

October 21, 2020

Report to:

Kent Applegate
Rio Algom Mining Company
P.O. Box 218
Grants, NM 87020

Bill to:

Accounts Payable
Rio Algom Mining Company
P.O. Box 218
Grants, NM 87020

cc: Clark Short, Angela Persico, Michaela Gorospe, jcarroll

Project ID: 4508122295

ACZ Project ID: L61785

Kent Applegate:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on September 25, 2020. This project has been assigned to ACZ's project number, L61785. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L61785. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after November 20, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed
and approved this report.



Rio Algom Mining Company

Project ID:

Sample ID: 5-04 ALL

ACZ Sample ID: **L61785-01**

Date Sampled: 09/23/20 11:42

Date Received: 09/25/20

Sample Matrix: Groundwater

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Calcium, dissolved	M200.7 ICP	5	484			mg/L	0.5	2.5	10/05/20 18:42	jlw
Iron, dissolved	M200.7 ICP	5	111			mg/L	0.3	0.75	10/05/20 18:42	jlw
Magnesium, dissolved	M200.7 ICP	5	535			mg/L	1	5	10/05/20 18:42	jlw
Molybdenum, dissolved	M200.8 ICP-MS	5	<0.001	U		mg/L	0.001	0.003	10/06/20 10:55	mfm
Nickel, dissolved	M200.8 ICP-MS	5	<0.002	U		mg/L	0.002	0.005	10/06/20 10:55	mfm
Potassium, dissolved	M200.7 ICP	5	6.82			mg/L	1	5	10/05/20 18:42	jlw
Selenium, dissolved	SM 3114 B, AA-Hydride	1	<0.002	U		mg/L	0.002	0.005	10/06/20 16:32	llr/aeH
Sodium, dissolved	M200.7 ICP	5	240		*	mg/L	1	5	10/05/20 18:42	jlw
Uranium, dissolved	M200.8 ICP-MS	5	<0.0005	U		mg/L	0.0005	0.003	10/06/20 10:55	mfm

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	<2	U	*	mg/L	2	20	10/02/20 0:00	eep
Carbonate as CaCO3		1	<2	U	*	mg/L	2	20	10/02/20 0:00	eep
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	10/02/20 0:00	eep
Total Alkalinity		1	<2	U	*	mg/L	2	20	10/02/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			3.0			%			10/21/20 0:00	calc
Sum of Anions			80			meq/L			10/21/20 0:00	calc
Sum of Cations			85			meq/L			10/21/20 0:00	calc
Chloride	SM4500Cl-E	20	825		*	mg/L	10	40	10/03/20 11:58	wtc
Conductivity @25C	SM2510B	1	5710		*	umhos/cm	1	10	10/02/20 4:00	eep
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	1	<0.02	U	*	mg/L	0.02	0.1	10/04/20 19:40	pjb
Residue, Filterable (TDS) @180C	SM2540C	5	5200		*	mg/L	100	200	09/28/20 16:48	scd
Sulfate	D516-02/-07/-11 - Turbidimetric	100	2730		*	mg/L	100	500	10/05/20 13:13	mss2
TDS (calculated)	Calculation		4930			mg/L			10/21/20 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.05						10/21/20 0:00	calc

Rio Algom Mining Company

Project ID:

Sample ID: 5-73 ALL

ACZ Sample ID: **L61785-02**

Date Sampled: 09/23/20 13:20

Date Received: 09/25/20

Sample Matrix: Groundwater

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Calcium, dissolved	M200.7 ICP	5	729			mg/L	0.5	2.5	10/05/20 18:45	jlw
Iron, dissolved	M200.7 ICP	5	<0.3	U		mg/L	0.3	0.75	10/05/20 18:45	jlw
Magnesium, dissolved	M200.7 ICP	5	447			mg/L	1	5	10/05/20 18:45	jlw
Molybdenum, dissolved	M200.8 ICP-MS	5	0.00554			mg/L	0.001	0.003	10/06/20 10:57	mfm
Nickel, dissolved	M200.8 ICP-MS	5	0.00794			mg/L	0.002	0.005	10/06/20 10:57	mfm
Potassium, dissolved	M200.7 ICP	5	2.47	B		mg/L	1	5	10/05/20 18:45	jlw
Selenium, dissolved	SM 3114 B, AA-Hydride	5	0.125			mg/L	0.01	0.025	10/07/20 11:18	llr/aeh
Sodium, dissolved	M200.7 ICP	5	838		*	mg/L	1	5	10/05/20 18:45	jlw
Uranium, dissolved	M200.8 ICP-MS	5	1.74			mg/L	0.0005	0.003	10/06/20 10:57	mfm

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	719			mg/L	2	20	10/02/20 0:00	eep
Carbonate as CaCO3		1	<2	U		mg/L	2	20	10/02/20 0:00	eep
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	10/02/20 0:00	eep
Total Alkalinity		1	719			mg/L	2	20	10/02/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			0.5			%			10/21/20 0:00	calc
Sum of Anions			109			meq/L			10/21/20 0:00	calc
Sum of Cations			110			meq/L			10/21/20 0:00	calc
Chloride	SM4500Cl-E	20	1510		*	mg/L	10	40	10/03/20 11:58	wtc
Conductivity @25C	SM2510B	1	8230			umhos/cm	1	10	10/02/20 4:13	eep
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	3	5.04			mg/L	0.06	0.3	10/04/20 19:44	pjb
Residue, Filterable (TDS) @180C	SM2540C	2	6600			mg/L	40	80	09/28/20 16:51	scd
Sulfate	D516-02/-07/-11 - Turbidimetric	100	2500			mg/L	100	500	10/05/20 13:45	mss2
TDS (calculated)	Calculation		6470			mg/L			10/21/20 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.02						10/21/20 0:00	calc

Report Header Explanations

<i>Batch</i>	A distinct set of samples analyzed at a specific time
<i>Found</i>	Value of the QC Type of interest
<i>Limit</i>	Upper limit for RPD, in %.
<i>Lower</i>	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
<i>MDL</i>	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
<i>PCN/SCN</i>	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
<i>PQL</i>	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
<i>QC</i>	True Value of the Control Sample or the amount added to the Spike
<i>Rec</i>	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
<i>RPD</i>	Relative Percent Difference, calculation used for Duplicate QC Types
<i>Upper</i>	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
<i>Sample</i>	Value of the Sample of interest

QC Sample Types

<i>AS</i>	Analytical Spike (Post Digestion)	<i>LCSWD</i>	Laboratory Control Sample - Water Duplicate
<i>ASD</i>	Analytical Spike (Post Digestion) Duplicate	<i>LFB</i>	Laboratory Fortified Blank
<i>CCB</i>	Continuing Calibration Blank	<i>LFM</i>	Laboratory Fortified Matrix
<i>CCV</i>	Continuing Calibration Verification standard	<i>LFMD</i>	Laboratory Fortified Matrix Duplicate
<i>DUP</i>	Sample Duplicate	<i>LRB</i>	Laboratory Reagent Blank
<i>ICB</i>	Initial Calibration Blank	<i>MS</i>	Matrix Spike
<i>ICV</i>	Initial Calibration Verification standard	<i>MSD</i>	Matrix Spike Duplicate
<i>ICSAB</i>	Inter-element Correction Standard - A plus B solutions	<i>PBS</i>	Prep Blank - Soil
<i>LCSS</i>	Laboratory Control Sample - Soil	<i>PBW</i>	Prep Blank - Water
<i>LCSSD</i>	Laboratory Control Sample - Soil Duplicate	<i>PQV</i>	Practical Quantitation Verification standard
<i>LCSW</i>	Laboratory Control Sample - Water	<i>SDL</i>	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

Rio Algom Mining Company

ACZ Project ID: **L61785**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506444													
WG506444PBW1	PBW	10/01/20 18:51				6.3	mg/L		-20	20			
WG506444LCSW3	LCSW	10/01/20 19:11	WC200928-1	820.0001		842	mg/L	103	90	110			
WG506444LCSW6	LCSW	10/01/20 22:41	WC200928-1	820.0001		847	mg/L	103	90	110			
WG506444PBW2	PBW	10/01/20 22:52				2.6	mg/L		-20	20			
WG506444LCSW9	LCSW	10/02/20 2:56	WC200928-1	820.0001		855	mg/L	104	90	110			
WG506444PBW3	PBW	10/02/20 3:07				2.7	mg/L		-20	20			
L61786-01DUP	DUP	10/02/20 4:32			86.9	86.5	mg/L				0	20	
WG506444LCSW12	LCSW	10/02/20 6:32	WC200928-1	820.0001		857	mg/L	105	90	110			
WG506444PBW4	PBW	10/02/20 6:43				2.9	mg/L		-20	20			
WG506444LCSW15	LCSW	10/02/20 10:13	WC200928-1	820.0001		863	mg/L	105	90	110			

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506492													
WG506492ICV	ICV	10/05/20 17:26	II200921-1	100		99.37	mg/L	99	95	105			
WG506492ICB	ICB	10/05/20 17:33				U	mg/L		-0.3	0.3			
WG506492LFB	LFB	10/05/20 17:46	II200911-3	67.99353		64.12	mg/L	94	85	115			
L61770-02AS	AS	10/05/20 18:29	II201002-6	67.99353	59.1	120.8	mg/L	91	85	115			
L61770-02ASD	ASD	10/05/20 18:32	II201002-6	67.99353	59.1	121.2	mg/L	91	85	115	0	20	

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506543													
WG506543ICB	ICB	10/03/20 9:32				U	mg/L		-1.5	1.5			
WG506543ICV	ICV	10/03/20 9:32	WI200506-2	55.055		58.68	mg/L	107	90	110			
WG506543LFB1	LFB	10/03/20 11:31	WI200327-3	30.03		31.39	mg/L	105	90	110			
L61766-01DUP	DUP	10/03/20 11:31			1	.99	mg/L				1	20	RA
L61766-02AS	AS	10/03/20 11:31	WI200327-3	30.03	.5	32.14	mg/L	105	90	110			
WG506543LFB2	LFB	10/03/20 11:35	WI200327-3	30.03		31.38	mg/L	104	90	110			

Conductivity @25C SM2510B

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506444													
WG506444LCSW2	LCSW	10/01/20 18:58	PCN61570	1409		1460	umhos/cm	104	90	110			
WG506444LCSW5	LCSW	10/01/20 22:28	PCN61570	1409		1450	umhos/cm	103	90	110			
WG506444LCSW8	LCSW	10/02/20 2:43	PCN61570	1409		1450	umhos/cm	103	90	110			
L61786-01DUP	DUP	10/02/20 4:32			3340	3340	umhos/cm				0	20	
WG506444LCSW11	LCSW	10/02/20 6:19	PCN61570	1409		1450	umhos/cm	103	90	110			
WG506444LCSW14	LCSW	10/02/20 10:00	PCN61570	1409		1440	umhos/cm	102	90	110			

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506492													
WG506492ICV	ICV	10/05/20 17:26	II200921-1	2		1.978	mg/L	99	95	105			
WG506492ICB	ICB	10/05/20 17:33				U	mg/L		-0.18	0.18			
WG506492LFB	LFB	10/05/20 17:46	II200911-3	1.0018		.969	mg/L	97	85	115			
L61770-02AS	AS	10/05/20 18:29	II201002-6	1.0018	.079	1.009	mg/L	94	85	115			
L61770-02ASD	ASD	10/05/20 18:32	II201002-6	1.0018	.079	1.019	mg/L	95	85	115	1	20	

Rio Algom Mining Company

ACZ Project ID: **L61785**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Magnesium, dissolved

M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506492													
WG506492ICV	ICV	10/05/20 17:26	II200921-1	100		98.38	mg/L	98	95	105			
WG506492ICB	ICB	10/05/20 17:33				U	mg/L		-0.6	0.6			
WG506492LFB	LFB	10/05/20 17:46	II200911-3	49.99922		46.19	mg/L	92	85	115			
L61770-02AS	AS	10/05/20 18:29	II201002-6	49.99922	14.1	59.08	mg/L	90	85	115			
L61770-02ASD	ASD	10/05/20 18:32	II201002-6	49.99922	14.1	59.39	mg/L	91	85	115	1	20	

Molybdenum, dissolved

M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506633													
WG506633ICV	ICV	10/06/20 10:21	MS201001-3	.01992		.02016	mg/L	101	90	110			
WG506633ICB	ICB	10/06/20 10:23				U	mg/L		-0.00044	0.00044			
WG506633LFB	LFB	10/06/20 10:25	MS200926-3	.0501		.04774	mg/L	95	85	115			
L61785-02AS	AS	10/06/20 10:59	MS200926-3	.2505	.006	.2721	mg/L	106	70	130			
L61785-02ASD	ASD	10/06/20 11:01	MS200926-3	.2505	.006	.2778	mg/L	109	70	130	2	20	

Nickel, dissolved

M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506633													
WG506633ICV	ICV	10/06/20 10:21	MS201001-3	.05		.0496	mg/L	99	90	110			
WG506633ICB	ICB	10/06/20 10:23				U	mg/L		-0.00088	0.00088			
WG506633LFB	LFB	10/06/20 10:25	MS200926-3	.05		.04713	mg/L	94	85	115			
L61785-02AS	AS	10/06/20 10:59	MS200926-3	.25	.008	.2016	mg/L	77	70	130			
L61785-02ASD	ASD	10/06/20 11:01	MS200926-3	.25	.008	.2065	mg/L	79	70	130	2	20	

Nitrate/Nitrite as N

M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506548													
WG506548ICV	ICV	10/04/20 19:03	WI200815-1	2.416		2.363	mg/L	98	90	110			
WG506548ICB	ICB	10/04/20 19:04				U	mg/L		-0.02	0.02			
WG506548LFB	LFB	10/04/20 19:08	WI201001-11	2		1.964	mg/L	98	90	110			
L61780-01AS	AS	10/04/20 19:30	WI201001-11	2	.47	2.39	mg/L	96	90	110			
L61780-02DUP	DUP	10/04/20 19:33			.26	.263	mg/L				1	20	

Potassium, dissolved

M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506492													
WG506492ICV	ICV	10/05/20 17:26	II200921-1	20		20.01	mg/L	100	95	105			
WG506492ICB	ICB	10/05/20 17:33				U	mg/L		-0.6	0.6			
WG506492LFB	LFB	10/05/20 17:46	II200911-3	99.96637		93.46	mg/L	93	85	115			
L61770-02AS	AS	10/05/20 18:29	II201002-6	99.96637	10	102.8	mg/L	93	85	115			
L61770-02ASD	ASD	10/05/20 18:32	II201002-6	99.96637	10	103.3	mg/L	93	85	115	0	20	

Rio Algom Mining Company

ACZ Project ID: **L61785**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Residue, Filterable (TDS) @180C SM2540C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506143													
WG506143PBW	PBW	09/28/20 15:55				U	mg/L		-20	20			
WG506143LCSW	LCSW	09/28/20 15:57	PCN62156	1000		1000	mg/L	100	80	120			
L61794-01DUP	DUP	09/28/20 17:00			918	912	mg/L				1	10	

Selenium, dissolved SM 3114 B, AA-Hydride

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506572													
WG506572ICV	ICV	10/06/20 14:39	SE201005-1	.025		.0255	mg/L	102	90	110			
WG506572ICB	ICB	10/06/20 14:41				U	mg/L		-0.006	0.006			
WG506573													
WG506573LRB	LRB	10/06/20 16:28				U	mg/L		-0.006	0.006			
WG506573LFB	LFB	10/06/20 16:30	SE200820-2	.0225		.02	mg/L	89	85	115			
L61810-01LFM	LFM	10/06/20 16:41	SE200820-2	.0225	U	.0193	mg/L	86	85	115			
L61810-01LFMD	LFMD	10/06/20 16:43	SE200820-2	.0225	U	.0192	mg/L	85	85	115	1	20	
WG506573ICV	ICV	10/07/20 11:14	SE201005-1	.025		.026	mg/L	104	90	110			
WG506573ICB	ICB	10/07/20 11:16				U	mg/L		-0.006	0.006			

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506492													
WG506492ICV	ICV	10/05/20 17:26	II200921-1	100		99.57	mg/L	100	95	105			
WG506492ICB	ICB	10/05/20 17:33				U	mg/L		-0.6	0.6			
WG506492LFB	LFB	10/05/20 17:46	II200911-3	100.0125		93.04	mg/L	93	85	115			
L61770-02AS	AS	10/05/20 18:29	II201002-6	100.0125	330	406.7	mg/L	77	85	115			M3
L61770-02ASD	ASD	10/05/20 18:32	II201002-6	100.0125	330	407.8	mg/L	78	85	115	0	20	M3

Sulfate D516-02/-07/-11 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506565													
WG506565ICB	ICB	10/05/20 8:52				U	mg/L		-3	3			
WG506565ICV	ICV	10/05/20 8:52	WI200929-2	20		20.2	mg/L	101	90	110			
WG506565LFB	LFB	10/05/20 11:45	WI200803-1	10.01		9.5	mg/L	95	90	110			
L61795-01DUP	DUP	10/05/20 11:56			170	159.8	mg/L				6	20	
L61853-02AS	AS	10/05/20 11:59	SO4TURB5X	10	175	185.3	mg/L	103	90	110			

Uranium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG506633													
WG506633ICV	ICV	10/06/20 10:21	MS201001-3	.05		.05	mg/L	100	90	110			
WG506633ICB	ICB	10/06/20 10:23				U	mg/L		-0.00022	0.00022			
WG506633LFB	LFB	10/06/20 10:25	MS200926-3	.05		.04728	mg/L	95	85	115			
L61785-02AS	AS	10/06/20 10:59	MS200926-3	.25	1.74	2.0144	mg/L	110	70	130			
L61785-02ASD	ASD	10/06/20 11:01	MS200926-3	.25	1.74	2.06085	mg/L	128	70	130	2	20	

Rio Algom Mining Company

ACZ Project ID: **L61785**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L61785-01	WG506444	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG506543	Chloride	SM4500CI-E	Q6	Sample was received above recommended temperature.
			SM4500CI-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG506444	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
			SM2510B	ZW	Method deviation. The sample was centrifuged prior to analysis due to high solid content.
		Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG506548	Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	Q6	Sample was received above recommended temperature.
	WG506143	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
	WG506492	Sodium, dissolved	M200.7 ICP	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
WG506565	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.	
WG506444	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.	
		SM2320B - Titration	ZW	Method deviation. The sample was centrifuged prior to analysis due to high solid content.	
L61785-02	WG506543	Chloride	SM4500CI-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG506492	Sodium, dissolved	M200.7 ICP	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

Rio Algom Mining Company

Project ID:

Sample ID: 5-04 ALL

Locator:

ACZ Sample ID: **L61785-01**

Date Sampled: 09/23/20 11:42

Date Received: 09/25/20

Sample Matrix: Groundwater

Gross Alpha, dissolved
M9310

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	10/15/20 0:31		66	27	58	pCi/L	*	ffdw

Lead 210, dissolved
EICHROM, OTW01

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	10/19/20 13:33		-4.9	7.3	16	pCi/L	*	tjr

Polonium 210, dissolved
HASL Po-01-RC

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Polonium 210, dissolved	10/20/20 15:54		-1.61	1.8	4	pCi/L	*	tjr

Radium 226, dissolved
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, dissolved	10/12/20 0:27		0.41	0.17	0.14	pCi/L	*	djc

Radium 228, dissolved
M9320

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	10/07/20 16:02		0.4	0.82	2	pCi/L	*	amk

Thorium 230, dissolved
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230, dissolved	10/06/20 14:08		1.47	1.3	2	pCi/L	*	djc

Rio Algom Mining Company

Project ID:

Sample ID: 5-73 ALL

Locator:

ACZ Sample ID: **L61785-02**

Date Sampled: 09/23/20 13:20

Date Received: 09/25/20

Sample Matrix: Groundwater

Gross Alpha, dissolved
M9310

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	10/15/20 0:33		780	100	69	pCi/L	*	ffdw

Lead 210, dissolved
EICHROM, OTW01

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	10/19/20 13:33		3.4	6.8	14	pCi/L	*	tjr

Polonium 210, dissolved
HASL Po-01-RC

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Polonium 210, dissolved	10/20/20 15:54		0.0	20	3.9	pCi/L	*	tjr

Radium 226, dissolved
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, dissolved	10/12/20 0:28		0.16	0.13	0.16	pCi/L	*	djc

Radium 228, dissolved
M9320

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	10/07/20 16:02		1.4	1	2.4	pCi/L	*	amk

Thorium 230, dissolved
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230, dissolved	10/07/20 8:58		0.284	1.2	2.4	pCi/L	*	djc

Report Header Explanations

<i>Batch</i>	A distinct set of samples analyzed at a specific time
<i>Error(+/-)</i>	Calculated sample specific uncertainty
<i>Found</i>	Value of the QC Type of interest
<i>Limit</i>	Upper limit for RPD, in %.
<i>LCL</i>	Lower Control Limit, in % (except for LCSS, mg/Kg)
<i>LLD</i>	Calculated sample specific Lower Limit of Detection
<i>PCN/SCN</i>	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
<i>PQL</i>	Practical Quantitation Limit
<i>QC</i>	True Value of the Control Sample or the amount added to the Spike
<i>Rec</i>	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
<i>REr</i>	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
<i>RPD</i>	Relative Percent Difference, calculation used for Duplicate QC Types
<i>UCL</i>	Upper Control Limit, in % (except for LCSS, mg/Kg)
<i>Sample</i>	Value of the Sample of interest

QC Sample Types

<i>DUP</i>	Sample Duplicate	<i>MS/MSD</i>	Matrix Spike/Matrix Spike Duplicate
<i>LCSS</i>	Laboratory Control Sample - Soil	<i>PBS</i>	Prep Blank - Soil
<i>LCSW</i>	Laboratory Control Sample - Water	<i>PBW</i>	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.
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Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater.
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

- (1) Solid matrices are reported on a dry weight basis.
- (2) Preparation method: "Method" indicates preparation defined in analytical method.
- (3) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

Rio Algom Mining Company

ACZ Project ID: **L61785**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Gross Alpha, dissolved

M9310

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG506880																
WG506880PBW	PBW	10/15/20						-1	0.58	0.89			1.78			
WG506880LCSWA	LCSW	10/15/20	PCN60283	66.67				65	5.5	0.98	98	67	144			
L61556-04DUP	DUP-RPD	10/15/20			-1.2	1.1	6.7	1.1	1.9	8.5				4600	20	RG
L61556-04DUP	DUP-RER	10/15/20			-1.2	1.1	6.7	1.1	1.9	8.5				1.05	2	
L61556-04MSA	MS	10/15/20	PCN60283	100	-1.2	1.1	6.7	83	10	8.1	84	67	144			
L61611-06DUP	DUP-RER	10/15/20			31	8.3	21	24	7.4	11				0.63	2	
L61611-06DUP	DUP-RPD	10/15/20			31	8.3	21	24	7.4	11				25	20	RG

Lead 210, dissolved

EICHROM, OTW01

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG506293																
WG506293PBW	PBW	10/19/20						-84	1.6	3.6			7.2			
WG506293LCSW	LCSW	10/19/20	PCN59635	96.39				83	3.3	3.3	86	55	121			
L61773-01MS	MS	10/19/20	PCN59635	96.39	-1.5	1.6	3.5	82	3.4	3.6	87	55	121			
L61492-01DUP	DUP-RER	10/19/20			12	20	42	16	18	39				0.15	2	
L61492-01DUP	DUP-RPD	10/19/20			12	20	42	16	18	39				29	20	RG
L61492-02DUP	DUP-RPD	10/19/20			19	20	41	4.9	17	37				118	20	RG
L61492-02DUP	DUP-RER	10/19/20			19	20	41	4.9	17	37				0.54	2	

Polonium 210, dissolved

HASL Po-01-RC

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG507422																
WG507422LCSW	LCSW	10/20/20	PCN59630	500				490	85	4.6	98	51	128			
WG507422PBW	PBW	10/20/20						.153	1.6	3.1			6.2			
L61787-01DUP	DUP-RPD	10/20/20			0	12	2.5	.0166	2.4	4.7				200	20	RG
L61787-01DUP	DUP-RER	10/20/20			0	12	2.5	.0166	2.4	4.7				0	2	
L61787-01MS	MS	10/20/20	PCN59630	500	0	12	2.5	498	84	3.6	100	51	128			

Rio Algom Mining Company

ACZ Project ID: **L61785**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 226, dissolved

M903.1

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG506609																
WG506609PBW	PBW	10/12/20						-06	0.16	0.38			0.76			
WG506609LCSW	LCSW	10/12/20	PCN61539	20				16	0.56	0.13	80	43	148			
L61556-04DUP	DUP-RPD	10/12/20			0.1	0.13	0.23	.11	0.1	0.17				10	20	
L61618-02DUP	DUP-RER	10/12/20			0.19	0.1	0.17	.08	0.09	0.12				0.82	2	
L61618-02DUP	DUP-RPD	10/12/20			0.19	0.1	0.17	.08	0.09	0.12				81	20	RG
L61618-01MS	MS	10/12/20	PCN61539	20	0.28	0.1	0.22	16	0.55	0.17	79	43	148			

Radium 228, dissolved

M9320

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG506524																
WG506524LCSW	LCSW	10/07/20	PCN61541	9.62				11	1.3	0.88	114	47	123			
WG506524PBW	PBW	10/07/20						-59	0.43	0.48			0.96			
L61431-02MS	MS	10/07/20	PCN61541	9.92	-0.43	0.9	2.2	12	1.3	2.2	125	47	123			M1
L61430-01DUP	DUP-RER	10/07/20			0.15	0.86	2.1	.27	0.9	2.1				0.1	2	
L61430-01DUP	DUP-RPD	10/07/20			0.15	0.86	2.1	.27	0.9	2.1				57	20	RG
L61724-05DUP	DUP-RPD	10/07/20			0.27	0.98	2.4	.23	1.1	2.4				16	20	

Thorium 230, dissolved

ESM 4506

Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG506374																
WG506374PBW	PBW	10/06/20						.084	0.27	0.49			0.98			
L61597-01DUP	DUP-RER	10/07/20			0.213	0.25	0.41	.0133	0.25	0.49				0.56	2	
L61597-01DUP	DUP-RPD	10/07/20			0.213	0.25	0.41	.0133	0.25	0.49				176	20	RG
L61597-03DUP	DUP-RER	10/07/20			-0.114	0.24	0.52	.29	0.26	0.39				1.14	2	
L61597-03DUP	DUP-RPD	10/07/20			-0.114	0.24	0.52	.29	0.26	0.39				459	20	RG
WG506374LCSW	LCSW	10/07/20	PCN58726	200				204	27	0.43	102	91	126			
L61597-02MS	MS	10/07/20	PCN58726	200	0.0803	0.12	0.2	194	25	0.41	97	91	126			

Rio Algom Mining Company

ACZ Project ID: **L61785**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L61785-01	WG506880	Gross Alpha, dissolved	M9310	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG506293	Lead 210, dissolved	EICHROM, OTW01	D1	Sample required dilution due to matrix.
			EICHROM, OTW01	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG507422	Polonium 210, dissolved	HASL Po-01-RC	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG506609	Radium 226, dissolved	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG506524	Radium 228, dissolved	M9320	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
L61785-02	WG506374	Thorium 230, dissolved	ESM 4506	D1	Sample required dilution due to matrix.
			ESM 4506	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG506880	Gross Alpha, dissolved	M9310	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG506293	Lead 210, dissolved	EICHROM, OTW01	D1	Sample required dilution due to matrix.
			EICHROM, OTW01	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG507422	Polonium 210, dissolved	HASL Po-01-RC	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
WG506609	Radium 226, dissolved	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.	
WG506524	Radium 228, dissolved	M9320	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.	
WG506374	Thorium 230, dissolved	ESM 4506	D1	Sample required dilution due to matrix.	
		ESM 4506	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.	

Rio Algom Mining Company

ACZ Project ID: **L61785**

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Lead 210, dissolved	EICHROM, OTW01
Polonium 210, dissolved	HASL Po-01-RC
Thorium 230, dissolved	ESM 4506

Rio Algom Mining Company
 4508122295

ACZ Project ID: L61785
 Date Received: 09/25/2020 11:54
 Received By:
 Date Printed: 10/21/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? ¹	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp (°C)	Temp Criteria (°C)	Rad (µR/Hr)	Custody Seal Intact?
4662	5.8	<=6.0	23	Yes
5182	8.9	<=6.0	15	Yes

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

Rio Algom Mining Company
4508122295

ACZ Project ID: L61785
Date Received: 09/25/2020 11:54
Received By:
Date Printed: 10/21/2020

¹ The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na₂S₂O₃ preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).



Laboratories, Inc. 661785

CHAIN of CUSTODY

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Report to:

Name: Kent Applegate
Company: Rio Algom Mining LLC
E-mail: Kent.KC.Applegate@bhpbilliton.com

Address: PO Box 218
Grants, NM 87020
Telephone: 1-505-287-8851

Copy of Report to:

Name: See Remarks
Company: INTERA, INC.

E-mail: See Remarks
Telephone: 505-246-1600 x1207

Invoice to:

Name: Kent Applegate
Company: Rio Algom Mining LLC
E-mail: Kent.KC.Applegate@bhpbilliton.com

Address: PO Box 218
Grants, NM 87020
Telephone: 1-505-287-8851

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES NO

Are samples for SDWA Compliance Monitoring? Yes No

If yes, please include state forms. Results will be reported to PQL for Colorado.
Sampler's Name: Bill Williamson Sampler's Site Information State NM Zip code 87020 Time Zone MST

*Sampler's Signature: Bill Williamson *I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: N/A
PO#: 4592698257
Reporting state for compliance testing: NM
Check box if samples include NRC licensed material?

SAMPLE IDENTIFICATION	DATE/TIME	Matrix	# of Containers	ANALYSES REQUESTED															
<u>5-04 ALL</u>	<u>9/23/20 1142</u>	<u>GW</u>	<u>6</u>	<u>NRC-ALL</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5-77 ALL</u>	<u>9/23/20 1320</u>	<u>GW</u>	<u>6</u>	<u>NRC-ALL</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS
RAML COC#: 20-57 Note different COC's may have different PO's. Shipment of 4 Coolers.
Please CC report to: cshort@intera.com, apersico@intera.com, Michaela.Gorospe@bhpbilliton.com, jcarroll@intera.com

Please refer to ACZ's terms & conditions located on the reverse side of this COC.	
RELINQUISHED BY:	RECEIVED BY:
<u>Bill Williamson</u>	<u>Bill Williamson</u>
DATE/TIME	DATE/TIME
<u>9/24/20 1520</u>	<u>9/25/20 11:55</u>

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

661785 Chain of Custody