron		2.00	mg/L	0.067	98	70	130			
Manganese		2.08	mg/L	0.014	96	70	130			
Sample ID: C09060141-006CMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A				06/16/09 23:42
Iron		2.00	mg/L	0.067	98	70	130	0.1	20	
Manganese		2.06	mg/L	0.014	95	70	130	0.8	20	
Sample ID: C09060141-016CMS2	2	Sample Matrix Spike				Run: ICP2-C_090616A				06/17/09 09:45
Iron		2.00	mg/L	0.067	98	70	130			
Manganese		2.03	mg/L	0.014	99	70	130			
Sample ID: C09060141-016CMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090616A				06/17/09 09:49
Iron		1.98	mg/L	0.067	97	70	130	0.7	20	
Manganese		2.03	mg/L	0.014	99	70	130	0.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119793	
Sample ID: MB-090618A	4	Method Blank				Run: ICP2-C_090618A			06/18/09 12:40	
Aluminum		ND	mg/L	0.03						
Boron		ND	mg/L	0.03						
Iron		ND	mg/L	0.005						
Silicon		0.2	mg/L	0.01						
Sample ID: LFB-090618A	4	Laboratory Fortified Blank				Run: ICP2-C_090618A			06/18/09 12:44	
Aluminum		1.02	mg/L	0.10	102	85	115			
Boron		1.06	mg/L	0.10	106	85	115			
Iron		1.000	mg/L	0.030	100	85	115			
Silicon		0.537	mg/L	0.015	95	85	115			
Sample ID: C09060141-001BMS2	4	Sample Matrix Spike				Run: ICP2-C_090618A			06/18/09 17:05	
Aluminum		1.97	mg/L	0.10	96	70	130			
Boron		2.13	mg/L	0.10	104	70	130			
Iron		2.05	mg/L	0.030	101	70	130			
Silicon		8.89	mg/L	0.10		70	130			A
Sample ID: C09060141-001BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090618A			06/18/09 17:09	
Aluminum		2.11	mg/L	0.10	104	70	130	7.2	20	
Boron		2.18	mg/L	0.10	107	70	130	2.6	20	
Iron		2.04	mg/L	0.030	100	70	130	0.6	20	
Silicon		8.95	mg/L	0.10		70	130	0.7	20	A
Sample ID: C09060141-011BMS2	4	Sample Matrix Spike				Run: ICP2-C_090618A			06/18/09 18:46	
Aluminum		2.05	mg/L	0.10	100	70	130			
Boron		2.29	mg/L	0.10	112	70	130			
Iron		2.07	mg/L	0.030	102	70	130			
Silicon		7.75	mg/L	0.10		70	130			A
Sample ID: C09060141-011BMSD	4	Sample Matrix Spike Duplicate				Run: ICP2-C_090618A			06/18/09 18:50	
Aluminum		2.04	mg/L	0.10	100	70	130	0.6	20	
Boron		2.21	mg/L	0.10	108	70	130	3.8	20	
Iron		2.01	mg/L	0.030	98	70	130	3.3	20	
Silicon		7.55	mg/L	0.10		70	130	2.7	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119190
Sample ID: LRB	15	Method Blank				Run: ICPMS2-C_090605A				06/05/09 13:13
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		ND	mg/L	8E-05						
Copper		ND	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.0006	mg/L	6E-05						
Sample ID: LFB	15	Laboratory Fortified Blank				Run: ICPMS2-C_090605A				06/05/09 13:20
Aluminum		0.0544	mg/L	0.0022	109	85	115			
Arsenic		0.0526	mg/L	0.0010	105	85	115			
Barium		0.0512	mg/L	0.0010	102	85	115			
Cadmium		0.0522	mg/L	0.0010	104	85	115			
Chromium		0.0504	mg/L	0.0010	101	85	115			
Copper		0.0499	mg/L	0.0010	100	85	115			
Lead		0.0519	mg/L	0.0010	104	85	115			
Manganese		0.0506	mg/L	0.0010	101	85	115			
Mercury		0.00540	mg/L	0.0010	108	85	115			
Molybdenum		0.0535	mg/L	0.0010	107	85	115			
Nickel		0.0504	mg/L	0.0010	101	85	115			
Selenium		0.0526	mg/L	0.0014	105	85	115			
Uranium		0.0537	mg/L	0.00030	107	85	115			
Vanadium		0.0509	mg/L	0.0010	102	85	115			
Zinc		0.0541	mg/L	0.0010	107	85	115			
Sample ID: MB-22593	15	Method Blank				Run: ICPMS2-C_090605A				06/05/09 14:06
Aluminum		ND	mg/L	0.0001						
Arsenic		ND	mg/L	6E-05						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	1E-05						
Chromium		0.0002	mg/L	4E-05						
Copper		ND	mg/L	7E-05						
Lead		ND	mg/L	3E-05						
Manganese		ND	mg/L	5E-05						
Mercury		0.00010	mg/L	8E-05						
Molybdenum		5E-05	mg/L	5E-05						

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R119190	
Sample ID: MB-22593	15	Method Blank				Run: ICPMS2-C_090605A			06/05/09 14:06	
Nickel		ND	mg/L	0.0007						
Selenium		ND	mg/L	0.0002						
Uranium		3E-05	mg/L	1E-05						
Vanadium		0.0001	mg/L	3E-05						
Zinc		0.008	mg/L	0.0003						
Sample ID: C09060141-010BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090605A			06/05/09 16:28	
Aluminum		0.0577	mg/L	0.10	105	70	130			
Arsenic		0.0598	mg/L	0.0010	110	70	130			
Barium		0.0715	mg/L	0.10	106	70	130			
Cadmium		0.0533	mg/L	0.010	107	70	130			
Chromium		0.0492	mg/L	0.050	98	70	130			
Copper		0.0492	mg/L	0.010	98	70	130			
Lead		0.0528	mg/L	0.050	105	70	130			
Manganese		0.0570	mg/L	0.010	103	70	130			
Mercury		0.00561	mg/L	0.0010	112	70	130			
Molybdenum		0.0556	mg/L	0.10	109	70	130			
Nickel		0.0499	mg/L	0.050	98	70	130			
Selenium		0.0558	mg/L	0.0010	111	70	130			
Uranium		0.338	mg/L	0.00030		70	130			A
Vanadium		0.0503	mg/L	0.10	100	70	130			
Zinc		0.0598	mg/L	0.010	105	70	130			
Sample ID: C09060141-010BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090605A			06/05/09 16:35	
Aluminum		0.0534	mg/L	0.0010	96	70	130	7.7	20	
Arsenic		0.0585	mg/L	0.0010	107	70	130	2.1	20	
Barium		0.0706	mg/L	0.0010	104	70	130	1.3	20	
Cadmium		0.0525	mg/L	0.010	105	70	130	1.7	20	
Chromium		0.0481	mg/L	0.0010	96	70	130	2.2	20	
Copper		0.0481	mg/L	0.010	96	70	130	2.2	20	
Lead		0.0518	mg/L	0.050	103	70	130	2	20	
Manganese		0.0560	mg/L	0.010	101	70	130	1.9	20	
Mercury		0.00554	mg/L	0.0010	111	70	130	1.3	20	
Molybdenum		0.0547	mg/L	0.0010	107	70	130	1.6	20	
Nickel		0.0488	mg/L	0.0010	96	70	130	2.1	20	
Selenium		0.0542	mg/L	0.0010	107	70	130	3	20	
Uranium		0.333	mg/L	0.00030		70	130	1.7	20	A
Vanadium		0.0490	mg/L	0.0010	98	70	130	2.5	20	
Zinc		0.0578	mg/L	0.010	101	70	130	3.4	20	
Sample ID: C09060141-020BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090605A			06/06/09 01:15	
Aluminum		0.0444	mg/L	0.0010	89	70	130			
Arsenic		0.0500	mg/L	0.0010	100	70	130			
Barium		0.0510	mg/L	0.0010	100	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119190
Sample ID: C09060141-020BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090605A			06/06/09 01:15	
Cadmium		0.0498	mg/L	0.010	100	70	130			
Chromium		0.0464	mg/L	0.0010	93	70	130			
Copper		0.0461	mg/L	0.010	92	70	130			
Lead		0.0483	mg/L	0.0010	97	70	130			
Manganese		0.0474	mg/L	0.010	93	70	130			
Mercury		0.00502	mg/L	0.0010	100	70	130			
Molybdenum		0.0503	mg/L	0.0010	101	70	130			
Nickel		0.0465	mg/L	0.0010	93	70	130			
Selenium		0.0504	mg/L	0.0010	101	70	130			
Uranium		0.0512	mg/L	0.00030	102	70	130			
Vanadium		0.0472	mg/L	0.0010	94	70	130			
Zinc		0.0517	mg/L	0.010	96	70	130			
Sample ID: C09060141-020BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090605A			06/06/09 01:21	
Aluminum		0.0467	mg/L	0.0010	93	70	130	5	20	
Arsenic		0.0505	mg/L	0.0010	101	70	130	0.9	20	
Barium		0.0508	mg/L	0.0010	100	70	130	0.2	20	
Cadmium		0.0498	mg/L	0.010	100	70	130	0	20	
Chromium		0.0469	mg/L	0.0010	94	70	130	1.1	20	
Copper		0.0468	mg/L	0.010	94	70	130	1.5	20	
Lead		0.0483	mg/L	0.0010	97	70	130	0.2	20	
Manganese		0.0479	mg/L	0.010	94	70	130	1.1	20	
Mercury		0.00507	mg/L	0.0010	101	70	130	1.1	20	
Molybdenum		0.0505	mg/L	0.0010	101	70	130	0.3	20	
Nickel		0.0471	mg/L	0.0010	94	70	130	1.2	20	
Selenium		0.0511	mg/L	0.0010	102	70	130	1.5	20	
Uranium		0.0512	mg/L	0.00030	102	70	130	0.1	20	
Vanadium		0.0476	mg/L	0.0010	95	70	130	0.9	20	
Zinc		0.0523	mg/L	0.010	97	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0679
Sample ID: MB-GrAB-0679	6	Method Blank				Run: G5000W_090619B				06/23/09 21:07
Gross Alpha		-0.6	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-1.0	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0679		Laboratory Control Sample				Run: G5000W_090619B				06/23/09 21:07
Gross Alpha		150	pCi/L		108	70	130			
Sample ID: Cs137-GrAB-0679		Laboratory Control Sample				Run: G5000W_090619B				06/23/09 21:07
Gross Beta		86	pCi/L		94	70	130			
Sample ID: C09060055-022DMS		Sample Matrix Spike				Run: G5000W_090619B				06/24/09 09:16
Gross Alpha		147	pCi/L		107	70	130			
Sample ID: C09060055-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090619B				06/24/09 09:16
Gross Alpha		140	pCi/L		102	70	130	4.9	15.8	
Sample ID: C09060055-022DMS		Sample Matrix Spike				Run: G5000W_090619B				06/24/09 09:16
Gross Beta		88.1	pCi/L		96	70	130			
Sample ID: C09060055-022DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090619B				06/24/09 09:16
Gross Beta		87.3	pCi/L		95	70	130	0.8	16.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0									Batch: GrAB-0680	
Sample ID: MB-GrAB-0680	6	Method Blank				Run: G5000W_090622B			06/24/09 23:04	
Gross Alpha		-0.6	pCi/L							U
Gross Alpha precision (±)		0.5	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-0.9	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0680		Laboratory Control Sample				Run: G5000W_090622B			06/24/09 23:04	
Gross Alpha		140	pCi/L		105	70	130			
Sample ID: Cs137-GrAB-0680		Laboratory Control Sample				Run: G5000W_090622B			06/24/09 23:04	
Gross Beta		97	pCi/L		106	70	130			
Sample ID: C09060141-009DDUP	6	Sample Duplicate				Run: G5000W_090622B			06/24/09 23:04	
Gross Alpha		345	pCi/L					11	14.6	
Gross Alpha precision (±)		8.14	pCi/L							
Gross Alpha MDC		1.65	pCi/L							
Gross Beta		94.4	pCi/L					2.4	16	
Gross Beta precision (±)		2.86	pCi/L							
Gross Beta MDC		2.66	pCi/L							
Sample ID: C09060141-020DMS		Sample Matrix Spike				Run: G5000W_090622B			06/25/09 11:17	
Gross Alpha		151	pCi/L		110	70	130			
Sample ID: C09060141-020DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090622B			06/25/09 11:17	
Gross Alpha		137	pCi/L		100	70	130	9.5	15.7	
Sample ID: C09060141-020DMS		Sample Matrix Spike				Run: G5000W_090622B			06/25/09 11:17	
Gross Beta		97.6	pCi/L		108	70	130			
Sample ID: C09060141-020DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090622B			06/25/09 11:17	
Gross Beta		89.3	pCi/L		99	70	130	8.9	15.9	
Method: E903.0									Batch: RA226-3721	
Sample ID: C09060141-001DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090607A			06/16/09 16:27	
Radium 226		19	pCi/L		111	70	130			
Sample ID: C09060141-001DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090607A			06/16/09 16:27	
Radium 226		17	pCi/L		102	70	130	8	24.1	
Sample ID: MB-RA226-3721	3	Method Blank				Run: BERTHOLD 770-1_090607A			06/16/09 22:40	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3721		Laboratory Control Sample				Run: BERTHOLD 770-1_090607A			06/16/09 22:40	
Radium 226		7.2	pCi/L		93	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3722
Sample ID: C09060141-005DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090607A			06/16/09 13:47	
Radium 226		17	pCi/L		98	70	130			
Sample ID: C09060141-005DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090607A			06/16/09 13:47	
Radium 226		16	pCi/L		90	70	130	7	25.4	
Sample ID: MB-RA226-3722	3	Method Blank				Run: BERTHOLD 770-2_090607A			06/16/09 16:22	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3722		Laboratory Control Sample				Run: BERTHOLD 770-2_090607A			06/16/09 16:22	
Radium 226		6.4	pCi/L		83	70	130			
Method: E903.0										Batch: RA226-3723
Sample ID: C09060141-014DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090607C			06/19/09 13:14	
Radium 226		130	pCi/L		116	70	130			
Sample ID: C09060141-014DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090607C			06/19/09 13:14	
Radium 226		130	pCi/L		111	70	130	0.6	15.1	
Sample ID: MB-RA226-3723	3	Method Blank				Run: BERTHOLD 770-2_090607C			06/19/09 14:56	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3723		Laboratory Control Sample				Run: BERTHOLD 770-2_090607C			06/19/09 14:56	
Radium 226		7.5	pCi/L		97	70	130			
Method: E903.0										Batch: RA226-3724
Sample ID: C09060141-016DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090607D			06/30/09 11:31	
Radium 226		150	pCi/L		201	70	130			S
- Sample response is much larger than spike amount, therefore small variances in the sample adversely affected the recovery. The LCS and the RPD of the MS/MSD pair meets acceptance criteria; this batch is approved.										
Sample ID: C09060141-016DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090607D			06/30/09 11:31	
Radium 226		150	pCi/L		165	70	130	3.8	13.7	S
Sample ID: MB-RA226-3724	3	Method Blank				Run: BERTHOLD 770-2_090607D			06/30/09 13:50	
Radium 226		-0.10	pCi/L							U
Radium 226 precision (±)		0.06	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-3724		Laboratory Control Sample				Run: BERTHOLD 770-2_090607D			06/30/09 13:50	
Radium 226		7.6	pCi/L		98	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA228-2698	
Sample ID: LCS-228-RA226-3721		Laboratory Control Sample				Run: TENNELEC-3_090607B			06/11/09 12:14	
Radium 228		7.69	pCi/L		90	70	130			
Sample ID: MB-RA226-3721	3	Method Blank				Run: TENNELEC-3_090607B			06/11/09 12:14	
Radium 228		-0.06	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060141-002DMS		Sample Matrix Spike				Run: TENNELEC-3_090607B			06/11/09 12:14	
Radium 228		18.4	pCi/L		101	70	130			
Sample ID: C09060141-002DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090607B			06/11/09 12:14	
Radium 228		17.2	pCi/L		94	70	130	6.3	35.8	
Method: RA-05									Batch: RA228-2699	
Sample ID: LCS-228-RA226-3722		Laboratory Control Sample				Run: TENNELEC-3_090607A			06/11/09 14:26	
Radium 228		8.00	pCi/L		102	70	130			
Sample ID: MB-RA226-3722	3	Method Blank				Run: TENNELEC-3_090607A			06/11/09 14:26	
Radium 228		-0.9	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060141-006DMS		Sample Matrix Spike				Run: TENNELEC-3_090607A			06/11/09 14:26	
Radium 228		16.8	pCi/L		91	70	130			
Sample ID: C09060141-006DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090607A			06/11/09 14:26	
Radium 228		17.9	pCi/L		98	70	130	6.8	34	
Method: RA-05									Batch: RA228-2700	
Sample ID: LCS-228-RA226-3723		Laboratory Control Sample				Run: TENNELEC-3_090607C			06/15/09 11:16	
Radium 228		6.46	pCi/L		78	70	130			
Sample ID: MB-RA226-3723	3	Method Blank				Run: TENNELEC-3_090607C			06/15/09 11:16	
Radium 228		-0.3	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060141-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090607C			06/15/09 11:16	
Radium 228		15.4	pCi/L		88	70	130			
Sample ID: C09060141-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090607C			06/15/09 11:16	
Radium 228		13.9	pCi/L		79	70	130	10	37.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/07/09
Work Order: C09060141

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2701
Sample ID: LCS-228-RA226-3724		Laboratory Control Sample				Run: TENNELEC-3_090607D				06/15/09 13:20
Radium 228		8.50	pCi/L		103	70	130			
Sample ID: MB-RA226-3724	3	Method Blank				Run: TENNELEC-3_090607D				06/15/09 13:20
Radium 228		-0.3	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060141-017DMS		Sample Matrix Spike				Run: TENNELEC-3_090607D				06/15/09 13:20
Radium 228		17.8	pCi/L		80	70	130			
Sample ID: C09060141-017DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090607D				06/15/09 13:20
Radium 228		20.4	pCi/L		96	70	130	14	34.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: john.cash@ur-energyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): —
Receipt Temp 3 °C
On Ice: Yes No ✓
Custody Seal Y N ✓
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	M-119 #23	6-2-09		W 2gal													
2	M-122 #24																
3	M-123 #25																
4	M-124 #26																
5	M-125 #27																
6	M-126 #28																
7	M-127 #29																
8	M-128 #30																
9	MO-110 #31																C09060141
10	MP-110 #32																

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hourt	6-2-09 17:00	[signature]	[signature]	6-3-09. 8:30.	[signature]
[signature]	6-3-09. 9:30	[signature]			
Sample Disposal: Return to Client: _____ Lab Disposal: _____			Received by Laboratory: [signature]	6/3/09 9:30	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☒
Report Mail Address: 5888 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Guideline 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Coded ID(s): —
Receipt Temp 3 °C
On Ice: Yes (No)
Custody Seal Y (N)
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Guideline 8											
1	M-131 33	6-2-09		W 2gal												
2	MU-110 34															
3	MO-111 35															
4	MU-111 36															
5	MO-112 37															
6	MP-112 38															
7	MU-112 39															C090601-41
8	MO-113 40															
9	MU-113 41															
10	M-132 42															

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hart	6-2-09 17:00		Jay Dot	6-3-09 8:30	
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Jay Dot	6-3-09 9:30				
			Received by Laboratory:	Date/Time:	Signature:
			CMCAK	6/3/09 9:30	

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09060141

UR Energy USA Inc

Login completed by: Corinne Wagner

Reviewed by:

Reviewed Date:

Date and Time Received: 6/3/2009 9:30 AM

Received by: em

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	3°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for dissolved metals/hardness were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09060141

Date: 07-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-001
Client Sample ID: MO-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	124	mg/L		1		A2320 B	06/09/09 20:36 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 20:36 / ljl
Bicarbonate as HCO3	151	mg/L		1		A2320 B	06/09/09 20:36 / ljl
Calcium	91	mg/L		1		E200.7	06/16/09 15:12 / aae
Chloride	9	mg/L		1		E300.0	06/11/09 13:31 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 17:35 / ljl
Magnesium	5	mg/L		1		E200.7	06/16/09 15:12 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:22 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.84	mg/L		0.05		E353.2	06/08/09 12:49 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 15:12 / aae
Silica	15.5	mg/L		0.2		E200.7	06/19/09 16:19 / cp
Sodium	35	mg/L		1		E200.7	06/16/09 15:12 / aae
Sulfate	177	mg/L		1		E300.0	06/11/09 13:31 / ljl
PHYSICAL PROPERTIES							
Conductivity	616	umhos/cm		1		A2510 B	06/05/09 09:58 / dd
pH	7.73	s.u.		0.01		A4500-H B	06/05/09 09:58 / dd
Solids, Total Dissolved TDS @ 180 C	413	mg/L		10		A2540 C	06/08/09 08:57 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 13:49 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 13:49 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 13:49 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:19 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 13:49 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 13:49 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 13:49 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:19 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 13:49 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 13:49 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 13:49 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 13:49 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 13:49 / ts
Selenium	0.047	mg/L		0.001		E200.8	06/09/09 13:49 / ts
Uranium	0.899	mg/L		0.0003		E200.8	06/09/09 13:49 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 13:49 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 13:49 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 01:09 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:09 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-001
Client Sample ID: MO-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	717	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	11.9	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	255	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	4.6	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	3.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	2.4	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	0.36	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	3.8	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	0.234	%				Calculation	06/19/09 07:41 / kbh
Anions	6.50	meq/L				Calculation	06/19/09 07:41 / kbh
Cations	6.53	meq/L				Calculation	06/19/09 07:41 / kbh
Solids, Total Dissolved Calculated	398	mg/L				Calculation	06/19/09 07:41 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/19/09 07:41 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-002
Client Sample ID: MP-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	06/09/09 20:58 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 20:58 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	06/09/09 20:58 / ljl
Calcium	83	mg/L		1		E200.7	06/16/09 15:17 / aae
Chloride	9	mg/L		1		E300.0	06/11/09 13:46 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 17:42 / ljl
Magnesium	4	mg/L		1		E200.7	06/16/09 15:17 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:28 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:50 / eli-b
Potassium	4	mg/L		1		E200.7	06/16/09 15:17 / aae
Silica	15.1	mg/L		0.2		E200.7	06/19/09 16:23 / cp
Sodium	36	mg/L		1		E200.7	06/16/09 15:17 / aae
Sulfate	182	mg/L		1		E300.0	06/11/09 13:46 / ljl
PHYSICAL PROPERTIES							
Conductivity	604	umhos/cm		1		A2510 B	06/05/09 09:59 / dd
pH	8.33	s.u.		0.01		A4500-H B	06/05/09 09:59 / dd
Solids, Total Dissolved TDS @ 180 C	415	mg/L		10		A2540 C	06/08/09 08:57 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 13:56 / ts
Arsenic	0.006	mg/L		0.001		E200.8	06/09/09 13:56 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 13:56 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:23 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 13:56 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 13:56 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 13:56 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:23 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 13:56 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 13:56 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 13:56 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 13:56 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 13:56 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 13:56 / ts
Uranium	0.200	mg/L		0.0003		E200.8	06/09/09 13:56 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 13:56 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 13:56 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 01:13 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:13 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-002
Client Sample ID: MP-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	836	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	12.5	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	219	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	323	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	3.8	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	7.0	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.694	%				Calculation	06/19/09 07:42 / kbh
Anions	6.21	meq/L				Calculation	06/19/09 07:42 / kbh
Cations	6.13	meq/L				Calculation	06/19/09 07:42 / kbh
Solids, Total Dissolved Calculated	383	mg/L				Calculation	06/19/09 07:42 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/19/09 07:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-003
Client Sample ID: MU-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	91	mg/L		1		A2320 B	06/09/09 21:06 / ljl
Carbonate as CO3	3	mg/L		1		A2320 B	06/09/09 21:06 / ljl
Bicarbonate as HCO3	106	mg/L		1		A2320 B	06/09/09 21:06 / ljl
Calcium	66	mg/L		1		E200.7	06/16/09 15:34 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 14:02 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 17:44 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 15:34 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:30 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:51 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 15:34 / aae
Silica	15.1	mg/L		0.2		E200.7	06/19/09 16:39 / cp
Sodium	35	mg/L		1		E200.7	06/16/09 15:34 / aae
Sulfate	149	mg/L		1		E300.0	06/11/09 14:02 / ljl
PHYSICAL PROPERTIES							
Conductivity	502	umhos/cm		1		A2510 B	06/05/09 10:01 / dd
pH	8.49	s.u.		0.01		A4500-H B	06/05/09 10:01 / dd
Solids, Total Dissolved TDS @ 180 C	337	mg/L		10		A2540 C	06/08/09 08:57 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 14:02 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 14:02 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 14:02 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:39 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 14:02 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 14:02 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 14:02 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:39 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 14:02 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 14:02 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 14:02 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 14:02 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 14:02 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 14:02 / ts
Uranium	0.0667	mg/L		0.0003		E200.8	06/09/09 14:02 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 14:02 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 14:02 / ts
METALS - TOTAL							
Iron	0.17	mg/L		0.03		E200.7	06/20/09 01:17 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:17 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-003
Client Sample ID: MU-104

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	257	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	6.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	87.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	2.9	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	86	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	2.1	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.25	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	6.4	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	0.423	%				Calculation	06/19/09 07:42 / kbh
Anions	5.09	meq/L				Calculation	06/19/09 07:42 / kbh
Cations	5.14	meq/L				Calculation	06/19/09 07:42 / kbh
Solids, Total Dissolved Calculated	316	mg/L				Calculation	06/19/09 07:42 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 07:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-004
Client Sample ID: MO-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	86	mg/L		1		A2320 B	06/09/09 21:37 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 21:37 / ljl
Bicarbonate as HCO3	105	mg/L		1		A2320 B	06/09/09 21:37 / ljl
Calcium	49	mg/L		1		E200.7	06/16/09 15:39 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 14:48 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 17:47 / ljl
Magnesium	2	mg/L		1		E200.7	06/16/09 15:39 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:31 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.15	mg/L		0.05		E353.2	06/08/09 12:45 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 15:39 / aae
Silica	14.1	mg/L		0.2		E200.7	06/19/09 16:43 / cp
Sodium	31	mg/L		1		E200.7	06/16/09 15:39 / aae
Sulfate	116	mg/L		1		E300.0	06/11/09 14:48 / ljl
PHYSICAL PROPERTIES							
Conductivity	428	umhos/cm		1		A2510 B	06/05/09 10:04 / dd
pH	8.25	s.u.		0.01		A4500-H B	06/05/09 10:04 / dd
Solids, Total Dissolved TDS @ 180 C	276	mg/L		10		A2540 C	06/08/09 08:58 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 14:36 / ts
Arsenic	0.003	mg/L		0.001		E200.8	06/09/09 14:36 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 14:36 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:43 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 14:36 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 14:36 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 14:36 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:43 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 14:36 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 14:36 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 14:36 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 14:36 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 14:36 / ts
Selenium	0.037	mg/L		0.001		E200.8	06/09/09 14:36 / ts
Uranium	0.359	mg/L		0.0003		E200.8	06/09/09 14:36 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 14:36 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 14:36 / ts
METALS - TOTAL							
Iron	0.08	mg/L		0.03		E200.7	06/20/09 01:21 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:21 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-004
Client Sample ID: MO-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	378	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	7.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	122	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	4.9	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	0.50	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	3.0	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.36	%				Calculation	06/19/09 07:42 / kbh
Anions	4.30	meq/L				Calculation	06/19/09 07:42 / kbh
Cations	4.02	meq/L				Calculation	06/19/09 07:42 / kbh
Solids, Total Dissolved Calculated	258	mg/L				Calculation	06/19/09 07:42 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 07:42 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-005
Client Sample ID: MP-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	106	mg/L		1		A2320 B	06/09/09 21:44 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 21:44 / ljl
Bicarbonate as HCO3	130	mg/L		1		A2320 B	06/09/09 21:44 / ljl
Calcium	57	mg/L		1		E200.7	06/16/09 15:45 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 15:04 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 17:56 / ljl
Magnesium	2	mg/L		1		E200.7	06/16/09 15:45 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:32 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:52 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 15:45 / aae
Silica	15.5	mg/L		0.2		E200.7	06/19/09 16:47 / cp
Sodium	30	mg/L		1		E200.7	06/16/09 15:45 / aae
Sulfate	114	mg/L		1		E300.0	06/11/09 15:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	453	umhos/cm		1		A2510 B	06/05/09 10:06 / dd
pH	7.91	s.u.		0.01		A4500-H B	06/05/09 10:06 / dd
Solids, Total Dissolved TDS @ 180 C	275	mg/L		10		A2540 C	06/08/09 08:59 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 14:43 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 14:43 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 14:43 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:47 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 14:43 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 14:43 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 14:43 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:47 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 14:43 / ts
Manganese	0.01	mg/L		0.01		E200.8	06/09/09 14:43 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 14:43 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 14:43 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 14:43 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 14:43 / ts
Uranium	0.0072	mg/L		0.0003		E200.8	06/09/09 14:43 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 14:43 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 14:43 / ts
METALS - TOTAL							
Iron	0.05	mg/L		0.03		E200.7	06/20/09 01:33 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:33 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-005
Client Sample ID: MP-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	24.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	2.2	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	12.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	7.0	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	0.59	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	5.5	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.1	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.92	%				Calculation	06/19/09 07:43 / kbh
Anions	4.64	meq/L				Calculation	06/19/09 07:43 / kbh
Cations	4.38	meq/L				Calculation	06/19/09 07:43 / kbh
Solids, Total Dissolved Calculated	274	mg/L				Calculation	06/19/09 07:43 / kbh
TDS Balance (0.80 - 1.20)	1.00					Calculation	06/19/09 07:43 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-006
Client Sample ID: MU-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	117	mg/L		1		A2320 B	06/09/09 21:52 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	06/09/09 21:52 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	06/09/09 21:52 / ljl
Calcium	62	mg/L		1		E200.7	06/16/09 16:08 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 15:19 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 17:59 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:08 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:33 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:53 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 16:08 / aae
Silica	15.8	mg/L		0.2		E200.7	06/19/09 16:51 / cp
Sodium	31	mg/L		1		E200.7	06/16/09 16:08 / aae
Sulfate	122	mg/L		1		E300.0	06/11/09 15:19 / ljl
PHYSICAL PROPERTIES							
Conductivity	485	umhos/cm		1		A2510 B	06/05/09 10:08 / dd
pH	8.37	s.u.		0.01		A4500-H B	06/05/09 10:08 / dd
Solids, Total Dissolved TDS @ 180 C	318	mg/L		10		A2540 C	06/08/09 08:59 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 14:50 / ts
Arsenic	0.002	mg/L		0.001		E200.8	06/09/09 14:50 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 14:50 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:51 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 14:50 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 14:50 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 14:50 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:51 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 14:50 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 14:50 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 14:50 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 14:50 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 14:50 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 14:50 / ts
Uranium	0.0701	mg/L		0.0003		E200.8	06/09/09 14:50 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 14:50 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 14:50 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 01:41 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:41 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-006
Client Sample ID: MU-106

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	521	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	202	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	4.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	297	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 precision (±)	3.9	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	06/20/09 22:25 / jah
Radium 228	5.7	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1.2	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.6	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.98	%				Calculation	06/19/09 07:45 / kbh
Anions	5.03	meq/L				Calculation	06/19/09 07:45 / kbh
Cations	4.74	meq/L				Calculation	06/19/09 07:45 / kbh
Solids, Total Dissolved Calculated	296	mg/L				Calculation	06/19/09 07:45 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 07:45 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-007
Client Sample ID: MO-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	104	mg/L		1		A2320 B	06/09/09 21:59 / ijl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 21:59 / ijl
Bicarbonate as HCO3	127	mg/L		1		A2320 B	06/09/09 21:59 / ijl
Calcium	57	mg/L		1		E200.7	06/16/09 16:13 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 15:34 / ijl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 18:01 / ijl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:13 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:37 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.08	mg/L		0.05		E353.2	06/08/09 12:54 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:13 / aae
Silica	14.3	mg/L		0.2		E200.7	06/19/09 16:55 / cp
Sodium	33	mg/L		1		E200.7	06/16/09 16:13 / aae
Sulfate	116	mg/L		1		E300.0	06/11/09 15:34 / ijl
PHYSICAL PROPERTIES							
Conductivity	456	umhos/cm		1		A2510 B	06/05/09 10:10 / dd
pH	7.93	s.u.		0.01		A4500-H B	06/05/09 10:10 / dd
Solids, Total Dissolved TDS @ 180 C	300	mg/L		10		A2540 C	06/08/09 09:00 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 15:10 / ts
Arsenic	0.002	mg/L		0.001		E200.8	06/09/09 15:10 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 15:10 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 16:55 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 15:10 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 15:10 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 15:10 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 16:55 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 15:10 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 15:10 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 15:10 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 15:10 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 15:10 / ts
Selenium	0.022	mg/L		0.001		E200.8	06/09/09 15:10 / ts
Uranium	0.419	mg/L		0.0003		E200.8	06/09/09 15:10 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 15:10 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 15:10 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 01:46 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 01:46 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-007
Client Sample ID: MO-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	408	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	8.1	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	98.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	5.1	pCi/L				E903.0	06/20/09 23:58 / jah
Radium 226 precision (±)	0.50	pCi/L				E903.0	06/20/09 23:58 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/20/09 23:58 / jah
Radium 228	2.0	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/16/09 09:36 / plj
Radium 228 MDC	1.5	pCi/L				RA-05	06/16/09 09:36 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.834	%				Calculation	06/19/09 07:45 / kbh
Anions	4.64	meq/L				Calculation	06/19/09 07:45 / kbh
Cations	4.56	meq/L				Calculation	06/19/09 07:45 / kbh
Solids, Total Dissolved Calculated	278	mg/L				Calculation	06/19/09 07:45 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/19/09 07:45 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-008
Client Sample ID: MP-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	122	mg/L		1		A2320 B	06/09/09 22:06 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:06 / ljl
Bicarbonate as HCO3	149	mg/L		1		A2320 B	06/09/09 22:06 / ljl
Calcium	40	mg/L		1		E200.7	06/19/09 17:07 / cp
Chloride	6	mg/L		1		E300.0	06/27/09 16:29 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 18:05 / ljl
Magnesium	2	mg/L		1		E200.7	06/19/09 17:07 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:40 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.05	mg/L		0.05		E353.2	06/08/09 12:56 / eli-b
Potassium	2	mg/L		1		E200.7	06/19/09 17:07 / cp
Silica	14.7	mg/L		0.2		E200.7	06/19/09 17:07 / cp
Sodium	57	mg/L		1		E200.7	06/19/09 17:07 / cp
Sulfate	131	mg/L		1		E300.0	06/27/09 16:29 / ljl
PHYSICAL PROPERTIES							
Conductivity	523	umhos/cm		1		A2510 B	06/05/09 10:13 / dd
pH	7.99	s.u.		0.01		A4500-H B	06/05/09 10:13 / dd
Solids, Total Dissolved TDS @ 180 C	355	mg/L		10		A2540 C	06/08/09 09:01 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 15:17 / ts
Arsenic	0.004	mg/L		0.001		E200.8	06/09/09 15:17 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 15:17 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 17:07 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 15:17 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 15:17 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 15:17 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 17:07 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 15:17 / ts
Manganese	0.04	mg/L		0.01		E200.8	06/09/09 15:17 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 15:17 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 15:17 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 15:17 / ts
Selenium	0.013	mg/L		0.001		E200.8	06/09/09 15:17 / ts
Uranium	0.0993	mg/L		0.0003		E200.8	06/09/09 15:17 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 15:17 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 15:17 / ts
METALS - TOTAL							
Iron	0.63	mg/L		0.03		E200.7	06/20/09 02:02 / cp
Manganese	0.07	mg/L		0.01		E200.7	06/20/09 02:02 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-008
Client Sample ID: MP-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	162	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	5.3	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.5	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	36.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	2.3	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	3.5	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 precision (±)	0.41	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 228	0.3	pCi/L	U			RA-05	06/12/09 10:58 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/12/09 10:58 / plj
DATA QUALITY							
A/C Balance (± 5)	-6.91	%				Calculation	06/29/09 11:52 / kbh
Anions	5.33	meq/L				Calculation	06/29/09 11:52 / kbh
Cations	4.64	meq/L				Calculation	06/29/09 11:52 / kbh
Solids, Total Dissolved Calculated	328	mg/L				Calculation	06/29/09 11:52 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/29/09 11:52 / kbh

- The Anion / Cation balance was confirmed by re-analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-009
Client Sample ID: MU-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	97	mg/L		1		A2320 B	06/09/09 22:14 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:14 / ljl
Bicarbonate as HCO3	118	mg/L		1		A2320 B	06/09/09 22:14 / ljl
Calcium	53	mg/L		1		E200.7	06/16/09 16:30 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 16:05 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 18:08 / ljl
Magnesium	2	mg/L		1		E200.7	06/16/09 16:30 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:41 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:57 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 16:30 / aae
Silica	15.7	mg/L		0.2		E200.7	06/19/09 18:04 / cp
Sodium	33	mg/L		1		E200.7	06/16/09 16:30 / aae
Sulfate	119	mg/L		1		E300.0	06/11/09 16:05 / ljl
PHYSICAL PROPERTIES							
Conductivity	447	umhos/cm		1		A2510 B	06/05/09 10:16 / dd
pH	8.07	s.u.		0.01		A4500-H B	06/05/09 10:16 / dd
Solids, Total Dissolved TDS @ 180 C	286	mg/L		10		A2540 C	06/08/09 09:01 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 15:24 / ts
Arsenic	0.003	mg/L		0.001		E200.8	06/09/09 15:24 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 15:24 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:04 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 15:24 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 15:24 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 15:24 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:04 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 15:24 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 15:24 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 15:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 15:24 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 15:24 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 15:24 / ts
Uranium	0.0157	mg/L		0.0003		E200.8	06/09/09 15:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 15:24 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 15:24 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:06 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:06 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-009
Client Sample ID: MU-107

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	47.1	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	18.9	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	9.6	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 226 precision (±)	0.61	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 228	5.0	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/16/09 14:42 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.98	%				Calculation	06/19/09 07:47 / kbh
Anions	4.56	meq/L				Calculation	06/19/09 07:47 / kbh
Cations	4.38	meq/L				Calculation	06/19/09 07:47 / kbh
Solids, Total Dissolved Calculated	274	mg/L				Calculation	06/19/09 07:47 / kbh
TDS Balance (0.80 - 1.20)	1.04					Calculation	06/19/09 07:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-010
Client Sample ID: M-133

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	94	mg/L		1		A2320 B	06/09/09 22:20 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:20 / ljl
Bicarbonate as HCO3	114	mg/L		1		A2320 B	06/09/09 22:20 / ljl
Calcium	52	mg/L		1		E200.7	06/16/09 16:35 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 16:21 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 18:24 / ljl
Magnesium	2	mg/L		1		E200.7	06/16/09 16:35 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 12:58 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 16:35 / aae
Silica	15.9	mg/L		0.2		E200.7	06/19/09 18:08 / cp
Sodium	33	mg/L		1		E200.7	06/16/09 16:35 / aae
Sulfate	118	mg/L		1		E300.0	06/11/09 16:21 / ljl
PHYSICAL PROPERTIES							
Conductivity	448	umhos/cm		1		A2510 B	06/05/09 10:18 / dd
pH	8.11	s.u.		0.01		A4500-H B	06/05/09 10:18 / dd
Solids, Total Dissolved TDS @ 180 C	285	mg/L		10		A2540 C	06/08/09 09:01 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 15:30 / ts
Arsenic	0.003	mg/L		0.001		E200.8	06/09/09 15:30 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 15:30 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:08 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 15:30 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 15:30 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 15:30 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:08 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 15:30 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 15:30 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 15:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 15:30 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 15:30 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 15:30 / ts
Uranium	0.0155	mg/L		0.0003		E200.8	06/09/09 15:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 15:30 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/09/09 15:30 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:10 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:10 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-010
Client Sample ID: M-133

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	45.1	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta	18.7	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/26/09 03:37 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 03:37 / cgr
Radium 226	8.4	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 226 precision (±)	0.58	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	06/25/09 15:50 / trs
Radium 228	5.1	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/16/09 14:42 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.39	%				Calculation	06/19/09 07:47 / kbh
Anions	4.47	meq/L				Calculation	06/19/09 07:47 / kbh
Cations	4.26	meq/L				Calculation	06/19/09 07:47 / kbh
Solids, Total Dissolved Calculated	269	mg/L				Calculation	06/19/09 07:47 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	06/19/09 07:47 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-011
Client Sample ID: MO-108

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	06/09/09 22:27 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:27 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	06/09/09 22:27 / ljl
Calcium	58	mg/L		1		E200.7	06/16/09 16:41 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 17:07 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 18:27 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:41 / aae
Nitrogen, Ammonia as N	0.14	mg/L		0.05		E350.1	06/08/09 14:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:05 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:41 / aae
Silica	14.1	mg/L		0.2		E200.7	06/19/09 18:12 / cp
Sodium	32	mg/L		1		E200.7	06/16/09 16:41 / aae
Sulfate	127	mg/L		1		E300.0	06/11/09 17:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	473	umhos/cm		1		A2510 B	06/05/09 10:22 / dd
pH	7.94	s.u.		0.01		A4500-H B	06/05/09 10:22 / dd
Solids, Total Dissolved TDS @ 180 C	310	mg/L		10		A2540 C	06/08/09 09:01 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:04 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 16:04 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:04 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:12 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:04 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:04 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:04 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:12 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:04 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/09/09 16:04 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:04 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:04 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:04 / ts
Selenium	0.005	mg/L		0.001		E200.8	06/09/09 16:04 / ts
Uranium	0.334	mg/L		0.0003		E200.8	06/09/09 16:04 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:04 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:04 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:14 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/20/09 02:14 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-011
Client Sample ID: MO-108

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	290	pCi/L				E900.0	06/27/09 10:34 / cgr
Gross Alpha precision (±)	6.9	pCi/L				E900.0	06/27/09 10:34 / cgr
Gross Alpha MDC	1.4	pCi/L				E900.0	06/27/09 10:34 / cgr
Gross Beta	91.4	pCi/L				E900.0	06/27/09 10:34 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	06/27/09 10:34 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/27/09 10:34 / cgr
Radium 226	3.4	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	0.40	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	4.7	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.93	%				Calculation	06/19/09 07:48 / kbh
Anions	4.86	meq/L				Calculation	06/19/09 07:48 / kbh
Cations	4.59	meq/L				Calculation	06/19/09 07:48 / kbh
Solids, Total Dissolved Calculated	289	mg/L				Calculation	06/19/09 07:48 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/19/09 07:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-012
Client Sample ID: MP-108

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	06/09/09 22:50 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:50 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	06/09/09 22:50 / ljl
Calcium	65	mg/L		1		E200.7	06/16/09 16:46 / aae
Chloride	5	mg/L		1		E300.0	06/11/09 17:22 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 18:29 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 16:46 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:06 / eli-b
Potassium	2	mg/L		1		E200.7	06/16/09 16:46 / aae
Silica	15.8	mg/L		0.2		E200.7	06/19/09 18:16 / cp
Sodium	30	mg/L		1		E200.7	06/16/09 16:46 / aae
Sulfate	144	mg/L		1		E300.0	06/11/09 17:22 / ljl
PHYSICAL PROPERTIES							
Conductivity	520	umhos/cm		1		A2510 B	06/05/09 10:25 / dd
pH	7.88	s.u.		0.01		A4500-H B	06/05/09 10:25 / dd
Solids, Total Dissolved TDS @ 180 C	343	mg/L		10		A2540 C	06/08/09 09:02 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:11 / ts
Arsenic	0.007	mg/L		0.001		E200.8	06/09/09 16:11 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:11 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:16 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:11 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:11 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:11 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:16 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:11 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/09/09 16:11 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:11 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:11 / ts
Selenium	0.006	mg/L		0.001		E200.8	06/09/09 16:11 / ts
Uranium	0.151	mg/L		0.0003		E200.8	06/09/09 16:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:11 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:11 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:18 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/20/09 02:18 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-012
Client Sample ID: MP-108

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	325	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	8.2	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	119	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	76	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	1.8	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	3.6	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.58	%				Calculation	06/19/09 07:48 / kbh
Anions	5.35	meq/L				Calculation	06/19/09 07:48 / kbh
Cations	4.88	meq/L				Calculation	06/19/09 07:48 / kbh
Solids, Total Dissolved Calculated	316	mg/L				Calculation	06/19/09 07:48 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/19/09 07:48 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-013
Client Sample ID: MO-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	107	mg/L		1		A2320 B	06/09/09 22:57 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 22:57 / ljl
Bicarbonate as HCO3	131	mg/L		1		A2320 B	06/09/09 22:57 / ljl
Calcium	58	mg/L		1		E200.7	06/16/09 17:20 / aae
Chloride	7	mg/L		1		E300.0	06/11/09 17:38 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 18:32 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 17:20 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:46 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.18	mg/L		0.05		E353.2	06/08/09 13:08 / eli-b
Potassium	3	mg/L		1		E200.7	06/16/09 17:20 / aae
Silica	14.8	mg/L		0.2		E200.7	06/19/09 18:20 / cp
Sodium	30	mg/L		1		E200.7	06/16/09 17:20 / aae
Sulfate	124	mg/L		1		E300.0	06/11/09 17:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	481	umhos/cm		1		A2510 B	06/05/09 10:28 / dd
pH	7.93	s.u.		0.01		A4500-H B	06/05/09 10:28 / dd
Solids, Total Dissolved TDS @ 180 C	318	mg/L		10		A2540 C	06/08/09 09:02 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:18 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 16:18 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:18 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:20 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:18 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:18 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:18 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:20 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:18 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 16:18 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:18 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:18 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:18 / ts
Selenium	0.027	mg/L		0.001		E200.8	06/09/09 16:18 / ts
Uranium	0.397	mg/L		0.0003		E200.8	06/09/09 16:18 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:18 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:18 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:22 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:22 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-013
Client Sample ID: MO-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	443	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	9.4	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	122	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	2.8	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	0.35	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	3.9	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.1	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.92	%				Calculation	06/19/09 07:49 / kbh
Anions	4.94	meq/L				Calculation	06/19/09 07:49 / kbh
Cations	4.48	meq/L				Calculation	06/19/09 07:49 / kbh
Solids, Total Dissolved Calculated	289	mg/L				Calculation	06/19/09 07:49 / kbh
TDS Balance (0.80 - 1.20)	1.10					Calculation	06/19/09 07:49 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-014
Client Sample ID: MP-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	239	mg/L		1		A2320 B	06/09/09 23:14 / ljl
Carbonate as CO3	36	mg/L		1		A2320 B	06/09/09 23:14 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	06/09/09 23:14 / ljl
Calcium	113	mg/L		1		E200.7	06/19/09 18:24 / cp
Chloride	25	mg/L		1		E300.0	06/11/09 17:53 / ljl
Fluoride	0.3	mg/L		0.1		A4500-F C	06/08/09 18:36 / ljl
Magnesium	ND	mg/L		1		E200.7	06/19/09 18:24 / cp
Nitrogen, Ammonia as N	0.50	mg/L		0.05		E350.1	06/08/09 14:47 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:09 / eli-b
Potassium	30	mg/L		1		E200.7	06/19/09 18:24 / cp
Silica	8.8	mg/L		0.2		E200.7	06/19/09 18:24 / cp
Sodium	39	mg/L		1		E200.7	06/19/09 18:24 / cp
Sulfate	98	mg/L		1		E300.0	06/11/09 17:53 / ljl
PHYSICAL PROPERTIES							
Conductivity	1560	umhos/cm		1		A2510 B	06/05/09 10:31 / dd
pH	11.9	s.u.		0.01		A4500-H B	06/05/09 10:31 / dd
Solids, Total Dissolved TDS @ 180 C	518	mg/L		10		A2540 C	06/08/09 09:02 / emm
METALS - DISSOLVED							
Aluminum	0.7	mg/L		0.1		E200.8	06/09/09 16:25 / ts
Arsenic	0.004	mg/L		0.001		E200.8	06/09/09 16:25 / ts
Barium	0.2	mg/L		0.1		E200.8	06/09/09 16:25 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:24 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:25 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:25 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:25 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:24 / cp
Lead	0.002	mg/L		0.001		E200.8	06/09/09 16:25 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 16:25 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:25 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:25 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:25 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 16:25 / ts
Uranium	0.0141	mg/L		0.0003		E200.8	06/09/09 16:25 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:25 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:25 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:38 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:38 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-014
Client Sample ID: MP-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	52.5	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	5.3	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	3.8	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	46.0	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	4.2	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	5.7	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	30	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	1.1	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	6.0	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	3.79	%				Calculation	06/23/09 10:05 / kbh
Anions	7.55	meq/L				Calculation	06/23/09 10:05 / kbh
Cations	8.14	meq/L				Calculation	06/23/09 10:05 / kbh
Solids, Total Dissolved Calculated	460	mg/L				Calculation	06/23/09 10:05 / kbh
TDS Balance (0.80 - 1.20)	1.13					Calculation	06/23/09 10:05 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-015
Client Sample ID: MU-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	99	mg/L		1		A2320 B	06/09/09 23:22 / ljl
Carbonate as CO3	8	mg/L		1		A2320 B	06/09/09 23:22 / ljl
Bicarbonate as HCO3	104	mg/L		1		A2320 B	06/09/09 23:22 / ljl
Calcium	49	mg/L		1		E200.7	06/16/09 17:31 / aae
Chloride	6	mg/L		1		E300.0	06/11/09 18:39 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 18:49 / ljl
Magnesium	ND	mg/L		1		E200.7	06/16/09 17:31 / aae
Nitrogen, Ammonia as N	0.11	mg/L		0.05		E350.1	06/08/09 14:51 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:10 / eli-b
Potassium	8	mg/L		1		E200.7	06/16/09 17:31 / aae
Silica	15.8	mg/L		0.2		E200.7	06/19/09 18:28 / cp
Sodium	30	mg/L		1		E200.7	06/16/09 17:31 / aae
Sulfate	109	mg/L		1		E300.0	06/11/09 18:39 / ljl
PHYSICAL PROPERTIES							
Conductivity	442	umhos/cm		1		A2510 B	06/05/09 10:33 / dd
pH	8.98	s.u.		0.01		A4500-H B	06/05/09 10:33 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	06/08/09 09:04 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:31 / ts
Arsenic	0.005	mg/L		0.001		E200.8	06/09/09 16:31 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:31 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:28 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:31 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:31 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:31 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:28 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:31 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 16:31 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:31 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:31 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:31 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 16:31 / ts
Uranium	0.0117	mg/L		0.0003		E200.8	06/09/09 16:31 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:31 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:31 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:50 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:50 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-015
Client Sample ID: MU-109

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	18.2	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	2.1	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	8.1	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	1.7	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	3.2	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	0.37	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	5.9	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.37	%				Calculation	06/19/09 07:55 / kbh
Anions	4.43	meq/L				Calculation	06/19/09 07:55 / kbh
Cations	4.06	meq/L				Calculation	06/19/09 07:55 / kbh
Solids, Total Dissolved Calculated	263	mg/L				Calculation	06/19/09 07:55 / kbh
TDS Balance (0.80 - 1.20)	1.11					Calculation	06/19/09 07:55 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-016
Client Sample ID: MP-113

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	06/09/09 23:29 / ljl
Carbonate as CO3	5	mg/L		1		A2320 B	06/09/09 23:29 / ljl
Bicarbonate as HCO3	118	mg/L		1		A2320 B	06/09/09 23:29 / ljl
Calcium	63	mg/L		1		E200.7	06/16/09 17:36 / aae
Chloride	11	mg/L		1		E300.0	06/11/09 18:55 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 18:52 / ljl
Magnesium	3	mg/L		1		E200.7	06/16/09 17:36 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:11 / eli-b
Potassium	4	mg/L		1		E200.7	06/16/09 17:36 / aae
Silica	13.7	mg/L		0.2		E200.7	06/19/09 18:32 / cp
Sodium	35	mg/L		1		E200.7	06/16/09 17:36 / aae
Sulfate	146	mg/L		1		E300.0	06/11/09 18:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	531	umhos/cm		1		A2510 B	06/05/09 10:34 / dd
pH	8.57	s.u.		0.01		A4500-H B	06/05/09 10:34 / dd
Solids, Total Dissolved TDS @ 180 C	371	mg/L		10		A2540 C	06/08/09 09:04 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:38 / ts
Arsenic	0.004	mg/L		0.001		E200.8	06/09/09 16:38 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:38 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:32 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:38 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:38 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:38 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:32 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:38 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 16:38 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:38 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:38 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:38 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 16:38 / ts
Uranium	0.142	mg/L		0.0003		E200.8	06/09/09 16:38 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:38 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:38 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 02:58 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 02:58 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-016
Client Sample ID: MP-113

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1050	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	14.8	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1.8	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	351	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	4.8	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	568	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	4.7	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	5.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.46	%				Calculation	06/19/09 07:56 / kbh
Anions	5.43	meq/L				Calculation	06/19/09 07:56 / kbh
Cations	4.96	meq/L				Calculation	06/19/09 07:56 / kbh
Solids, Total Dissolved Calculated	323	mg/L				Calculation	06/19/09 07:56 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	06/19/09 07:56 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-017
Client Sample ID: M-134

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	2	mg/L	B	1		A2320 B	06/09/09 23:34 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 23:34 / ljl
Bicarbonate as HCO3	3	mg/L	B	1		A2320 B	06/09/09 23:34 / ljl
Calcium	ND	mg/L		1		E200.7	06/16/09 17:42 / aae
Chloride	ND	mg/L		1		E300.0	06/11/09 19:10 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/08/09 18:59 / ljl
Magnesium	ND	mg/L		1		E200.7	06/16/09 17:42 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/08/09 14:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/08/09 13:02 / eli-b
Potassium	ND	mg/L		1		E200.7	06/16/09 17:42 / aae
Silica	ND	mg/L		0.2		E200.7	06/19/09 18:36 / cp
Sodium	ND	mg/L		1		E200.7	06/16/09 17:42 / aae
Sulfate	ND	mg/L		1		E300.0	06/11/09 19:10 / ljl
PHYSICAL PROPERTIES							
Conductivity	1	umhos/cm		1		A2510 B	06/05/09 10:39 / dd
pH	6.00	s.u.		0.01		A4500-H B	06/05/09 10:39 / dd
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	06/08/09 09:04 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 16:59 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 16:59 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 16:59 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 18:36 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 16:59 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 16:59 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 16:59 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 18:36 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 16:59 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 16:59 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 16:59 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 16:59 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 16:59 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 16:59 / ts
Uranium	ND	mg/L		0.0003		E200.8	06/09/09 16:59 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 16:59 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 16:59 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/20/09 03:03 / cp
Manganese	ND	mg/L		0.01		E200.7	06/20/09 03:03 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
B - The analyte was detected in the method blank.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060201-017
Client Sample ID: M-134

Report Date: 07/14/09
Collection Date: 06/03/09
DateReceived: 06/04/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	0.2	pCi/L	U			E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	-2	pCi/L	U			E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	1.4	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	0.08	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	1.8	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-85.6	%				Calculation	06/19/09 07:57 / kbh
Anions	0.0488	meq/L				Calculation	06/19/09 07:57 / kbh
Cations	0.00378	meq/L				Calculation	06/19/09 07:57 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R119337
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090609A				06/09/09 14:16
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:31
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:38
Alkalinity, Total as CaCO3		53.5	mg/L	5.0	102	90	110			
Sample ID: C09060201-001AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/09/09 20:44
Alkalinity, Total as CaCO3		248	mg/L	5.0	99	80	120			
Sample ID: C09060201-001AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/09/09 20:51
Alkalinity, Total as CaCO3		245	mg/L	5.0	97	80	120	1.2	20	
Sample ID: C09060201-011AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/09/09 22:35
Alkalinity, Total as CaCO3		229	mg/L	5.0	100	80	120			
Sample ID: C09060201-011AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/09/09 22:43
Alkalinity, Total as CaCO3		230	mg/L	5.0	101	80	120	0.6	20	
Method: A2510 B										Analytical Run: ORION555A_090605B
Sample ID: ICV2_090605_1		Initial Calibration Verification Standard								06/05/09 09:54
Conductivity		1410	umhos/cm	1.0	100	90	110			
Method: A2510 B										Batch: 090605_1_PH-W_555A-2
Sample ID: MBLK1_090605_1		Method Blank				Run: ORION555A_090605B				06/05/09 09:50
Conductivity		0.9	umhos/cm	0.2						
Sample ID: C09060201-010ADUP		Sample Duplicate				Run: ORION555A_090605B				06/05/09 10:20
Conductivity		447	umhos/cm	1.0				0.2	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C									Batch: 090608_1_SLDS-TDS-W	
Sample ID: MBLK1_090608		Method Blank				Run: BAL-1_090608B			06/08/09 08:53	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090608		Laboratory Control Sample				Run: BAL-1_090608B			06/08/09 08:53	
Solids, Total Dissolved TDS @ 180 C		990	mg/L	10	99	90	110			
Sample ID: C09060201-004AMS		Sample Matrix Spike				Run: BAL-1_090608B			06/08/09 08:58	
Solids, Total Dissolved TDS @ 180 C		2300	mg/L	10	101	90	110			
Sample ID: C09060201-004AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090608B			06/08/09 08:59	
Solids, Total Dissolved TDS @ 180 C		2300	mg/L	10	101	90	110	0.1	10	
Sample ID: C09060201-014AMS		Sample Matrix Spike				Run: BAL-1_090608B			06/08/09 09:03	
Solids, Total Dissolved TDS @ 180 C		2540	mg/L	10	101	90	110			
Sample ID: C09060201-014AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090608B			06/08/09 09:03	
Solids, Total Dissolved TDS @ 180 C		2570	mg/L	10	103	90	110	1.2	10	
Sample ID: MBLK1_090608		Method Blank				Run: BAL-1_090609A			06/09/09 14:37	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090608		Laboratory Control Sample				Run: BAL-1_090609A			06/09/09 14:38	
Solids, Total Dissolved TDS @ 180 C		988	mg/L	10	99	90	110			
Sample ID: C09060275-012BMS		Sample Matrix Spike				Run: BAL-1_090609A			06/09/09 14:44	
Solids, Total Dissolved TDS @ 180 C		2990	mg/L	10	102	90	110			
Sample ID: C09060275-012BMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090609A			06/09/09 14:44	
Solids, Total Dissolved TDS @ 180 C		3040	mg/L	10	104	90	110	1.6	10	
Method: A4500-F C									Batch: R119289	
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090608A			06/08/09 15:01	
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090608A			06/08/09 15:04	
Fluoride		1.02	mg/L	0.10	102	90	110			
Sample ID: C09060201-004AMS		Sample Matrix Spike				Run: MANTECH_090608A			06/08/09 17:50	
Fluoride		1.23	mg/L	0.10	104	80	120			
Sample ID: C09060201-004AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A			06/08/09 17:53	
Fluoride		1.23	mg/L	0.10	104	80	120	0	10	
Sample ID: C09060201-014AMS		Sample Matrix Spike				Run: MANTECH_090608A			06/08/09 18:40	
Fluoride		1.25	mg/L	0.10	95	80	120			
Sample ID: C09060201-014AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A			06/08/09 18:44	
Fluoride		1.28	mg/L	0.10	98	80	120	2.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B								Analytical Run: ORION555A_090605B		
Sample ID: ICV1_090605_1		Initial Calibration Verification Standard							06/05/09 09:52	
pH		6.88	s.u.	0.010	100	98	102			
Method: A4500-H B								Batch: 090605_1_PH-W_555A-2		
Sample ID: C09060201-010ADUP		Sample Duplicate				Run: ORION555A_090605B			06/05/09 10:20	
pH		8.12	s.u.	0.010				0.1	10	
Method: E200.7									Batch: R119665	
Sample ID: C09060201-002BMS	4	Sample Matrix Spike				Run: ICP3-C_090616B			06/16/09 15:23	
Calcium		142	mg/L	1.0	117	70	130			
Magnesium		65.4	mg/L	1.0	120	70	130			
Potassium		64.8	mg/L	1.0	120	70	130			
Sodium		95.7	mg/L	1.0	117	70	130			
Sample ID: C09060201-002BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090616B			06/16/09 15:28	
Calcium		137	mg/L	1.0	107	70	130	3.6	20	
Magnesium		62.7	mg/L	1.0	115	70	130	4.2	20	
Potassium		59.5	mg/L	1.0	110	70	130	8.5	20	
Sodium		90.6	mg/L	1.0	107	70	130	5.5	20	
Sample ID: C09060201-012BMS	4	Sample Matrix Spike				Run: ICP3-C_090616B			06/16/09 16:51	
Calcium		112	mg/L	1.0	92	70	130			
Magnesium		50.8	mg/L	1.0	93	70	130			
Potassium		48.7	mg/L	1.0	91	70	130			
Sodium		76.8	mg/L	1.0	92	70	130			
Sample ID: C09060201-012BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090616B			06/16/09 16:57	
Calcium		114	mg/L	1.0	95	70	130	1.2	20	
Magnesium		51.2	mg/L	1.0	94	70	130	0.9	20	
Potassium		49.6	mg/L	1.0	93	70	130	1.8	20	
Sodium		77.6	mg/L	1.0	93	70	130	1.1	20	
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090616B			06/16/09 13:20	
Calcium		0.3	mg/L	0.2						
Magnesium		0.3	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090616B			06/16/09 13:26	
Calcium		51.5	mg/L	0.50	103	85	115			
Magnesium		51.1	mg/L	0.50	102	85	115			
Potassium		50.7	mg/L	0.50	101	85	115			
Sodium		51.5	mg/L	0.50	103	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119858
Sample ID: MB-090619A	8	Method Blank				Run: ICP2-C_090619A				06/19/09 14:47
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Manganese		ND	mg/L	0.001						
Potassium		ND	mg/L	0.1						
Silicon		0.03	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090619A	8	Laboratory Fortified Blank				Run: ICP2-C_090619A				06/19/09 14:51
Boron		1.04	mg/L	0.10	104	85	115			
Calcium		49.3	mg/L	0.50	99	85	115			
Iron		0.975	mg/L	0.030	98	85	115			
Magnesium		50.2	mg/L	0.50	100	85	115			
Manganese		0.992	mg/L	0.010	99	85	115			
Potassium		46.3	mg/L	0.50	93	85	115			
Silicon		0.463	mg/L	0.015	108	85	115			
Sodium		48.1	mg/L	0.50	96	85	115			
Sample ID: C09060201-007BMS2	8	Sample Matrix Spike				Run: ICP2-C_090619A				06/19/09 16:59
Boron		1.98	mg/L	0.10	97	70	130			
Calcium		155	mg/L	1.0	98	70	130			
Iron		1.94	mg/L	0.030	95	70	130			
Magnesium		103	mg/L	1.0	98	70	130			
Manganese		1.97	mg/L	0.010	97	70	130			
Potassium		94.5	mg/L	1.0	91	70	130			
Silicon		7.52	mg/L	0.10		70	130			A
Sodium		132	mg/L	1.0	99	70	130			
Sample ID: C09060201-007BMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090619A				06/19/09 17:03
Boron		2.01	mg/L	0.10	98	70	130	1.2	20	
Calcium		154	mg/L	1.0	98	70	130	0.4	20	
Iron		1.94	mg/L	0.030	94	70	130	0.1	20	
Magnesium		102	mg/L	1.0	98	70	130	0.2	20	
Manganese		1.97	mg/L	0.010	97	70	130	0	20	
Potassium		93.3	mg/L	1.0	90	70	130	1.3	20	
Silicon		7.54	mg/L	0.10		70	130	0.4	20	A
Sodium		133	mg/L	1.0	100	70	130	0.9	20	
Sample ID: C09060201-004CMS2	8	Sample Matrix Spike				Run: ICP2-C_090619A				06/20/09 01:25
Boron		2.15	mg/L	0.10	106	70	130			
Calcium		152	mg/L	1.0	99	70	130			
Iron		2.02	mg/L	0.067	95	70	130			
Magnesium		101	mg/L	1.0	97	70	130			
Manganese		2.00	mg/L	0.014	98	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R119858	
Sample ID: C09060201-004CMS2	8	Sample Matrix Spike				Run: ICP2-C_090619A			06/20/09 01:25	
Potassium		95.5	mg/L	1.0	91	70	130			
Silicon		7.81	mg/L	0.10		70	130			A
Sodium		132	mg/L	2.2	99	70	130			
Sample ID: C09060201-004CMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090619A			06/20/09 01:29	
Boron		2.21	mg/L	0.10	108	70	130	2.7	20	
Calcium		152	mg/L	1.0	98	70	130	0.3	20	
Iron		2.06	mg/L	0.067	97	70	130	2.2	20	
Magnesium		101	mg/L	1.0	97	70	130	0.1	20	
Manganese		2.03	mg/L	0.014	99	70	130	1.4	20	
Potassium		96.6	mg/L	1.0	92	70	130	1.1	20	
Silicon		7.79	mg/L	0.10		70	130	0.1	20	A
Sodium		132	mg/L	2.2	99	70	130	0.3	20	
Sample ID: C09060201-014CMS2	8	Sample Matrix Spike				Run: ICP2-C_090619A			06/20/09 02:42	
Boron		2.12	mg/L	0.10	104	70	130			
Calcium		216	mg/L	1.0	99	70	130			
Iron		1.93	mg/L	0.067	94	70	130			
Magnesium		99.2	mg/L	1.0	97	70	130			
Manganese		1.99	mg/L	0.014	98	70	130			
Potassium		118	mg/L	1.0	85	70	130			
Silicon		4.99	mg/L	0.10		70	130			A
Sodium		144	mg/L	2.2	101	70	130			
Sample ID: C09060201-014CMSD	8	Sample Matrix Spike Duplicate				Run: ICP2-C_090619A			06/20/09 02:46	
Boron		2.13	mg/L	0.10	104	70	130	0.4	20	
Calcium		218	mg/L	1.0	101	70	130	0.9	20	
Iron		1.94	mg/L	0.067	95	70	130	0.5	20	
Magnesium		97.8	mg/L	1.0	96	70	130	1.4	20	
Manganese		1.99	mg/L	0.014	97	70	130	0.1	20	
Potassium		116	mg/L	1.0	84	70	130	1.2	20	
Silicon		4.99	mg/L	0.10		70	130	0	20	A
Sodium		143	mg/L	2.2	100	70	130	0.9	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119345
Sample ID: LRB	15	Method Blank				Run: ICPMS2-C_090609A				06/09/09 11:40
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		8E-05	mg/L	8E-05						
Copper		8E-05	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.001	mg/L	6E-05						
Sample ID: LFB	15	Laboratory Fortified Blank				Run: ICPMS2-C_090609A				06/09/09 11:47
Aluminum		0.0504	mg/L	0.0022	101	85	115			
Arsenic		0.0521	mg/L	0.0010	104	85	115			
Barium		0.0522	mg/L	0.0010	104	85	115			
Cadmium		0.0525	mg/L	0.0010	105	85	115			
Chromium		0.0519	mg/L	0.0010	104	85	115			
Copper		0.0522	mg/L	0.0010	104	85	115			
Lead		0.0519	mg/L	0.0010	104	85	115			
Manganese		0.0508	mg/L	0.0010	102	85	115			
Mercury		0.00519	mg/L	0.0010	104	85	115			
Molybdenum		0.0516	mg/L	0.0010	103	85	115			
Nickel		0.0521	mg/L	0.0010	104	85	115			
Selenium		0.0523	mg/L	0.0014	105	85	115			
Uranium		0.0499	mg/L	0.00030	100	85	115			
Vanadium		0.0512	mg/L	0.0010	102	85	115			
Zinc		0.0530	mg/L	0.0010	104	85	115			
Sample ID: C09060201-006BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 14:57
Aluminum		0.0562	mg/L	0.10	103	70	130			
Arsenic		0.0538	mg/L	0.0010	103	70	130			
Barium		0.0726	mg/L	0.10	104	70	130			
Cadmium		0.0517	mg/L	0.010	103	70	130			
Chromium		0.0497	mg/L	0.050	99	70	130			
Copper		0.0489	mg/L	0.010	97	70	130			
Lead		0.0511	mg/L	0.050	102	70	130			
Manganese		0.0531	mg/L	0.010	98	70	130			
Mercury		0.00513	mg/L	0.0010	103	70	130			
Molybdenum		0.0522	mg/L	0.10	102	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119345
Sample ID: C09060201-006BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 14:57
Nickel		0.0485	mg/L	0.0010	97	70	130			
Selenium		0.0527	mg/L	0.0010	104	70	130			
Uranium		0.127	mg/L	0.00030	113	70	130			
Vanadium		0.0500	mg/L	0.10	100	70	130			
Zinc		0.0536	mg/L	0.010	101	70	130			
Sample ID: C09060201-006BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A				06/09/09 15:03
Aluminum		0.0552	mg/L	0.0010	101	70	130	1.8	20	
Arsenic		0.0538	mg/L	0.0010	103	70	130	0	20	
Barium		0.0721	mg/L	0.0010	103	70	130	0.8	20	
Cadmium		0.0513	mg/L	0.010	103	70	130	0.9	20	
Chromium		0.0495	mg/L	0.0010	99	70	130	0.4	20	
Copper		0.0488	mg/L	0.010	97	70	130	0.2	20	
Lead		0.0513	mg/L	0.050	103	70	130	0.4	20	
Manganese		0.0526	mg/L	0.010	97	70	130	0.9	20	
Mercury		0.00510	mg/L	0.0010	102	70	130	0.5	20	
Molybdenum		0.0520	mg/L	0.0010	101	70	130	0.5	20	
Nickel		0.0491	mg/L	0.0010	98	70	130	1.2	20	
Selenium		0.0523	mg/L	0.0010	103	70	130	0.9	20	
Uranium		0.128	mg/L	0.00030	116	70	130	1	20	
Vanadium		0.0495	mg/L	0.0010	99	70	130	0.9	20	
Zinc		0.0536	mg/L	0.010	101	70	130	0.1	20	
Sample ID: C09060201-016BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 16:45
Aluminum		0.0584	mg/L	0.0010	102	70	130			
Arsenic		0.0562	mg/L	0.0010	105	70	130			
Barium		0.0732	mg/L	0.0010	106	70	130			
Cadmium		0.0521	mg/L	0.010	104	70	130			
Chromium		0.0509	mg/L	0.0010	101	70	130			
Copper		0.0500	mg/L	0.010	99	70	130			
Lead		0.0524	mg/L	0.050	105	70	130			
Manganese		0.0546	mg/L	0.010	100	70	130			
Mercury		0.00549	mg/L	0.0010	110	70	130			
Molybdenum		0.0535	mg/L	0.0010	103	70	130			
Nickel		0.0497	mg/L	0.0010	99	70	130			
Selenium		0.0533	mg/L	0.0010	107	70	130			
Uranium		0.194	mg/L	0.00030	105	70	130			
Vanadium		0.0511	mg/L	0.0010	102	70	130			
Zinc		0.0570	mg/L	0.010	103	70	130			
Sample ID: C09060201-016BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A				06/09/09 16:52
Aluminum		0.0572	mg/L	0.0010	100	70	130	2	20	
Arsenic		0.0568	mg/L	0.0010	107	70	130	1.2	20	
Barium		0.0740	mg/L	0.0010	107	70	130	1.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R119345	
Sample ID: C09060201-016BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A			06/09/09 16:52	
Cadmium		0.0530	mg/L	0.010	106	70	130	1.6	20	
Chromium		0.0510	mg/L	0.0010	101	70	130	0.2	20	
Copper		0.0502	mg/L	0.010	99	70	130	0.5	20	
Lead		0.0525	mg/L	0.050	105	70	130	0.2	20	
Manganese		0.0547	mg/L	0.010	101	70	130	0.2	20	
Mercury		0.00560	mg/L	0.0010	112	70	130	2	20	
Molybdenum		0.0544	mg/L	0.0010	105	70	130	1.7	20	
Nickel		0.0504	mg/L	0.0010	101	70	130	1.4	20	
Selenium		0.0545	mg/L	0.0010	109	70	130	2.2	20	
Uranium		0.195	mg/L	0.00030	108	70	130	0.8	20	
Vanadium		0.0510	mg/L	0.0010	101	70	130	0.4	20	
Zinc		0.0573	mg/L	0.010	103	70	130	0.7	20	
Method: E300.0									Batch: R119458	
Sample ID: LCS	2	Laboratory Control Sample				Run: IC2-C_090611A			06/11/09 12:45	
Chloride		9.78	mg/L	1.0	98	90	110			
Sulfate		39.3	mg/L	1.0	98	90	110			
Sample ID: C09060201-003AMS	2	Sample Matrix Spike				Run: IC2-C_090611A			06/11/09 14:17	
Chloride		25.3	mg/L	1.0	97	90	110			
Sulfate		227	mg/L	1.0	100	90	110			
Sample ID: C09060201-003AMSD	2	Sample Matrix Spike Duplicate				Run: IC2-C_090611A			06/11/09 14:33	
Chloride		25.5	mg/L	1.0	98	90	110	0.7	20	
Sulfate		226	mg/L	1.0	99	90	110	0.5	20	
Sample ID: C09060201-014AMS	2	Sample Matrix Spike				Run: IC2-C_090611A			06/11/09 18:09	
Chloride		74.2	mg/L	1.0	99	90	110			
Sulfate		294	mg/L	1.0	100	90	110			
Sample ID: C09060201-014AMSD	2	Sample Matrix Spike Duplicate				Run: IC2-C_090611A			06/11/09 18:24	
Chloride		74.1	mg/L	1.0	99	90	110	0.2	20	
Sulfate		293	mg/L	1.0	99	90	110	0.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R120183
Sample ID: LCS	2	Laboratory Control Sample				Run: IC2-C_090627A				06/27/09 15:27
Chloride		10.1	mg/L	1.0	101	90	110			
Sulfate		38.8	mg/L	1.0	97	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC2-C_090627A				06/27/09 15:43
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09060691-028AMS	2	Sample Matrix Spike				Run: IC2-C_090627A				06/27/09 17:00
Chloride		93.4	mg/L	1.0	103	90	110			
Sulfate		356	mg/L	1.0	100	90	110			
Sample ID: C09060691-028AMSD	2	Sample Matrix Spike Duplicate				Run: IC2-C_090627A				06/27/09 17:15
Chloride		93.3	mg/L	1.0	103	90	110	0.1	20	
Sulfate		356	mg/L	1.0	100	90	110	0	20	
Method: E350.1										Batch: B_R130760
Sample ID: MBLK		Method Blank				Run: SUB-B130760				06/08/09 14:16
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130760				06/08/09 14:18
Nitrogen, Ammonia as N		1.02	mg/L	0.10	103	90	110			
Sample ID: C09060201-001E		Sample Matrix Spike				Run: SUB-B130760				06/08/09 14:24
Nitrogen, Ammonia as N		0.837	mg/L	0.050	84	90	110			S
Sample ID: C09060201-001E		Sample Matrix Spike Duplicate				Run: SUB-B130760				06/08/09 14:25
Nitrogen, Ammonia as N		0.834	mg/L	0.050	83	90	110	0.4	10	S
Sample ID: C09060201-007E		Sample Matrix Spike				Run: SUB-B130760				06/08/09 14:38
Nitrogen, Ammonia as N		0.769	mg/L	0.050	77	90	110			S
Sample ID: C09060201-007E		Sample Matrix Spike Duplicate				Run: SUB-B130760				06/08/09 14:39
Nitrogen, Ammonia as N		0.770	mg/L	0.050	77	90	110	0.1	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: B_R130726
Sample ID: MBLK		Method Blank				Run: SUB-B130726				06/08/09 09:49
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130726				06/08/09 09:51
Nitrogen, Nitrate+Nitrite as N		0.991	mg/L	0.050	101	90	110			
Sample ID: C09060201-004E		Sample Matrix Spike				Run: SUB-B130726				06/08/09 12:46
Nitrogen, Nitrate+Nitrite as N		1.16	mg/L	0.050	103	90	110			
Sample ID: C09060201-004E		Sample Matrix Spike Duplicate				Run: SUB-B130726				06/08/09 12:47
Nitrogen, Nitrate+Nitrite as N		1.16	mg/L	0.050	103	90	110	0.3	10	
Sample ID: B09060659-001BMS		Sample Matrix Spike				Run: SUB-B130726				06/08/09 14:06
Nitrogen, Nitrate+Nitrite as N		1.07	mg/L	0.050	103	90	110			
Sample ID: B09060659-001BMSD		Sample Matrix Spike Duplicate				Run: SUB-B130726				06/08/09 14:08
Nitrogen, Nitrate+Nitrite as N		1.08	mg/L	0.050	104	90	110	0.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0681
Sample ID: MB-GrAB-0681	6	Method Blank				Run: TENNELEC-3_090623D				06/26/09 03:37
Gross Alpha		1	pCi/L							
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.5	pCi/L							
Gross Beta		-3	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0681		Laboratory Control Sample				Run: TENNELEC-3_090623D				06/26/09 03:37
Gross Alpha		130	pCi/L		96	70	130			
Sample ID: Cs137-GrAB-0681		Laboratory Control Sample				Run: TENNELEC-3_090623D				06/26/09 03:37
Gross Beta		96	pCi/L		107	70	130			
Sample ID: C09060201-001DDUP	6	Sample Duplicate				Run: TENNELEC-3_090623D				06/26/09 03:37
Gross Alpha		803	pCi/L					11	13.2	
Gross Alpha precision (±)		12.6	pCi/L							
Gross Alpha MDC		1.72	pCi/L							
Gross Beta		266	pCi/L					4	13.5	
Gross Beta precision (±)		4.65	pCi/L							
Gross Beta MDC		2.99	pCi/L							
Sample ID: C09060599-001DMS		Sample Matrix Spike				Run: TENNELEC-3_090623D				06/27/09 10:34
Gross Alpha		178	pCi/L		125	70	130			
Sample ID: C09060599-001DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090623D				06/27/09 10:34
Gross Alpha		165	pCi/L		116	70	130	7.9	17	
Sample ID: C09060599-001DMS		Sample Matrix Spike				Run: TENNELEC-3_090623D				06/27/09 10:35
Gross Beta		110	pCi/L		109	70	130			
Sample ID: C09060599-001DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090623D				06/27/09 10:35
Gross Beta		117	pCi/L		116	70	130	5.4	15.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0682
Sample ID: MB-GrAB-0682	6	Method Blank				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		-0.07	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0682		Laboratory Control Sample				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		140	pCi/L		104	70	130			
Sample ID: Cs137-GrAB-0682		Laboratory Control Sample				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		81	pCi/L		91	70	130			
Sample ID: C09060201-017DMS		Sample Matrix Spike				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		146	pCi/L		105	70	130			
Sample ID: C09060201-017DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		135	pCi/L		98	70	130	7.4	15.8	
Sample ID: C09060201-017DMS		Sample Matrix Spike				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		88.3	pCi/L		98	70	130			
Sample ID: C09060201-017DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		83.0	pCi/L		92	70	130	6.1	16.1	
Method: E903.0										Batch: RA226-3726
Sample ID: C09060201-006DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090607B				06/20/09 22:25
Radium 226		310	pCi/L		90	70	130			
Sample ID: C09060201-006DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090607B				06/20/09 23:58
Radium 226		310	pCi/L		73	70	130	0.9	13.3	
Sample ID: MB-RA226-3726	3	Method Blank				Run: BERTHOLD 770-2_090607B				06/20/09 23:58
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3726		Laboratory Control Sample				Run: BERTHOLD 770-2_090607B				06/20/09 23:58
Radium 226		7.2	pCi/L		93	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-3728	
Sample ID: C09060201-009DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090608C			06/25/09 15:50	
Radium 226		26	pCi/L		103	70	130			
Sample ID: C09060201-009DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090608C			06/25/09 15:50	
Radium 226		26	pCi/L		105	70	130	1.4	20.9	
Sample ID: MB-RA226-3728	3	Method Blank				Run: BERTHOLD 770-1_090608C			06/25/09 22:17	
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3728		Laboratory Control Sample				Run: BERTHOLD 770-1_090608C			06/25/09 22:17	
Radium 226		9.3	pCi/L		119	70	130			
Method: E903.0									Batch: RA226-3729	
Sample ID: C09060266-004DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090608A			06/22/09 10:39	
Radium 226		9.3	pCi/L		84	70	130			
Sample ID: C09060266-004DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090608A			06/22/09 12:11	
Radium 226		16	pCi/L		86	70	130	54	24	R
- The RPD for the MSD is high due to the MS and MSD being poured up at different volumes. The individual spike recoveries are within range, the MB is acceptable, and the LCS is within range, therefore the batch is approved.										
Sample ID: MB-RA226-3729	3	Method Blank				Run: BERTHOLD 770-1_090608A			06/22/09 12:11	
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3729		Laboratory Control Sample				Run: BERTHOLD 770-1_090608A			06/22/09 12:11	
Radium 226		7.2	pCi/L		93	70	130			
Method: E903.0									Batch: RA226-3734	
Sample ID: C09060266-014DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090609B			06/16/09 09:09	
Radium 226		19	pCi/L		87	70	130			
Sample ID: C09060266-014DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090609B			06/16/09 09:09	
Radium 226		19	pCi/L		88	70	130	0.8	23.6	
Sample ID: MB-RA226-3734	3	Method Blank				Run: BERTHOLD 770-1_090609B			06/16/09 10:41	
Radium 226		-0.04	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3734		Laboratory Control Sample				Run: BERTHOLD 770-1_090609B			06/16/09 10:41	
Radium 226		6.6	pCi/L		85	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2702
Sample ID: LCS-228-RA226-3726		Laboratory Control Sample				Run: TENNELEC-3_090607E				06/16/09 09:36
Radium 228		8.8	pCi/L		99	70	130			
Sample ID: MB-RA226-3726	3	Method Blank				Run: TENNELEC-3_090607E				06/16/09 09:36
Radium 228		0.3	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060201-007DMS		Sample Matrix Spike				Run: TENNELEC-3_090607E				06/16/09 09:36
Radium 228		21	pCi/L		110	70	130			
Sample ID: C09060201-007DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090607E				06/16/09 09:36
Radium 228		22	pCi/L		116	70	130	5.1	34.6	
Method: RA-05										Batch: RA228-2704
Sample ID: LCS-228-RA226-3728		Laboratory Control Sample				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		7.67	pCi/L		93	70	130			
Sample ID: MB-RA226-3728	3	Method Blank				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		-0.4	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060201-010DMS		Sample Matrix Spike				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		21.7	pCi/L		95	70	130			
Sample ID: C09060201-010DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		22.3	pCi/L		99	70	130	2.7	29.9	
Method: RA-05										Batch: RA228-2705
Sample ID: LCS-228-RA226-3729		Laboratory Control Sample				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		8.54	pCi/L		98	70	130			
Sample ID: MB-RA226-3729	3	Method Blank				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		0.05	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-005DMS		Sample Matrix Spike				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		23.1	pCi/L		82	70	130			
Sample ID: C09060266-005DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		22.7	pCi/L		80	70	130	1.7	28.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/11/09
Work Order: C09060201

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2711
Sample ID: LCS-228-RA226-3734		Laboratory Control Sample				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		8.81	pCi/L		110	70	130			
Sample ID: MB-RA226-3734	3	Method Blank				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		-0.8	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		24.1	pCi/L		104	70	130			
Sample ID: C09060266-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		23.4	pCi/L		100	70	130	2.8	30.2	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 6880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED

Gross alpha

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand

Cooler ID(s): N/A

Receipt Temp 4 °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Gross alpha
1	MO-104 #43	6-3-09		W 2gal	
2	MP-104 #44				
3	MU-104 #45				
4	MO-106 #46				
5	MP-106 #47				
6	MU-106 #48				
7	MO-107 #49				
8	MP-107 #50				
9	MU-107 #51				
10	M-133 #52				

C09060201

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hunt	6-3-09 17:00		Jay Butler	6-4-09 7:20	
Jay Butler	6-4-09 8:20				

Received by Laboratory: Andrea Larson Date/Time: 6/4/09 820 Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☒
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373	Email: john.cash@urenergyusa.com	Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

Gnidelines 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: Hand
Cooler ID(s): N/A
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y N
Bottles/Coolers B C
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Gnidelines 8									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	MO-108 #53	6-3-09		w 2gal													
2	MP-108 #54																
3	MO-109 #55																
4	MP-109 #56																
5	MU-109 #57																
6	MP-113 #58																
7	M-134 #59																
8																	
9																	C09060201
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hoult	6-3-09 17:00	[signature]	[signature]	6-4-09 7:20	[signature]
Jay Doutt	6-4-09 8:20	[signature]			
Sample Disposal: Return to Client: _____ Lab Disposal: _____			Received by Laboratory: Andrew Larsen	6/4/09 820	[signature]

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09060201

UR Energy USA Inc

Login completed by: Corinne Wagner

Date and Time Received: 6/4/2009 8:20 AM

Reviewed by:

Received by: al

Reviewed Date:

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	4°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Metals samples were preserved with 2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples for dissolved metals were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09060201 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 6/4/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09060201-001	MO-104	06/03/09 00:00	06/04/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09060201-002	MP-104	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-003	MU-104	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-004	MO-106	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-005	MP-106	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-006	MU-106	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-007	MO-107	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-008	MP-107	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-009	MU-107	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-010	M-133	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-011	MO-108	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-012	MP-108	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-013	MO-109	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-014	MP-109	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-015	MU-109	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-016	MP-113	06/03/09 00:00	06/04/09	Aqueous	Same As Above
C09060201-017	M-134	06/03/09 00:00	06/04/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09060201

Date: *14-Jul-09*

CASE NARRATIVE

PREP COMMENTS
The prep holding time for the Filtration of dissolved metals was exceeded by up to 3.6 days.

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C09060266 Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 6/5/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09060266-001	MO-103	06/04/09 0:00	06/05/09	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved
C09060266-002	MP-103	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-003	MU-103	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-004	MO-105	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-005	MP-105	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-006	MU-105	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-007	KPW-2	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-008	M-135	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-009	MU-101	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-010	MP-101	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-011	MO-101	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-012	MO-102	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-013	MP-102	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-014	MU-102	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-015	MP-111	06/04/09 0:00	06/05/09	Aqueous	Same As Above
C09060266-016	M-136	06/04/09 0:00	06/05/09	Aqueous	Same As Above

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Stephanie D. Waldrop

Stephanie D. Waldrop
Reporting Supervisor

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-001
Client Sample ID: MO-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	114	mg/L		1		A2320 B	06/09/09 23:56 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/09/09 23:56 / ljl
Bicarbonate as HCO3	139	mg/L		1		A2320 B	06/09/09 23:56 / ljl
Calcium	79	mg/L		1		E200.7	06/15/09 19:01 / aae
Chloride	6	mg/L		1		E300.0	06/12/09 02:51 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 19:02 / ljl
Magnesium	4	mg/L		1		E200.7	06/15/09 19:01 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:34 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.10	mg/L		0.05		E353.2	06/10/09 10:56 / eli-b
Potassium	2	mg/L		1		E200.7	06/15/09 19:01 / aae
Silica	15.4	mg/L		0.2		E200.7	06/19/09 19:29 / cp
Sodium	32	mg/L		1		E200.7	06/15/09 19:01 / aae
Sulfate	174	mg/L		1		E300.0	06/12/09 02:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	580	umhos/cm		1		A2510 B	06/05/09 15:15 / dd
pH	7.83	s.u.		0.01		A4500-H B	06/05/09 15:15 / dd
Solids, Total Dissolved TDS @ 180 C	426	mg/L		10		A2540 C	06/08/09 09:10 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 18:06 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 18:06 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 18:06 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 19:29 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 18:06 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 18:06 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 18:06 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 19:29 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 18:06 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 18:06 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 18:06 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 18:06 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 18:06 / ts
Selenium	0.014	mg/L		0.001		E200.8	06/09/09 18:06 / ts
Uranium	0.464	mg/L		0.0003		E200.8	06/09/09 18:06 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 18:06 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 18:06 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:23 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:23 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-001
Client Sample ID: MO-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	458	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha precision (±)	10.1	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta	110	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta precision (±)	3.0	pCi/L				E900.0	06/26/09 01:14 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 01:14 / cgr
Radium 226	3.4	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 226 precision (±)	0.38	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 226 MDC	0.20	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 228	2.4	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/16/09 14:42 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.11	%				Calculation	06/19/09 08:03 / kbh
Anions	6.10	meq/L				Calculation	06/19/09 08:03 / kbh
Cations	5.73	meq/L				Calculation	06/19/09 08:03 / kbh
Solids, Total Dissolved Calculated	367	mg/L				Calculation	06/19/09 08:03 / kbh
TDS Balance (0.80 - 1.20)	1.16					Calculation	06/19/09 08:03 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-002
Client Sample ID: MP-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	108	mg/L		1		A2320 B	06/10/09 00:04 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/10/09 00:04 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	06/10/09 00:04 / ljl
Calcium	77	mg/L		1		E200.7	06/15/09 19:35 / aae
Chloride	6	mg/L		1		E300.0	06/12/09 03:37 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 19:06 / ljl
Magnesium	4	mg/L		1		E200.7	06/15/09 19:35 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:38 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 10:57 / eli-b
Potassium	3	mg/L		1		E200.7	06/15/09 19:35 / aae
Silica	15.1	mg/L		0.2		E200.7	06/19/09 20:21 / cp
Sodium	34	mg/L		1		E200.7	06/15/09 19:35 / aae
Sulfate	167	mg/L		1		E300.0	06/12/09 03:37 / ljl
PHYSICAL PROPERTIES							
Conductivity	556	umhos/cm		1		A2510 B	06/05/09 15:17 / dd
pH	7.69	s.u.		0.01		A4500-H B	06/05/09 15:17 / dd
Solids, Total Dissolved TDS @ 180 C	404	mg/L		10		A2540 C	06/08/09 09:10 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 18:13 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 18:13 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 18:13 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:21 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 18:13 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 18:13 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 18:13 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:21 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 18:13 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 18:13 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 18:13 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 18:13 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 18:13 / ts
Selenium	0.003	mg/L		0.001		E200.8	06/09/09 18:13 / ts
Uranium	0.0640	mg/L		0.0003		E200.8	06/09/09 18:13 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 18:13 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 18:13 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:35 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:35 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-002
Client Sample ID: MP-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	296	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	8.0	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	123	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	118	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 226 precision (±)	2.2	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 226 MDC	0.21	pCi/L				E903.0	06/25/09 22:17 / trs
Radium 228	1.7	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/16/09 14:42 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/16/09 14:42 / plj
DATA QUALITY							
A/C Balance (± 5)	-0.863	%				Calculation	06/19/09 08:04 / kbh
Anions	5.80	meq/L				Calculation	06/19/09 08:04 / kbh
Cations	5.70	meq/L				Calculation	06/19/09 08:04 / kbh
Solids, Total Dissolved Calculated	355	mg/L				Calculation	06/19/09 08:04 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/19/09 08:04 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-003
Client Sample ID: MU-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	92	mg/L		1		A2320 B	06/10/09 00:26 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/10/09 00:26 / ljl
Bicarbonate as HCO3	112	mg/L		1		A2320 B	06/10/09 00:26 / ljl
Calcium	45	mg/L		1		E200.7	06/19/09 20:25 / cp
Chloride	4	mg/L		1		E300.0	06/12/09 03:52 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:18 / ljl
Magnesium	2	mg/L		1		E200.7	06/19/09 20:25 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:39 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 10:58 / eli-b
Potassium	2	mg/L		1		E200.7	06/19/09 20:25 / cp
Silica	15.9	mg/L		0.2		E200.7	06/19/09 20:25 / cp
Sodium	24	mg/L		1		E200.7	06/19/09 20:25 / cp
Sulfate	90	mg/L		1		E300.0	06/12/09 03:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	385	umhos/cm		1		A2510 B	06/05/09 15:19 / dd
pH	8.17	s.u.		0.01		A4500-H B	06/05/09 15:19 / dd
Solids, Total Dissolved TDS @ 180 C	290	mg/L		10		A2540 C	06/08/09 09:10 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 18:20 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 18:20 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 18:20 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:25 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 18:20 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 18:20 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 18:20 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:25 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 18:20 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 18:20 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 18:20 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 18:20 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 18:20 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 18:20 / ts
Uranium	0.0093	mg/L		0.0003		E200.8	06/09/09 18:20 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 18:20 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 18:20 / ts
METALS - TOTAL							
Iron	0.69	mg/L		0.03		E200.8	06/10/09 22:52 / sml
Manganese	0.01	mg/L		0.01		E200.8	06/10/09 22:52 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-003
Client Sample ID: MU-103

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	31.0	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	2.5	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	17.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	4.0	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 precision (±)	0.45	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 MDC	0.24	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 228	3.2	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/12/09 10:58 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.77	%				Calculation	06/23/09 10:06 / kbh
Anions	3.83	meq/L				Calculation	06/23/09 10:06 / kbh
Cations	3.49	meq/L				Calculation	06/23/09 10:06 / kbh
Solids, Total Dissolved Calculated	242	mg/L				Calculation	06/23/09 10:06 / kbh
TDS Balance (0.80 - 1.20)	1.20					Calculation	06/23/09 10:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-004
Client Sample ID: MO-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	06/10/09 00:33 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/10/09 00:33 / ljl
Bicarbonate as HCO3	129	mg/L		1		A2320 B	06/10/09 00:33 / ljl
Calcium	56	mg/L		1		E200.7	06/15/09 19:46 / aae
Chloride	5	mg/L		1		E300.0	06/12/09 04:08 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 19:21 / ljl
Magnesium	3	mg/L		1		E200.7	06/15/09 19:46 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:40 / eli-b
Nitrogen, Nitrate+Nitrite as N	0.15	mg/L		0.05		E353.2	06/10/09 10:52 / eli-b
Potassium	2	mg/L		1		E200.7	06/15/09 19:46 / aae
Silica	15.1	mg/L		0.2		E200.7	06/19/09 20:29 / cp
Sodium	31	mg/L		1		E200.7	06/15/09 19:46 / aae
Sulfate	122	mg/L		1		E300.0	06/12/09 04:08 / ljl
PHYSICAL PROPERTIES							
Conductivity	469	umhos/cm		1		A2510 B	06/05/09 15:22 / dd
pH	7.91	s.u.		0.01		A4500-H B	06/05/09 15:22 / dd
Solids, Total Dissolved TDS @ 180 C	336	mg/L		10		A2540 C	06/08/09 09:11 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 18:27 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 18:27 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 18:27 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:29 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 18:27 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 18:27 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 18:27 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:29 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 18:27 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 18:27 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 18:27 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 18:27 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 18:27 / ts
Selenium	0.016	mg/L		0.001		E200.8	06/09/09 18:27 / ts
Uranium	0.313	mg/L		0.0003		E200.8	06/09/09 18:27 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 18:27 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 18:27 / ts
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	06/22/09 13:43 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:43 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-004
Client Sample ID: MO-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	372	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	8.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	91.5	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	2.7	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 precision (±)	0.34	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	06/22/09 10:39 / trs
Radium 228	3.3	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	1	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.92	%				Calculation	06/19/09 08:05 / kbh
Anions	4.80	meq/L				Calculation	06/19/09 08:05 / kbh
Cations	4.44	meq/L				Calculation	06/19/09 08:05 / kbh
Solids, Total Dissolved Calculated	283	mg/L				Calculation	06/19/09 08:05 / kbh
TDS Balance (0.80 - 1.20)	1.19					Calculation	06/19/09 08:05 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-005
Client Sample ID: MP-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	87	mg/L		1		A2320 B	06/10/09 01:03 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	06/10/09 01:03 / ljl
Bicarbonate as HCO3	104	mg/L		1		A2320 B	06/10/09 01:03 / ljl
Calcium	56	mg/L		1		E200.7	06/15/09 19:51 / aae
Chloride	5	mg/L		1		E300.0	06/12/09 22:04 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:24 / ljl
Magnesium	2	mg/L		1		E200.7	06/15/09 19:51 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:42 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 10:59 / eli-b
Potassium	6	mg/L		1		E200.7	06/15/09 19:51 / aae
Silica	14.8	mg/L		0.2		E200.7	06/19/09 20:33 / cp
Sodium	32	mg/L		1		E200.7	06/15/09 19:51 / aae
Sulfate	134	mg/L		1		E300.0	06/12/09 22:04 / ljl
PHYSICAL PROPERTIES							
Conductivity	470	umhos/cm		1		A2510 B	06/05/09 15:23 / dd
pH	8.28	s.u.		0.01		A4500-H B	06/05/09 15:23 / dd
Solids, Total Dissolved TDS @ 180 C	343	mg/L		10		A2540 C	06/08/09 09:11 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 19:01 / ts
Arsenic	0.016	mg/L		0.001		E200.8	06/09/09 19:01 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 19:01 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:33 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 19:01 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 19:01 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 19:01 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:33 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 19:01 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 19:01 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 19:01 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 19:01 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 19:01 / ts
Selenium	0.005	mg/L		0.001		E200.8	06/09/09 19:01 / ts
Uranium	0.430	mg/L		0.0003		E200.8	06/09/09 19:01 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 19:01 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 19:01 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:47 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:47 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-005
Client Sample ID: MP-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	751	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	12.2	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	318	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	4.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	498	pCi/L				E903.0	06/22/09 12:11 / trs
Radium 226 precision (±)	6.2	pCi/L				E903.0	06/22/09 12:11 / trs
Radium 226 MDC	0.37	pCi/L				E903.0	06/22/09 12:11 / trs
Radium 228	8.9	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 precision (±)	1.6	pCi/L				RA-05	06/17/09 13:20 / plj
Radium 228 MDC	2.0	pCi/L				RA-05	06/17/09 13:20 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.50	%				Calculation	06/19/09 08:06 / kbh
Anions	4.68	meq/L				Calculation	06/19/09 08:06 / kbh
Cations	4.54	meq/L				Calculation	06/19/09 08:06 / kbh
Solids, Total Dissolved Calculated	288	mg/L				Calculation	06/19/09 08:06 / kbh
TDS Balance (0.80 - 1.20)	1.19					Calculation	06/19/09 08:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-006
Client Sample ID: MU-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	97	mg/L		1		A2320 B	06/10/09 01:11 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	06/10/09 01:11 / ljl
Bicarbonate as HCO3	116	mg/L		1		A2320 B	06/10/09 01:11 / ljl
Calcium	46	mg/L		1		E200.7	06/19/09 20:37 / cp
Chloride	4	mg/L		1		E300.0	06/12/09 22:50 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:26 / ljl
Magnesium	2	mg/L		1		E200.7	06/19/09 20:37 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:43 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:01 / eli-b
Potassium	3	mg/L		1		E200.7	06/19/09 20:37 / cp
Silica	15.9	mg/L		0.2		E200.7	06/19/09 20:37 / cp
Sodium	30	mg/L		1		E200.7	06/19/09 20:37 / cp
Sulfate	98	mg/L		1		E300.0	06/12/09 22:50 / ljl
PHYSICAL PROPERTIES							
Conductivity	412	umhos/cm		1		A2510 B	06/05/09 15:25 / dd
pH	8.32	s.u.		0.01		A4500-H B	06/05/09 15:25 / dd
Solids, Total Dissolved TDS @ 180 C	297	mg/L		10		A2540 C	06/08/09 09:13 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 21:17 / ts
Arsenic	0.003	mg/L		0.001		E200.8	06/09/09 21:17 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 21:17 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:37 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 21:17 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 21:17 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 21:17 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:37 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 21:17 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 21:17 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 21:17 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 21:17 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 21:17 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 21:17 / ts
Uranium	0.0231	mg/L		0.0003		E200.8	06/09/09 21:17 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 21:17 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 21:17 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:51 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:51 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-006
Client Sample ID: MU-105

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	150	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	5.3	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	55.2	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	2.4	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	58	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 226 precision (±)	1.6	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 226 MDC	0.22	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 228	4.2	pCi/L				RA-05	06/17/09 15:28 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/17/09 15:28 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/17/09 15:28 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.05	%				Calculation	06/23/09 10:06 / kbh
Anions	4.11	meq/L				Calculation	06/23/09 10:06 / kbh
Cations	3.79	meq/L				Calculation	06/23/09 10:06 / kbh
Solids, Total Dissolved Calculated	261	mg/L				Calculation	06/23/09 10:06 / kbh
TDS Balance (0.80 - 1.20)	1.14					Calculation	06/23/09 10:06 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-007
Client Sample ID: KPW-2

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	103	mg/L		1		A2320 B	06/10/09 01:18 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/10/09 01:18 / ljl
Bicarbonate as HCO3	126	mg/L		1		A2320 B	06/10/09 01:18 / ljl
Calcium	55	mg/L		1		E200.7	06/15/09 20:02 / aae
Chloride	5	mg/L		1		E300.0	06/12/09 23:52 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:29 / ljl
Magnesium	2	mg/L		1		E200.7	06/15/09 20:02 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:44 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:02 / eli-b
Potassium	4	mg/L		1		E200.7	06/15/09 20:02 / aae
Silica	16.8	mg/L		0.2		E200.7	06/19/09 20:50 / cp
Sodium	33	mg/L		1		E200.7	06/15/09 20:02 / aae
Sulfate	117	mg/L		1		E300.0	06/12/09 23:52 / ljl
PHYSICAL PROPERTIES							
Conductivity	467	umhos/cm		1		A2510 B	06/05/09 15:37 / dd
pH	7.89	s.u.		0.01		A4500-H B	06/05/09 15:37 / dd
Solids, Total Dissolved TDS @ 180 C	337	mg/L		10		A2540 C	06/08/09 09:13 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 21:24 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 21:24 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 21:24 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:50 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 21:24 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 21:24 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 21:24 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:50 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 21:24 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 21:24 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 21:24 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 21:24 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 21:24 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 21:24 / ts
Uranium	0.0186	mg/L		0.0003		E200.8	06/09/09 21:24 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 21:24 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 21:24 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:55 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:55 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-007
Client Sample ID: KPW-2

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	50.2	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	3.3	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	30.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	5.4	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 226 MDC	0.20	pCi/L				E903.0	06/22/09 10:55 / jah
Radium 228	5.2	pCi/L				RA-05	06/17/09 15:28 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/17/09 15:28 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/17/09 15:28 / plj
DATA QUALITY							
A/C Balance (± 5)	-1.85	%				Calculation	06/19/09 08:08 / kbh
Anions	4.65	meq/L				Calculation	06/19/09 08:08 / kbh
Cations	4.49	meq/L				Calculation	06/19/09 08:08 / kbh
Solids, Total Dissolved Calculated	279	mg/L				Calculation	06/19/09 08:08 / kbh
TDS Balance (0.80 - 1.20)	1.21					Calculation	06/19/09 08:08 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-008
Client Sample ID: M-135

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	100	mg/L		1		A2320 B	06/10/09 01:25 / ljl
Carbonate as CO3	1	mg/L		1		A2320 B	06/10/09 01:25 / ljl
Bicarbonate as HCO3	119	mg/L		1		A2320 B	06/10/09 01:25 / ljl
Calcium	47	mg/L		1		E200.7	06/19/09 20:58 / cp
Chloride	4	mg/L		1		E300.0	06/13/09 00:07 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:37 / ljl
Magnesium	2	mg/L		1		E200.7	06/19/09 20:58 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:45 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:03 / eli-b
Potassium	3	mg/L		1		E200.7	06/19/09 20:58 / cp
Silica	15.8	mg/L		0.2		E200.7	06/19/09 20:58 / cp
Sodium	30	mg/L		1		E200.7	06/19/09 20:58 / cp
Sulfate	97	mg/L		1		E300.0	06/13/09 00:07 / ljl
PHYSICAL PROPERTIES							
Conductivity	417	umhos/cm		1		A2510 B	06/05/09 15:39 / dd
pH	8.32	s.u.		0.01		A4500-H B	06/05/09 15:39 / dd
Solids, Total Dissolved TDS @ 180 C	279	mg/L		10		A2540 C	06/08/09 09:13 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 21:30 / ts
Arsenic	0.002	mg/L		0.001		E200.8	06/09/09 21:30 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 21:30 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 20:58 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 21:30 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 21:30 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 21:30 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 20:58 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 21:30 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 21:30 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 21:30 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 21:30 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 21:30 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 21:30 / ts
Uranium	0.0220	mg/L		0.0003		E200.8	06/09/09 21:30 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 21:30 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 21:30 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 13:59 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 13:59 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-008
Client Sample ID: M-135

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	189	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	6.0	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	71.1	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	2.5	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	77	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 226 precision (±)	2.0	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 226 MDC	0.25	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 228	4.4	pCi/L				RA-05	06/18/09 12:32 / plj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/18/09 12:32 / plj
Radium 228 MDC	1.4	pCi/L				RA-05	06/18/09 12:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-3.44	%				Calculation	07/15/09 09:35 / kbh
Anions	4.15	meq/L				Calculation	07/15/09 09:35 / kbh
Cations	3.87	meq/L				Calculation	07/15/09 09:35 / kbh
Solids, Total Dissolved Calculated	263	mg/L				Calculation	07/15/09 09:35 / kbh
TDS Balance (0.80 - 1.20)	1.06					Calculation	07/15/09 09:35 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-009
Client Sample ID: MU-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	06/16/09 15:36 / ljl
Carbonate as CO3	2	mg/L		1		A2320 B	06/16/09 15:36 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	06/16/09 15:36 / ljl
Calcium	64	mg/L		1		E200.7	06/15/09 20:13 / aae
Chloride	5	mg/L		1		E300.0	06/13/09 00:23 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:40 / ljl
Magnesium	2	mg/L		1		E200.7	06/15/09 20:13 / aae
Nitrogen, Ammonia as N	0.05	mg/L		0.05		E350.1	06/15/09 11:49 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:04 / eli-b
Potassium	6	mg/L		1		E200.7	06/15/09 20:13 / aae
Silica	16.8	mg/L		0.2		E200.7	06/19/09 21:14 / cp
Sodium	29	mg/L		1		E200.7	06/15/09 20:13 / aae
Sulfate	141	mg/L		1		E300.0	06/13/09 00:23 / ljl
PHYSICAL PROPERTIES							
Conductivity	522	umhos/cm		1		A2510 B	06/05/09 15:41 / dd
pH	8.59	s.u.		0.01		A4500-H B	06/05/09 15:41 / dd
Solids, Total Dissolved TDS @ 180 C	365	mg/L		10		A2540 C	06/08/09 09:14 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 21:37 / ts
Arsenic	0.002	mg/L		0.001		E200.8	06/09/09 21:37 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 21:37 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:14 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 21:37 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 21:37 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 21:37 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:14 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 21:37 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 21:37 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 21:37 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 21:37 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 21:37 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 21:37 / ts
Uranium	0.0065	mg/L		0.0003		E200.8	06/09/09 21:37 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 21:37 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 21:37 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:15 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 14:15 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-009
Client Sample ID: MU-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	38.7	pCi/L				E900.0	07/10/09 03:44 / cgr
Gross Alpha precision (±)	2.8	pCi/L				E900.0	07/10/09 03:44 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	07/10/09 03:44 / cgr
Gross Beta	16.2	pCi/L				E900.0	07/10/09 03:44 / cgr
Gross Beta precision (±)	2.0	pCi/L				E900.0	07/10/09 03:44 / cgr
Gross Beta MDC	2.9	pCi/L				E900.0	07/10/09 03:44 / cgr
Radium 226	9.9	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 226 precision (±)	0.67	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/23/09 09:23 / jah
Radium 228	4.7	pCi/L				RA-05	06/18/09 12:32 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/18/09 12:32 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/18/09 12:32 / plj
DATA QUALITY							
A/C Balance (± 5)	-5.09	%				Calculation	06/19/09 08:09 / kbh
Anions	5.32	meq/L				Calculation	06/19/09 08:09 / kbh
Cations	4.81	meq/L				Calculation	06/19/09 08:09 / kbh
Solids, Total Dissolved Calculated	315	mg/L				Calculation	06/19/09 08:09 / kbh
TDS Balance (0.80 - 1.20)	1.16					Calculation	06/19/09 08:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-010
Client Sample ID: MP-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	119	mg/L		1		A2320 B	06/16/09 15:43 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 15:43 / ljl
Bicarbonate as HCO3	145	mg/L		1		A2320 B	06/16/09 15:43 / ljl
Calcium	80	mg/L		1		E200.7	06/15/09 20:18 / aae
Chloride	6	mg/L		1		E300.0	06/13/09 00:38 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 19:47 / ljl
Magnesium	4	mg/L		1		E200.7	06/15/09 20:18 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:52 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:05 / eli-b
Potassium	2	mg/L		1		E200.7	06/15/09 20:18 / aae
Silica	15.8	mg/L		0.2		E200.7	06/19/09 21:18 / cp
Sodium	31	mg/L		1		E200.7	06/15/09 20:18 / aae
Sulfate	166	mg/L		1		E300.0	06/13/09 00:38 / ljl
PHYSICAL PROPERTIES							
Conductivity	578	umhos/cm		1		A2510 B	06/05/09 15:43 / dd
pH	7.90	s.u.		0.01		A4500-H B	06/05/09 15:43 / dd
Solids, Total Dissolved TDS @ 180 C	394	mg/L		10		A2540 C	06/08/09 09:14 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 21:57 / ts
Arsenic	0.005	mg/L		0.001		E200.8	06/09/09 21:57 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 21:57 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:18 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 21:57 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 21:57 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 21:57 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:18 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 21:57 / ts
Manganese	0.02	mg/L		0.01		E200.8	06/09/09 21:57 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 21:57 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 21:57 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 21:57 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 21:57 / ts
Uranium	0.0620	mg/L		0.0003		E200.8	06/09/09 21:57 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 21:57 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 21:57 / ts
METALS - TOTAL							
Iron	0.04	mg/L		0.03		E200.7	06/22/09 14:19 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/22/09 14:19 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-010
Client Sample ID: MP-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	565	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	11.2	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	144	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	3.3	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	290	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 226 precision (±)	3.7	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 228	4.3	pCi/L				RA-05	06/18/09 14:45 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/18/09 14:45 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/18/09 14:45 / plj
DATA QUALITY							
A/C Balance (± 5)	-2.50	%				Calculation	06/19/09 08:09 / kbh
Anions	6.00	meq/L				Calculation	06/19/09 08:09 / kbh
Cations	5.71	meq/L				Calculation	06/19/09 08:09 / kbh
Solids, Total Dissolved Calculated	360	mg/L				Calculation	06/19/09 08:09 / kbh
TDS Balance (0.80 - 1.20)	1.09					Calculation	06/19/09 08:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-011
Client Sample ID: MO-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	06/16/09 15:50 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 15:50 / ljl
Bicarbonate as HCO3	137	mg/L		1		A2320 B	06/16/09 15:50 / ljl
Calcium	89	mg/L		1		E200.7	06/19/09 21:22 / cp
Chloride	10	mg/L		1		E300.0	06/13/09 00:54 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 19:50 / ljl
Magnesium	4	mg/L		1		E200.7	06/19/09 21:22 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:53 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:12 / eli-b
Potassium	2	mg/L		1		E200.7	06/19/09 21:22 / cp
Silica	15.4	mg/L		0.2		E200.7	06/19/09 21:22 / cp
Sodium	29	mg/L		1		E200.7	06/19/09 21:22 / cp
Sulfate	199	mg/L		1		E300.0	06/13/09 00:54 / ljl
PHYSICAL PROPERTIES							
Conductivity	638	umhos/cm		1		A2510 B	06/05/09 15:45 / dd
pH	7.87	s.u.		0.01		A4500-H B	06/05/09 15:45 / dd
Solids, Total Dissolved TDS @ 180 C	451	mg/L		10		A2540 C	06/08/09 09:14 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 22:04 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 22:04 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 22:04 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:22 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 22:04 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 22:04 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 22:04 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:22 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 22:04 / ts
Manganese	0.01	mg/L		0.01		E200.8	06/09/09 22:04 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 22:04 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 22:04 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 22:04 / ts
Selenium	0.012	mg/L		0.001		E200.8	06/09/09 22:04 / ts
Uranium	0.368	mg/L		0.0003		E200.8	06/09/09 22:04 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 22:04 / ts
Zinc	0.01	mg/L		0.01		E200.8	06/09/09 22:04 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:23 / cp
Manganese	0.02	mg/L		0.01		E200.7	06/22/09 14:23 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-011
Client Sample ID: MO-101

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	440	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	10.3	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	2.1	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	108	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	3.1	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	5.2	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 226 precision (±)	0.50	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/23/09 09:24 / jah
Radium 228	2.4	pCi/L				RA-05	06/18/09 14:45 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/18/09 14:45 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/18/09 14:45 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.39	%				Calculation	06/23/09 10:09 / kbh
Anions	6.68	meq/L				Calculation	06/23/09 10:09 / kbh
Cations	6.12	meq/L				Calculation	06/23/09 10:09 / kbh
Solids, Total Dissolved Calculated	421	mg/L				Calculation	06/23/09 10:09 / kbh
TDS Balance (0.80 - 1.20)	1.07					Calculation	06/23/09 10:09 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-012
Client Sample ID: MO-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	109	mg/L		1		A2320 B	06/16/09 15:57 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 15:57 / ljl
Bicarbonate as HCO3	132	mg/L		1		A2320 B	06/16/09 15:57 / ljl
Calcium	77	mg/L		1		E200.7	06/19/09 21:26 / cp
Chloride	6	mg/L		1		E300.0	06/13/09 01:40 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 19:53 / ljl
Magnesium	4	mg/L		1		E200.7	06/19/09 21:26 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:55 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:14 / eli-b
Potassium	3	mg/L		1		E200.7	06/15/09 20:58 / aae
Silica	14.8	mg/L		0.2		E200.7	06/19/09 21:26 / cp
Sodium	29	mg/L		1		E200.7	06/19/09 21:26 / cp
Sulfate	180	mg/L		1		E300.0	06/13/09 01:40 / ljl
PHYSICAL PROPERTIES							
Conductivity	588	umhos/cm		1		A2510 B	06/05/09 15:47 / dd
pH	7.93	s.u.		0.01		A4500-H B	06/05/09 15:47 / dd
Solids, Total Dissolved TDS @ 180 C	393	mg/L		10		A2540 C	06/08/09 09:15 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 22:11 / ts
Arsenic	0.002	mg/L		0.001		E200.8	06/09/09 22:11 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 22:11 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:26 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 22:11 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 22:11 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 22:11 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:26 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 22:11 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 22:11 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 22:11 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 22:11 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 22:11 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 22:11 / ts
Uranium	0.339	mg/L		0.0003		E200.8	06/09/09 22:11 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 22:11 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 22:11 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:27 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 14:27 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-012
Client Sample ID: MO-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	388	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	9.3	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	95.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	2.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	8.6	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 226 precision (±)	0.77	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 226 MDC	0.30	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 228	3.8	pCi/L				RA-05	06/19/09 10:37 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/19/09 10:37 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/19/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.53	%				Calculation	06/23/09 10:12 / kbh
Anions	6.11	meq/L				Calculation	06/23/09 10:12 / kbh
Cations	5.58	meq/L				Calculation	06/23/09 10:12 / kbh
Solids, Total Dissolved Calculated	385	mg/L				Calculation	06/23/09 10:12 / kbh
TDS Balance (0.80 - 1.20)	1.02					Calculation	06/23/09 10:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-013
Client Sample ID: MP-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	112	mg/L		1		A2320 B	06/16/09 16:05 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 16:05 / ljl
Bicarbonate as HCO3	136	mg/L		1		A2320 B	06/16/09 16:05 / ljl
Calcium	61	mg/L		1		E200.7	06/19/09 21:30 / cp
Chloride	5	mg/L		1		E300.0	06/13/09 01:55 / ljl
Fluoride	0.2	mg/L		0.1		A4500-F C	06/08/09 20:09 / ljl
Magnesium	3	mg/L		1		E200.7	06/19/09 21:30 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:56 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:15 / eli-b
Potassium	2	mg/L		1		E200.7	06/19/09 21:30 / cp
Silica	15.7	mg/L		0.2		E200.7	06/19/09 21:30 / cp
Sodium	25	mg/L		1		E200.7	06/19/09 21:30 / cp
Sulfate	120	mg/L		1		E300.0	06/13/09 01:55 / ljl
PHYSICAL PROPERTIES							
Conductivity	478	umhos/cm		1		A2510 B	06/05/09 15:49 / dd
pH	7.93	s.u.		0.01		A4500-H B	06/05/09 15:49 / dd
Solids, Total Dissolved TDS @ 180 C	347	mg/L		10		A2540 C	06/08/09 09:15 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 22:45 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 22:45 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 22:45 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:30 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 22:45 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 22:45 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 22:45 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:30 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 22:45 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 22:45 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 22:45 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 22:45 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 22:45 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 22:45 / ts
Uranium	0.0702	mg/L		0.0003		E200.8	06/09/09 22:45 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 22:45 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 22:45 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:39 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 14:39 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-013
Client Sample ID: MP-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	591	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	10.9	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	161	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	3.4	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	248	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 226 precision (±)	3.5	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/23/09 16:01 / jah
Radium 228	4.1	pCi/L				RA-05	06/19/09 10:37 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	06/19/09 10:37 / plj
Radium 228 MDC	1.0	pCi/L				RA-05	06/19/09 10:37 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.68	%				Calculation	06/23/09 10:23 / kbh
Anions	4.88	meq/L				Calculation	06/23/09 10:23 / kbh
Cations	4.44	meq/L				Calculation	06/23/09 10:23 / kbh
Solids, Total Dissolved Calculated	303	mg/L				Calculation	06/23/09 10:23 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	06/23/09 10:23 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-014
Client Sample ID: MU-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	102	mg/L		1		A2320 B	06/16/09 16:12 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 16:12 / ljl
Bicarbonate as HCO3	125	mg/L		1		A2320 B	06/16/09 16:12 / ljl
Calcium	49	mg/L		1		E200.7	06/19/09 21:34 / cp
Chloride	4	mg/L		1		E300.0	06/13/09 02:11 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 20:12 / ljl
Magnesium	2	mg/L		1		E200.7	06/19/09 21:34 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:57 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:16 / eli-b
Potassium	2	mg/L		1		E200.7	06/19/09 21:34 / cp
Silica	16.0	mg/L		0.2		E200.7	06/19/09 21:34 / cp
Sodium	24	mg/L		1		E200.7	06/19/09 21:34 / cp
Sulfate	92	mg/L		1		E300.0	06/13/09 02:11 / ljl
PHYSICAL PROPERTIES							
Conductivity	407	umhos/cm		1		A2510 B	06/05/09 15:51 / dd
pH	8.30	s.u.		0.01		A4500-H B	06/05/09 15:51 / dd
Solids, Total Dissolved TDS @ 180 C	276	mg/L		10		A2540 C	06/08/09 09:15 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 22:52 / ts
Arsenic	0.001	mg/L		0.001		E200.8	06/09/09 22:52 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 22:52 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:34 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 22:52 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 22:52 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 22:52 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:34 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 22:52 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 22:52 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 22:52 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 22:52 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 22:52 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 22:52 / ts
Uranium	0.0098	mg/L		0.0003		E200.8	06/09/09 22:52 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 22:52 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 22:52 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:47 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 14:47 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-014
Client Sample ID: MU-102

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	30.7	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha precision (±)	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Alpha MDC	1.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta	15.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta precision (±)	1.8	pCi/L				E900.0	06/26/09 13:19 / cgr
Gross Beta MDC	2.6	pCi/L				E900.0	06/26/09 13:19 / cgr
Radium 226	4.9	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 precision (±)	0.49	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 228	3.5	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/12/09 10:58 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.86	%				Calculation	06/23/09 10:32 / kbh
Anions	4.10	meq/L				Calculation	06/23/09 10:32 / kbh
Cations	3.72	meq/L				Calculation	06/23/09 10:32 / kbh
Solids, Total Dissolved Calculated	256	mg/L				Calculation	06/23/09 10:32 / kbh
TDS Balance (0.80 - 1.20)	1.08					Calculation	06/23/09 10:32 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-015
Client Sample ID: MP-111

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	110	mg/L		1		A2320 B	06/16/09 16:19 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 16:19 / ljl
Bicarbonate as HCO3	134	mg/L		1		A2320 B	06/16/09 16:19 / ljl
Calcium	55	mg/L		1		E200.7	06/15/09 21:19 / aae
Chloride	6	mg/L		1		E300.0	06/13/09 02:26 / ljl
Fluoride	0.1	mg/L		0.1		A4500-F C	06/08/09 20:17 / ljl
Magnesium	3	mg/L		1		E200.7	06/15/09 21:19 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:58 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:17 / eli-b
Potassium	5	mg/L		1		E200.7	06/15/09 21:19 / aae
Silica	14.5	mg/L		0.2		E200.7	06/19/09 21:38 / cp
Sodium	34	mg/L		1		E200.7	06/15/09 21:19 / aae
Sulfate	127	mg/L		1		E300.0	06/13/09 02:26 / ljl
PHYSICAL PROPERTIES							
Conductivity	493	umhos/cm		1		A2510 B	06/05/09 15:52 / dd
pH	8.31	s.u.		0.01		A4500-H B	06/05/09 15:52 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L		10		A2540 C	06/08/09 09:15 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 22:58 / ts
Arsenic	0.005	mg/L		0.001		E200.8	06/09/09 22:58 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 22:58 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:38 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 22:58 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 22:58 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 22:58 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:38 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 22:58 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 22:58 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 22:58 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 22:58 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 22:58 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 22:58 / ts
Uranium	0.273	mg/L		0.0003		E200.8	06/09/09 22:58 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 22:58 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 22:58 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 14:51 / cp
Manganese	ND	mg/L		0.01		E200.7	06/22/09 14:51 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-015
Client Sample ID: MP-111

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1010	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Alpha precision (±)	14.7	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Alpha MDC	2.0	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Beta	337	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Beta precision (±)	4.8	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Beta MDC	2.7	pCi/L				E900.0	06/27/09 03:40 / cgr
Radium 226	445	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 precision (±)	4.3	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 228	6.2	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 precision (±)	1	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	06/12/09 10:58 / plj
DATA QUALITY							
A/C Balance (± 5)	-4.47	%				Calculation	06/19/09 08:11 / kbh
Anions	4.99	meq/L				Calculation	06/19/09 08:11 / kbh
Cations	4.56	meq/L				Calculation	06/19/09 08:11 / kbh
Solids, Total Dissolved Calculated	295	mg/L				Calculation	06/19/09 08:11 / kbh
TDS Balance (0.80 - 1.20)	1.15					Calculation	06/19/09 08:11 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-016
Client Sample ID: M-136

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	ND	mg/L		1		A2320 B	06/16/09 16:24 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	06/16/09 16:24 / ljl
Bicarbonate as HCO3	ND	mg/L		1		A2320 B	06/16/09 16:24 / ljl
Calcium	ND	mg/L		1		E200.7	06/15/09 21:25 / aae
Chloride	ND	mg/L		1		E300.0	06/13/09 02:42 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	06/08/09 20:24 / ljl
Magnesium	ND	mg/L		1		E200.7	06/15/09 21:25 / aae
Nitrogen, Ammonia as N	ND	mg/L		0.05		E350.1	06/15/09 11:59 / eli-b
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/10/09 11:09 / eli-b
Potassium	ND	mg/L		1		E200.7	06/15/09 21:25 / aae
Silica	ND	mg/L		0.2		E200.7	06/19/09 21:42 / cp
Sodium	ND	mg/L		1		E200.7	06/15/09 21:25 / aae
Sulfate	ND	mg/L		1		E300.0	06/13/09 02:42 / ljl
PHYSICAL PROPERTIES							
Conductivity	3	umhos/cm		1		A2510 B	06/05/09 15:57 / dd
pH	6.02	s.u.		0.01		A4500-H B	06/05/09 15:57 / dd
Solids, Total Dissolved TDS @ 180 C	19	mg/L		10		A2540 C	06/08/09 09:16 / emm
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	06/09/09 23:05 / ts
Arsenic	ND	mg/L		0.001		E200.8	06/09/09 23:05 / ts
Barium	ND	mg/L		0.1		E200.8	06/09/09 23:05 / ts
Boron	ND	mg/L		0.1		E200.7	06/19/09 21:42 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/09/09 23:05 / ts
Chromium	ND	mg/L		0.05		E200.8	06/09/09 23:05 / ts
Copper	ND	mg/L		0.01		E200.8	06/09/09 23:05 / ts
Iron	ND	mg/L		0.03		E200.7	06/19/09 21:42 / cp
Lead	ND	mg/L		0.001		E200.8	06/09/09 23:05 / ts
Manganese	ND	mg/L		0.01		E200.8	06/09/09 23:05 / ts
Mercury	ND	mg/L		0.001		E200.8	06/09/09 23:05 / ts
Molybdenum	ND	mg/L		0.1		E200.8	06/09/09 23:05 / ts
Nickel	ND	mg/L		0.05		E200.8	06/09/09 23:05 / ts
Selenium	ND	mg/L		0.001		E200.8	06/09/09 23:05 / ts
Uranium	ND	mg/L		0.0003		E200.8	06/09/09 23:05 / ts
Vanadium	ND	mg/L		0.1		E200.8	06/09/09 23:05 / ts
Zinc	ND	mg/L		0.01		E200.8	06/09/09 23:05 / ts
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	06/22/09 15:44 / cp
Manganese	ND	mg/L		0.01		E200.7	06/23/09 14:59 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: UR Energy USA Inc
Project: Lost Creek
Lab ID: C09060266-016
Client Sample ID: M-136

Report Date: 07/15/09
Collection Date: 06/04/09
DateReceived: 06/05/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	-0.1	pCi/L	U			E900.0	06/27/09 03:40 / cgr
Gross Alpha precision (±)	0.6	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Alpha MDC	1.1	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Beta	-3	pCi/L	U			E900.0	06/27/09 03:40 / cgr
Gross Beta precision (±)	1.5	pCi/L				E900.0	06/27/09 03:40 / cgr
Gross Beta MDC	2.5	pCi/L				E900.0	06/27/09 03:40 / cgr
Radium 226	-0.1	pCi/L	U			E903.0	06/16/09 09:09 / jah
Radium 226 precision (±)	0.10	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 226 MDC	0.23	pCi/L				E903.0	06/16/09 09:09 / jah
Radium 228	2.5	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	06/12/09 10:58 / plj
Radium 228 MDC	1.3	pCi/L				RA-05	06/12/09 10:58 / plj
DATA QUALITY							
A/C Balance (± 5)	-18.2	%				Calculation	06/19/09 08:13 / kbh
Anions	0.0142	meq/L				Calculation	06/19/09 08:13 / kbh
Cations	0.00986	meq/L				Calculation	06/19/09 08:13 / kbh

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2320 B										Batch: R119337
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090609A				06/09/09 14:16
Alkalinity, Total as CaCO3		3	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		3	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:31
Alkalinity, Total as CaCO3		205	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090609A				06/09/09 14:38
Alkalinity, Total as CaCO3		53.5	mg/L	5.0	102	90	110			
Sample ID: C09060266-002AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/10/09 00:11
Alkalinity, Total as CaCO3		232	mg/L	5.0	99	80	120			
Sample ID: C09060266-002AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/10/09 00:19
Alkalinity, Total as CaCO3		233	mg/L	5.0	100	80	120	0.6	20	
Sample ID: C09060266-008AMS		Sample Matrix Spike				Run: MANTECH_090609A				06/10/09 01:33
Alkalinity, Total as CaCO3		226	mg/L	5.0	101	80	120			
Sample ID: C09060266-008AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090609A				06/10/09 01:40
Alkalinity, Total as CaCO3		225	mg/L	5.0	100	80	120	0.4	20	
Method: A2320 B										Batch: R119656
Sample ID: MBLK	3	Method Blank				Run: MANTECH_090616B				06/16/09 15:07
Alkalinity, Total as CaCO3		2	mg/L	0.2						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		2	mg/L	1						
Sample ID: LCS1		Laboratory Control Sample				Run: MANTECH_090616B				06/16/09 15:22
Alkalinity, Total as CaCO3		204	mg/L	5.0	101	90	110			
Sample ID: LCS		Laboratory Control Sample				Run: MANTECH_090616B				06/16/09 15:29
Alkalinity, Total as CaCO3		52.5	mg/L	5.0	102	90	110			
Sample ID: C09060266-016AMS		Sample Matrix Spike				Run: MANTECH_090616B				06/16/09 16:31
Alkalinity, Total as CaCO3		128	mg/L	5.0	102	80	120			
Sample ID: C09060266-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090616B				06/16/09 16:39
Alkalinity, Total as CaCO3		129	mg/L	5.0	103	80	120	1.3	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B									Analytical Run: ORION555A_090605A	
Sample ID: ICV2_090605_2		Initial Calibration Verification Standard							06/05/09 14:42	
Conductivity		1420	umhos/cm	1.0	100	90	110			
Method: A2510 B									Batch: 090605_2_PH-W_555A-2	
Sample ID: MBLK1_090605_2		Method Blank				Run: ORION555A_090605A			06/05/09 14:38	
Conductivity		7	umhos/cm	0.2						
Sample ID: C09060266-006ADUP		Sample Duplicate				Run: ORION555A_090605A			06/05/09 15:27	
Conductivity		413	umhos/cm	1.0				0.2	10	
Sample ID: C09060266-016ADUP		Sample Duplicate				Run: ORION555A_090605A			06/05/09 16:00	
Conductivity		2.60	umhos/cm	1.0				0	10	
Method: A2540 C									Batch: 090608_1_SLDS-TDS-W	
Sample ID: MBLK1_090608		Method Blank				Run: BAL-1_090608B			06/08/09 08:53	
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	6						
Sample ID: LCS1_090608		Laboratory Control Sample				Run: BAL-1_090608B			06/08/09 08:53	
Solids, Total Dissolved TDS @ 180 C		990	mg/L	10	99	90	110			
Sample ID: C09060266-005AMS		Sample Matrix Spike				Run: BAL-1_090608B			06/08/09 09:12	
Solids, Total Dissolved TDS @ 180 C		2360	mg/L	10	101	90	110			
Sample ID: C09060266-005AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090608B			06/08/09 09:12	
Solids, Total Dissolved TDS @ 180 C		2390	mg/L	10	103	90	110	1.3	10	
Sample ID: C09060266-015AMS		Sample Matrix Spike				Run: BAL-1_090608B			06/08/09 09:16	
Solids, Total Dissolved TDS @ 180 C		2390	mg/L	10	102	90	110			
Sample ID: C09060266-015AMSD		Sample Matrix Spike Duplicate				Run: BAL-1_090608B			06/08/09 09:16	
Solids, Total Dissolved TDS @ 180 C		2410	mg/L	10	103	90	110	0.7	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-F C										Batch: R119289
Sample ID: MBLK-1		Method Blank				Run: MANTECH_090608A				06/08/09 15:01
Fluoride		ND	mg/L	0.05						
Sample ID: LCS-1		Laboratory Control Sample				Run: MANTECH_090608A				06/08/09 15:04
Fluoride		1.02	mg/L	0.10	102	90	110			
Sample ID: C09060266-007AMS		Sample Matrix Spike				Run: MANTECH_090608A				06/08/09 19:32
Fluoride		1.14	mg/L	0.10	100	80	120			
Sample ID: C09060266-007AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A				06/08/09 19:34
Fluoride		1.16	mg/L	0.10	102	80	120	1.7	10	
Sample ID: C09060266-016AMS		Sample Matrix Spike				Run: MANTECH_090608A				06/08/09 20:29
Fluoride		1.02	mg/L	0.10	102	80	120			
Sample ID: C09060266-016AMSD		Sample Matrix Spike Duplicate				Run: MANTECH_090608A				06/08/09 20:33
Fluoride		1.02	mg/L	0.10	102	80	120	0	10	
Method: A4500-H B										Analytical Run: ORION555A_090605A
Sample ID: ICV1_090605_2		Initial Calibration Verification Standard								06/05/09 14:40
pH		6.89	s.u.	0.010	100	98	102			
Method: A4500-H B										Batch: 090605_2_PH-W_555A-2
Sample ID: C09060266-006ADUP		Sample Duplicate				Run: ORION555A_090605A				06/05/09 15:27
pH		8.32	s.u.	0.010				0	10	
Sample ID: C09060266-016ADUP		Sample Duplicate				Run: ORION555A_090605A				06/05/09 16:00
pH		5.97	s.u.	0.010				0.8	10	

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119592
Sample ID: LRB	4	Method Blank				Run: ICP3-C_090615A				06/15/09 15:35
Calcium		ND	mg/L	0.2						
Magnesium		0.2	mg/L	0.2						
Potassium		ND	mg/L	0.03						
Sodium		ND	mg/L	0.1						
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090615A				06/15/09 15:41
Calcium		50.1	mg/L	0.50	100	85	115			
Magnesium		50.8	mg/L	0.50	101	85	115			
Potassium		48.7	mg/L	0.50	97	85	115			
Sodium		50.3	mg/L	0.50	101	85	115			
Sample ID: C09060266-001BMS	4	Sample Matrix Spike				Run: ICP3-C_090615A				06/15/09 19:06
Calcium		146	mg/L	1.0	132	70	130			S
Magnesium		69.4	mg/L	1.0	128	70	130			
Potassium		67.0	mg/L	1.0	127	70	130			
Sodium		99.8	mg/L	1.0	133	70	130			S
Sample ID: C09060266-001BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090615A				06/15/09 19:12
Calcium		138	mg/L	1.0	115	70	130	6.1	20	
Magnesium		61.8	mg/L	1.0	113	70	130	12	20	
Potassium		60.3	mg/L	1.0	114	70	130	10	20	
Sodium		91.4	mg/L	1.0	116	70	130	8.8	20	
Sample ID: C09060266-011BMS	4	Sample Matrix Spike				Run: ICP3-C_090615A				06/15/09 20:47
Calcium		135	mg/L	1.0	111	70	130			
Magnesium		57.0	mg/L	1.0	104	70	130			
Potassium		54.6	mg/L	1.0	103	70	130			
Sodium		85.7	mg/L	1.0	109	70	130			
Sample ID: C09060266-011BMSD	4	Sample Matrix Spike Duplicate				Run: ICP3-C_090615A				06/15/09 20:52
Calcium		138	mg/L	1.0	116	70	130	1.8	20	
Magnesium		60.3	mg/L	1.0	110	70	130	5.7	20	
Potassium		59.8	mg/L	1.0	113	70	130	9	20	
Sodium		89.3	mg/L	1.0	116	70	130	4.1	20	
Sample ID: LFB	4	Laboratory Fortified Blank				Run: ICP3-C_090615A				06/15/09 15:41
Calcium		50.1	mg/L	0.50	100	85	115			
Magnesium		50.8	mg/L	0.50	102	85	115			
Potassium		48.7	mg/L	0.50	97	85	115			
Sodium		50.3	mg/L	0.50	100	85	115			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119858
Sample ID: MB-090619A	7	Method Blank				Run: ICP2-C_090619A				06/19/09 14:47
Boron		ND	mg/L	0.03						
Calcium		ND	mg/L	0.2						
Iron		ND	mg/L	0.005						
Magnesium		ND	mg/L	0.09						
Potassium		ND	mg/L	0.1						
Silicon		0.03	mg/L	0.01						
Sodium		ND	mg/L	0.2						
Sample ID: LFB-090619A	7	Laboratory Fortified Blank				Run: ICP2-C_090619A				06/19/09 14:51
Boron		1.04	mg/L	0.10	104	85	115			
Calcium		49.3	mg/L	0.50	99	85	115			
Iron		0.975	mg/L	0.030	98	85	115			
Magnesium		50.2	mg/L	0.50	100	85	115			
Potassium		46.3	mg/L	0.50	93	85	115			
Silicon		0.463	mg/L	0.015	108	85	115			
Sodium		48.1	mg/L	0.50	96	85	115			
Sample ID: C09060266-006BMS2	7	Sample Matrix Spike				Run: ICP2-C_090619A				06/19/09 20:42
Boron		2.16	mg/L	0.10	106	70	130			
Calcium		145	mg/L	1.0	97	70	130			
Iron		1.96	mg/L	0.030	96	70	130			
Magnesium		101	mg/L	1.0	98	70	130			
Potassium		95.6	mg/L	1.0	91	70	130			
Silicon		8.24	mg/L	0.10		70	130			A
Sodium		133	mg/L	1.0	101	70	130			
Sample ID: C09060266-006BMSD	7	Sample Matrix Spike Duplicate				Run: ICP2-C_090619A				06/19/09 20:46
Boron		2.18	mg/L	0.10	107	70	130	1.1	20	
Calcium		144	mg/L	1.0	96	70	130	0.6	20	
Iron		1.95	mg/L	0.030	95	70	130	0.5	20	
Magnesium		103	mg/L	1.0	99	70	130	1.8	20	
Potassium		98.5	mg/L	1.0	94	70	130	3	20	
Silicon		8.22	mg/L	0.10		70	130	0.2	20	A
Sodium		131	mg/L	1.0	100	70	130	1.1	20	
Sample ID: C09060266-016BMS2	7	Sample Matrix Spike				Run: ICP2-C_090619A				06/19/09 21:46
Boron		2.10	mg/L	0.10	103	70	130			
Calcium		98.8	mg/L	1.0	97	70	130			
Iron		1.94	mg/L	0.030	95	70	130			
Magnesium		101	mg/L	1.0	99	70	130			
Potassium		95.2	mg/L	1.0	93	70	130			
Silicon		0.952	mg/L	0.10	112	70	130			
Sodium		100	mg/L	1.0	98	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7										Batch: R119858
Sample ID: C09060266-016BMSD	7	Sample Matrix Spike Duplicate				Run: ICP2-C_090619A				06/19/09 21:51
Boron		2.12	mg/L	0.10	104	70	130	1	20	
Calcium		97.3	mg/L	1.0	95	70	130	1.5	20	
Iron		1.95	mg/L	0.030	96	70	130	0.8	20	
Magnesium		102	mg/L	1.0	100	70	130	1	20	
Potassium		96.0	mg/L	1.0	94	70	130	0.8	20	
Silicon		0.958	mg/L	0.10	113	70	130	0.6	20	
Sodium		99.9	mg/L	1.0	98	70	130	0.4	20	
Method: E200.7										Batch: R119937
Sample ID: MB-090622A	2	Method Blank				Run: ICP2-C_090622A				06/22/09 12:16
Iron		ND	mg/L	0.005						
Manganese		ND	mg/L	0.001						
Sample ID: LFB-090622A	2	Laboratory Fortified Blank				Run: ICP2-C_090622A				06/22/09 12:20
Iron		1.01	mg/L	0.030	101	85	115			
Manganese		0.961	mg/L	0.010	96	85	115			
Sample ID: C09060266-001CMS2	2	Sample Matrix Spike				Run: ICP2-C_090622A				06/22/09 13:27
Iron		2.04	mg/L	0.067	100	70	130			
Manganese		2.02	mg/L	0.014	99	70	130			
Sample ID: C09060266-001CMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090622A				06/22/09 13:31
Iron		2.00	mg/L	0.067	98	70	130	2.1	20	
Manganese		2.02	mg/L	0.014	99	70	130	0	20	
Sample ID: C09060266-012CMS2	2	Sample Matrix Spike				Run: ICP2-C_090622A				06/22/09 14:31
Iron		1.97	mg/L	0.067	97	70	130			
Manganese		2.00	mg/L	0.014	98	70	130			
Sample ID: C09060266-012CMSD	2	Sample Matrix Spike Duplicate				Run: ICP2-C_090622A				06/22/09 14:35
Iron		1.99	mg/L	0.067	98	70	130	1	20	
Manganese		2.03	mg/L	0.014	100	70	130	1.5	20	
Method: E200.7										Batch: R120019
Sample ID: MB-090623A		Method Blank				Run: ICP2-C_090623A				06/23/09 13:03
Manganese		ND	mg/L	0.001						
Sample ID: LFB-090623A		Laboratory Fortified Blank				Run: ICP2-C_090623A				06/23/09 13:07
Manganese		0.972	mg/L	0.010	97	85	115			
Sample ID: C09060266-016CMS2		Sample Matrix Spike				Run: ICP2-C_090623A				06/23/09 15:03
Manganese		1.89	mg/L	0.014	93	70	130			
Sample ID: C09060266-016CMSD		Sample Matrix Spike Duplicate				Run: ICP2-C_090623A				06/23/09 15:07
Manganese		1.93	mg/L	0.014	95	70	130	2.1	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: 22654
Sample ID: MB-22654	2	Method Blank				Run: ICPMS4-C_090610A				06/10/09 20:50
Iron		0.004	mg/L	0.002						
Manganese		0.0004	mg/L	4E-05						
Sample ID: LCS3-22654	2	Laboratory Control Sample				Run: ICPMS4-C_090610A				06/10/09 20:57
Iron		2.47	mg/L	0.030	98	85	115			
Manganese		2.62	mg/L	0.010	105	85	115			
Sample ID: C09060274-001DMS3	2	Sample Matrix Spike				Run: ICPMS4-C_090610A				06/10/09 23:33
Iron		2.22	mg/L	0.030	85	70	130			
Manganese		2.44	mg/L	0.010	90	70	130			
Sample ID: C09060274-001DMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS4-C_090610A				06/10/09 23:39
Iron		2.31	mg/L	0.030	89	70	130	4.3	20	
Manganese		2.53	mg/L	0.010	93	70	130	3.7	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119345
Sample ID: LRB	15	Method Blank				Run: ICPMS2-C_090609A				06/09/09 11:40
Aluminum		ND	mg/L	0.002						
Arsenic		ND	mg/L	0.0003						
Barium		ND	mg/L	3E-05						
Cadmium		ND	mg/L	6E-05						
Chromium		8E-05	mg/L	8E-05						
Copper		8E-05	mg/L	4E-05						
Lead		ND	mg/L	2E-05						
Manganese		ND	mg/L	5E-05						
Mercury		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	4E-05						
Nickel		ND	mg/L	9E-05						
Selenium		ND	mg/L	0.001						
Uranium		ND	mg/L	8E-06						
Vanadium		ND	mg/L	9E-05						
Zinc		0.001	mg/L	6E-05						
Sample ID: LFB	15	Laboratory Fortified Blank				Run: ICPMS2-C_090609A				06/09/09 11:47
Aluminum		0.0504	mg/L	0.0022	101	85	115			
Arsenic		0.0521	mg/L	0.0010	104	85	115			
Barium		0.0522	mg/L	0.0010	104	85	115			
Cadmium		0.0525	mg/L	0.0010	105	85	115			
Chromium		0.0519	mg/L	0.0010	104	85	115			
Copper		0.0522	mg/L	0.0010	104	85	115			
Lead		0.0519	mg/L	0.0010	104	85	115			
Manganese		0.0508	mg/L	0.0010	102	85	115			
Mercury		0.00519	mg/L	0.0010	104	85	115			
Molybdenum		0.0516	mg/L	0.0010	103	85	115			
Nickel		0.0521	mg/L	0.0010	104	85	115			
Selenium		0.0523	mg/L	0.0014	105	85	115			
Uranium		0.0499	mg/L	0.00030	100	85	115			
Vanadium		0.0512	mg/L	0.0010	102	85	115			
Zinc		0.0530	mg/L	0.0010	104	85	115			
Sample ID: C09060266-009BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 21:44
Aluminum		0.0747	mg/L	0.0010	97	70	130			
Arsenic		0.0538	mg/L	0.0010	104	70	130			
Barium		0.0876	mg/L	0.0010	104	70	130			
Cadmium		0.0518	mg/L	0.010	104	70	130			
Chromium		0.0504	mg/L	0.0010	101	70	130			
Copper		0.0503	mg/L	0.010	100	70	130			
Lead		0.0517	mg/L	0.050	103	70	130			
Manganese		0.0540	mg/L	0.010	98	70	130			
Mercury		0.00513	mg/L	0.0010	103	70	130			
Molybdenum		0.0529	mg/L	0.0010	105	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119345
Sample ID: C09060266-009BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 21:44
Nickel		0.0500	mg/L	0.0010	100	70	130			
Selenium		0.0514	mg/L	0.0010	103	70	130			
Uranium		0.0573	mg/L	0.00030	101	70	130			
Vanadium		0.0504	mg/L	0.0010	101	70	130			
Zinc		0.0514	mg/L	0.010	100	70	130			
Sample ID: C09060266-009BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A				06/09/09 21:51
Aluminum		0.0803	mg/L	0.0010	108	70	130	7.2	20	
Arsenic		0.0540	mg/L	0.0010	104	70	130	0.3	20	
Barium		0.0882	mg/L	0.0010	105	70	130	0.7	20	
Cadmium		0.0519	mg/L	0.010	104	70	130	0.2	20	
Chromium		0.0499	mg/L	0.0010	100	70	130	1.1	20	
Copper		0.0501	mg/L	0.010	100	70	130	0.4	20	
Lead		0.0511	mg/L	0.050	102	70	130	1.2	20	
Manganese		0.0535	mg/L	0.010	97	70	130	1	20	
Mercury		0.00501	mg/L	0.0010	100	70	130	2.3	20	
Molybdenum		0.0528	mg/L	0.0010	104	70	130	0.2	20	
Nickel		0.0499	mg/L	0.0010	100	70	130	0.2	20	
Selenium		0.0512	mg/L	0.0010	102	70	130	0.4	20	
Uranium		0.0568	mg/L	0.00030	101	70	130	0.8	20	
Vanadium		0.0501	mg/L	0.0010	100	70	130	0.5	20	
Zinc		0.0535	mg/L	0.010	105	70	130	4	20	
Sample ID: C09060266-016BMS4	15	Sample Matrix Spike				Run: ICPMS2-C_090609A				06/09/09 23:12
Aluminum		0.0460	mg/L	0.0010	92	70	130			
Arsenic		0.0513	mg/L	0.0010	103	70	130			
Barium		0.0519	mg/L	0.0010	103	70	130			
Cadmium		0.0518	mg/L	0.010	104	70	130			
Chromium		0.0509	mg/L	0.0010	102	70	130			
Copper		0.0521	mg/L	0.010	104	70	130			
Lead		0.0510	mg/L	0.050	102	70	130			
Manganese		0.0501	mg/L	0.010	99	70	130			
Mercury		0.00496	mg/L	0.0010	99	70	130			
Molybdenum		0.0505	mg/L	0.0010	101	70	130			
Nickel		0.0509	mg/L	0.0010	102	70	130			
Selenium		0.0524	mg/L	0.0010	105	70	130			
Uranium		0.0493	mg/L	0.00030	98	70	130			
Vanadium		0.0496	mg/L	0.0010	99	70	130			
Zinc		0.0546	mg/L	0.010	102	70	130			
Sample ID: C09060266-016BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A				06/09/09 23:19
Aluminum		0.0478	mg/L	0.0010	96	70	130	3.7	20	
Arsenic		0.0507	mg/L	0.0010	101	70	130	1.3	20	
Barium		0.0517	mg/L	0.0010	103	70	130	0.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R119345
Sample ID: C09060266-016BMSD	15	Sample Matrix Spike Duplicate				Run: ICPMS2-C_090609A				06/09/09 23:19
Cadmium		0.0518	mg/L	0.010	104	70	130	0	20	
Chromium		0.0510	mg/L	0.0010	102	70	130	0.3	20	
Copper		0.0525	mg/L	0.010	104	70	130	0.8	20	
Lead		0.0506	mg/L	0.050	101	70	130	0.8	20	
Manganese		0.0503	mg/L	0.010	99	70	130	0.5	20	
Mercury		0.00495	mg/L	0.0010	99	70	130	0.2	20	
Molybdenum		0.0505	mg/L	0.0010	101	70	130	0.1	20	
Nickel		0.0505	mg/L	0.0010	101	70	130	0.8	20	
Selenium		0.0522	mg/L	0.0010	104	70	130	0.4	20	
Uranium		0.0488	mg/L	0.00030	97	70	130	1.1	20	
Vanadium		0.0496	mg/L	0.0010	99	70	130	0	20	
Zinc		0.0543	mg/L	0.010	102	70	130	0.6	20	
Method: E300.0										Batch: R119443
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090610A				06/10/09 22:35
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		38.6	mg/L	1.0	96	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090610A				06/10/09 22:51
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09060266-001AMS	2	Sample Matrix Spike				Run: IC1-C_090610A				06/12/09 03:06
Chloride		26.4	mg/L	1.0	102	90	110			
Sulfate		250	mg/L	1.0	97	90	110			
Sample ID: C09060266-001AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090610A				06/12/09 03:21
Chloride		26.7	mg/L	1.0	104	90	110	1.2	20	
Sulfate		251	mg/L	1.0	98	90	110	0.4	20	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0										Batch: R119537
Sample ID: LCS	2	Laboratory Control Sample				Run: IC1-C_090612A				06/12/09 15:39
Chloride		9.63	mg/L	1.0	96	90	110			
Sulfate		37.8	mg/L	1.0	95	90	110			
Sample ID: MBLK	2	Method Blank				Run: IC1-C_090612A				06/12/09 15:54
Chloride		ND	mg/L	0.04						
Sulfate		ND	mg/L	0.1						
Sample ID: C09060266-005AMS	2	Sample Matrix Spike				Run: IC1-C_090612A				06/12/09 22:20
Chloride		25.2	mg/L	1.0	101	90	110			
Sulfate		213	mg/L	1.0	100	90	110			
Sample ID: C09060266-005AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090612A				06/12/09 22:35
Chloride		25.3	mg/L	1.0	101	90	110	0.3	20	
Sulfate		213	mg/L	1.0	101	90	110	0.2	20	
Sample ID: C09060266-011AMS	2	Sample Matrix Spike				Run: IC1-C_090612A				06/13/09 01:09
Chloride		30.3	mg/L	1.0	102	90	110			
Sulfate		272	mg/L	1.0	94	90	110			
Sample ID: C09060266-011AMSD	2	Sample Matrix Spike Duplicate				Run: IC1-C_090612A				06/13/09 01:24
Chloride		30.4	mg/L	1.0	103	90	110	0.3	20	
Sulfate		272	mg/L	1.0	94	90	110	0	20	
Method: E350.1										Batch: B_R131145
Sample ID: MBLK		Method Blank				Run: SUB-B131145				06/15/09 11:29
Nitrogen, Ammonia as N		ND	mg/L	0.02						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B131145				06/15/09 11:30
Nitrogen, Ammonia as N		1.04	mg/L	0.10	105	90	110			
Sample ID: C09060266-001E		Sample Matrix Spike				Run: SUB-B131145				06/15/09 11:36
Nitrogen, Ammonia as N		0.689	mg/L	0.050	69	90	110			S
Sample ID: C09060266-001E		Sample Matrix Spike Duplicate				Run: SUB-B131145				06/15/09 11:37
Nitrogen, Ammonia as N		0.693	mg/L	0.050	69	90	110	0.6	10	S

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: B_R130891
Sample ID: MBLK		Method Blank				Run: SUB-B130891				06/10/09 10:46
Nitrogen, Nitrate+Nitrite as N		0.006	mg/L	0.002						
Sample ID: LFB		Laboratory Fortified Blank				Run: SUB-B130891				06/10/09 10:48
Nitrogen, Nitrate+Nitrite as N		0.985	mg/L	0.050	100	90	110			
Sample ID: C09060266-016E		Sample Matrix Spike				Run: SUB-B130891				06/10/09 11:10
Nitrogen, Nitrate+Nitrite as N		0.986	mg/L	0.050	99	90	110			
Sample ID: C09060266-016E		Sample Matrix Spike Duplicate				Run: SUB-B130891				06/10/09 11:11
Nitrogen, Nitrate+Nitrite as N		0.981	mg/L	0.050	99	90	110	0.5	10	
Sample ID: C09060266-004E		Sample Matrix Spike				Run: SUB-B130891				06/10/09 10:53
Nitrogen, Nitrate+Nitrite as N		1.14	mg/L	0.050	101	90	110			
Sample ID: C09060266-004E		Sample Matrix Spike Duplicate				Run: SUB-B130891				06/10/09 10:55
Nitrogen, Nitrate+Nitrite as N		1.14	mg/L	0.050	102	90	110	0.4	10	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0682
Sample ID: MB-GrAB-0682	6	Method Blank				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		-0.07	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-2	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		1	pCi/L							
Sample ID: UNAT-GrAB-0682		Laboratory Control Sample				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		140	pCi/L		104	70	130			
Sample ID: Cs137-GrAB-0682		Laboratory Control Sample				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		81	pCi/L		91	70	130			
Sample ID: C09060201-017DMS		Sample Matrix Spike				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		146	pCi/L		105	70	130			
Sample ID: C09060201-017DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090623A				06/26/09 01:14
Gross Alpha		135	pCi/L		98	70	130	7.4	15.8	
Sample ID: C09060201-017DMS		Sample Matrix Spike				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		88.3	pCi/L		98	70	130			
Sample ID: C09060201-017DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090623A				06/26/09 01:14
Gross Beta		83.0	pCi/L		92	70	130	6.1	16.1	
Sample ID: C09060266-011DDUP	6	Sample Duplicate				Run: G5000W_090623A				06/26/09 13:19
Gross Alpha		534	pCi/L					19	20	
Gross Alpha precision (±)		11.3	pCi/L							
Gross Alpha MDC		2.06	pCi/L							
Gross Beta		103	pCi/L					4.7	20	
Gross Beta precision (±)		3.01	pCi/L							
Gross Beta MDC		2.77	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0683
Sample ID: MB-GrAB-0683	6	Method Blank				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		-0.02	pCi/L							U
Gross Alpha precision (±)		0.7	pCi/L							
Gross Alpha MDC		0.7	pCi/L							
Gross Beta		-1	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0683		Laboratory Control Sample				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		150	pCi/L		108	70	130			
Sample ID: Cs137-GrAB-0683		Laboratory Control Sample				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		87	pCi/L		97	70	130			
Sample ID: C09060266-016DMS		Sample Matrix Spike				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		153	pCi/L		112	70	130			
Sample ID: C09060266-016DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090624A				06/27/09 03:40
Gross Alpha		160	pCi/L		117	70	130	4	15.6	
Sample ID: C09060266-016DMS		Sample Matrix Spike				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		90.5	pCi/L		101	70	130			
Sample ID: C09060266-016DMSD		Sample Matrix Spike Duplicate				Run: G5000W_090624A				06/27/09 03:40
Gross Beta		87.3	pCi/L		98	70	130	3.6	16.1	
Sample ID: C09060887-001DDUP	6	Sample Duplicate				Run: G5000W_090624A				06/28/09 03:28
Gross Alpha		45.7	pCi/L					9.8	34.6	
Gross Alpha precision (±)		5.44	pCi/L							
Gross Alpha MDC		4.57	pCi/L							
Gross Beta		16.5	pCi/L					2.7	43.8	
Gross Beta precision (±)		2.83	pCi/L							
Gross Beta MDC		4.25	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-0691
Sample ID: MB-GrAB-0691	6	Method Blank				Run: TENNELEC-3_090702D			07/09/09 05:03	
Gross Alpha		0.6	pCi/L							U
Gross Alpha precision (±)		0.6	pCi/L							
Gross Alpha MDC		0.6	pCi/L							
Gross Beta		-4	pCi/L							U
Gross Beta precision (±)		2	pCi/L							
Gross Beta MDC		2	pCi/L							
Sample ID: UNAT-GrAB-0691		Laboratory Control Sample				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Alpha		130	pCi/L		92	70	130			
Sample ID: Cs137-GrAB-0691		Laboratory Control Sample				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Beta		94	pCi/L		106	70	130			
Sample ID: C09060943-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Alpha		170	pCi/L		121	70	130			
Sample ID: C09060943-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Alpha		180	pCi/L		132	70	130	8.4	15.7	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.										
Sample ID: C09060943-001AMS		Sample Matrix Spike				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Beta		93	pCi/L		102	70	130			
Sample ID: C09060943-001AMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090702D			07/09/09 05:04	
Gross Beta		96	pCi/L		105	70	130	3.7	16.3	
Sample ID: C09061108-002ADUP	6	Sample Duplicate				Run: TENNELEC-3_090702D			07/10/09 03:43	
Gross Alpha		21	pCi/L					5.5	45.1	
Gross Alpha precision (±)		3.6	pCi/L							
Gross Alpha MDC		2.4	pCi/L							
Gross Beta		36	pCi/L					130	42.4	R
Gross Beta precision (±)		4.4	pCi/L							
Gross Beta MDC		3.8	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3728
Sample ID: C09060201-009DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090608C				06/25/09 15:50
Radium 226		26	pCi/L		103	70	130			
Sample ID: C09060201-009DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090608C				06/25/09 15:50
Radium 226		26	pCi/L		105	70	130	1.4	20.9	
Sample ID: MB-RA226-3728	3	Method Blank				Run: BERTHOLD 770-1_090608C				06/25/09 22:17
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3728		Laboratory Control Sample				Run: BERTHOLD 770-1_090608C				06/25/09 22:17
Radium 226		9.3	pCi/L		119	70	130			
Method: E903.0										Batch: RA226-3729
Sample ID: C09060266-004DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090608A				06/22/09 10:39
Radium 226		9.3	pCi/L		84	70	130			
Sample ID: C09060266-004DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090608A				06/22/09 12:11
Radium 226		16	pCi/L		86	70	130	54	24	R
- The RPD for the MSD is high due to the MS and MSD being poured up at different volumes. The individual spike recoveries are within range, the MB is acceptable, and the LCS is within range, therefore the batch is approved.										
Sample ID: MB-RA226-3729	3	Method Blank				Run: BERTHOLD 770-1_090608A				06/22/09 12:11
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3729		Laboratory Control Sample				Run: BERTHOLD 770-1_090608A				06/22/09 12:11
Radium 226		7.2	pCi/L		93	70	130			
Method: E903.0										Batch: RA226-3730
Sample ID: C09060266-006DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090608B				06/22/09 10:55
Radium 226		78	pCi/L		126	70	130			
Sample ID: C09060266-006DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090608B				06/22/09 10:55
Radium 226		76	pCi/L		116	70	130	2.1	16.6	
Sample ID: MB-RA226-3730	3	Method Blank				Run: BERTHOLD 770-2_090608B				06/22/09 12:44
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3730		Laboratory Control Sample				Run: BERTHOLD 770-2_090608B				06/22/09 12:44
Radium 226		6.5	pCi/L		83	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3731
Sample ID: C09060266-008DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090608B				06/23/09 09:23
Radium 226		90	pCi/L		83	70	130			
Sample ID: C09060266-008DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090608B				06/23/09 09:23
Radium 226		89	pCi/L		79	70	130	0.7	16.5	
Sample ID: MB-RA226-3731	3	Method Blank				Run: BERTHOLD 770-1_090608B				06/23/09 11:02
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3731		Laboratory Control Sample				Run: BERTHOLD 770-1_090608B				06/23/09 11:02
Radium 226		7.6	pCi/L		99	70	130			
Method: E903.0										Batch: RA226-3732
Sample ID: C09060266-010DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090608A				06/23/09 09:24
Radium 226		300	pCi/L		74	70	130			
Sample ID: C09060266-010DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090608A				06/23/09 09:24
Radium 226		300	pCi/L		97	70	130	1.1	13.6	
Sample ID: MB-RA226-3732	3	Method Blank				Run: BERTHOLD 770-2_090608A				06/23/09 11:04
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3732		Laboratory Control Sample				Run: BERTHOLD 770-2_090608A				06/23/09 11:04
Radium 226		7.6	pCi/L		98	70	130			
Method: E903.0										Batch: RA226-3733
Sample ID: C09060266-012DMS		Sample Matrix Spike				Run: BERTHOLD 770-2_090609C				06/23/09 16:01
Radium 226		20	pCi/L		71	70	130			
Sample ID: C09060266-012DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_090609C				06/23/09 16:01
Radium 226		21	pCi/L		79	70	130	5.3	23.9	
Sample ID: MB-RA226-3733	3	Method Blank				Run: BERTHOLD 770-2_090609C				06/23/09 17:32
Radium 226		-0.006	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3733		Laboratory Control Sample				Run: BERTHOLD 770-2_090609C				06/23/09 17:32
Radium 226		6.2	pCi/L		79	70	130			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-3734
Sample ID: C09060266-014DMS		Sample Matrix Spike				Run: BERTHOLD 770-1_090609B				06/16/09 09:09
Radium 226		19	pCi/L		87	70	130			
Sample ID: C09060266-014DMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_090609B				06/16/09 09:09
Radium 226		19	pCi/L		88	70	130	0.8	23.6	
Sample ID: MB-RA226-3734	3	Method Blank				Run: BERTHOLD 770-1_090609B				06/16/09 10:41
Radium 226		-0.04	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-3734		Laboratory Control Sample				Run: BERTHOLD 770-1_090609B				06/16/09 10:41
Radium 226		6.6	pCi/L		85	70	130			
Method: RA-05										Batch: RA228-2704
Sample ID: LCS-228-RA226-3728		Laboratory Control Sample				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		7.67	pCi/L		93	70	130			
Sample ID: MB-RA226-3728	3	Method Blank				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		-0.4	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060201-010DMS		Sample Matrix Spike				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		21.7	pCi/L		95	70	130			
Sample ID: C09060201-010DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608A				06/16/09 14:42
Radium 228		22.3	pCi/L		99	70	130	2.7	29.9	
Method: RA-05										Batch: RA228-2705
Sample ID: LCS-228-RA226-3729		Laboratory Control Sample				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		8.54	pCi/L		98	70	130			
Sample ID: MB-RA226-3729	3	Method Blank				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		0.05	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-005DMS		Sample Matrix Spike				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		23.1	pCi/L		82	70	130			
Sample ID: C09060266-005DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608B				06/17/09 13:20
Radium 228		22.7	pCi/L		80	70	130	1.7	28.1	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2707
Sample ID: LCS-228-RA226-3730		Laboratory Control Sample				Run: TENNELEC-3_090608C				06/17/09 15:28
Radium 228		6.63	pCi/L		86	70	130			
Sample ID: MB-RA226-3730	3	Method Blank				Run: TENNELEC-3_090608C				06/17/09 15:28
Radium 228		-0.8	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-007DMS		Sample Matrix Spike				Run: TENNELEC-3_090608C				06/17/09 15:28
Radium 228		20.0	pCi/L		86	70	130			
Sample ID: C09060266-007DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608C				06/17/09 15:28
Radium 228		23.1	pCi/L		104	70	130	15	33.3	
Method: RA-05										Batch: RA228-2708
Sample ID: LCS-228-RA226-3731		Laboratory Control Sample				Run: TENNELEC-3_090608D				06/18/09 12:32
Radium 228		6.43	pCi/L		82	70	130			
Sample ID: MB-RA226-3731	3	Method Blank				Run: TENNELEC-3_090608D				06/18/09 12:32
Radium 228		-0.6	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-009DMS		Sample Matrix Spike				Run: TENNELEC-3_090608D				06/18/09 12:32
Radium 228		17.7	pCi/L		77	70	130			
Sample ID: C09060266-009DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608D				06/18/09 12:32
Radium 228		19.4	pCi/L		87	70	130	9	32.7	
Method: RA-05										Batch: RA228-2709
Sample ID: LCS-228-RA226-3732		Laboratory Control Sample				Run: TENNELEC-3_090608E				06/18/09 14:45
Radium 228		6.71	pCi/L		87	70	130			
Sample ID: MB-RA226-3732	3	Method Blank				Run: TENNELEC-3_090608E				06/18/09 14:45
Radium 228		-0.8	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-011DMS		Sample Matrix Spike				Run: TENNELEC-3_090608E				06/18/09 14:45
Radium 228		16.5	pCi/L		83	70	130			
Sample ID: C09060266-011DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090608E				06/18/09 14:45
Radium 228		16.8	pCi/L		84	70	130	1.9	35.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc
Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-2710
Sample ID: LCS-228-RA226-3733		Laboratory Control Sample				Run: TENNELEC-3_090609B				06/19/09 10:37
Radium 228		7.26	pCi/L		86	70	130			
Sample ID: MB-RA226-3733	3	Method Blank				Run: TENNELEC-3_090609B				06/19/09 10:37
Radium 228		-0.2	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		0.9	pCi/L							
Sample ID: C09060266-013DMS		Sample Matrix Spike				Run: TENNELEC-3_090609B				06/19/09 10:37
Radium 228		18.5	pCi/L		84	70	130			
Sample ID: C09060266-013DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090609B				06/19/09 10:37
Radium 228		20.5	pCi/L		95	70	130	10	29.9	
Method: RA-05										Batch: RA228-2711
Sample ID: LCS-228-RA226-3734		Laboratory Control Sample				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		8.81	pCi/L		110	70	130			
Sample ID: MB-RA226-3734	3	Method Blank				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		-0.8	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C09060266-015DMS		Sample Matrix Spike				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		24.1	pCi/L		104	70	130			
Sample ID: C09060266-015DMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_090609A				06/12/09 10:58
Radium 228		23.4	pCi/L		100	70	130	2.8	30.2	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
UR Energy	Lost Creek	State: WY	Yes ☐ No ☑
Report Mail Address: 5880 Enterprise Dr Suite 200 Casper WY 82609	Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energy.com		Sampler: (Please Print)
Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:
UR Energy Excel Sheet

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT(Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: HAND
Cooler ID(s): 4 Various
Receipt Temp 4 °C
On Ice: Yes No
Custody Seal Y
Bottles/Coolers B C
Intact Y N
Signature Match Y N

ANALYSIS REQUESTED: Guideline 8; SEE ATTACHED; Normal Turnaround (TAT); RUSH

Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MO-103 #60	6-4-08		ws 2gal
2	MP-103 #61			
3	MU-103 #62			
4	MO-105 #63			
5	MP-105 #64			
6	MU-105 #65			
7	KPW-2 #66			
8	M-135 #67			
9	MU-101 #68			
10	MP-101 #69			

C0906002666

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Craig Hunt	6-24-09 17:00		[illegible]	6-5-09 8:05	
[illegible]	6-5-09 8:35				

Received by Laboratory: Diane Downing 6/5/09 8:30 Signature: [illegible]

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: UR Energy

Report Mail Address: 5880 Enterprise Dr Suite 200, Casper WY 82609

Invoice Address:

Project Name, PWS, Permit, Etc.: Lost Creek

Contact Name: John Cash Phone/Fax: 307-265-2373 Email: john.cash@ur-energyusa.com

Invoice Contact & Phone:

Sample Origin State: WY

EPA/State Compliance: Yes ☐ No ☒

Sampler: (Please Print)

Purchase Order:

Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

UR Energy Excel Sheet

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: ____ ☐ Other: ____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: ____ ☐ LEVEL IV ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

Cu, Se, Mo 8

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments: CO2A0026060

Shipped by: Hand

Cooler ID(s): Various

Receipt Temp 4 °C

On ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	MO-101 #70	6-4-09		W Equ
2	MO-102 #71			
3	MP-102 #72			
4	MU-102 #73			
5	MP-111 #74			
6	M-136 #75			
7				
8				
9				
10				

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Craig Hart Date/Time: 6-4-09 17:00 Signature:

Received by (print): Date/Time: 6-5-09 8:05 Signature:

Relinquished by (print): Date/Time: 6-5-09 8:35 Signature:

Received by (print): Date/Time: Signature:

Received by Laboratory: DIANE DOWNING Date/Time: 6/5/09 8:37 Signature:

Sample Disposal: Return to Client: ____ Lab Disposal: ____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09060266

UR Energy USA Inc

Login completed by: Kimberly Humiston

Reviewed by:

Reviewed Date:

Date and Time Received: 6/5/2009 8:36 AM

Received by: dd

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	4°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Sample was subsampled and preserved in lab upon receipt for metals with 1/2 mL HNO3 and for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: UR Energy USA Inc
Project: Lost Creek
Sample Delivery Group: C09060266

Date: *15-Jul-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT