Entered 11/9/05

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by Jane Richards Date 9/12/05 Received by [illegible] Date 9-12-05

Restoration Sample Description

Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain round 2)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom nicholson~~ Larry Anbergst

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6R21-1	9/12/05	Half Gal.	X		X		S0509130-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6M34-1		**	**	**	**	**		002
3	6V24-1		**	**	**	**	**		003
4	6T35-1		**	**	**	**	**		004
5	6M29-1		**	**	**	**	**		005
6	6O26-1		**	**	**	**	**		006
7	NPHW-1		**	**	**	**	**		007
8	NPHW-2		**	**	**	**	**		008
9	NPHW-5		**	**	**	**	**		009
10			**	**	**	**	**		
11			**	**	**	**	**		
12			**	**	**	**	**		
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter-Mountain Laboratories **Date:** *29-Sep-05*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0509130

CASE NARRATIVE

Report ID: S0509130001

Samples 6M29-1, 6M34-1, 6O26-1, 6R21-1, 6T35-1, 6V24-1, NPHW-1, NPHW-2, and NPHW-5 were received on September 12, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-001
Client Sample ID 6R21-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/13/2005 1210 KA	EPA 150.1
Electrical Conductivity	581	5		µmhos/cm	09/13/2005 1210 KA	SM 2510B
Total Dissolved Solids (180)	380	10		mg/L	09/13/2005 947 EB	SM 2540
Solids, Total Dissolved (Calc)	390	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	163	5		mg/L	09/13/2005 1210 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	63	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2320 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1045 RM	EPA 353.2
Radium 226	39.0 ± 3.4	0.2		pCi/L	09/20/2005 1231 SH	SM 7500 RA B
Silica as SIO2	6.1	0.1		mg/L	09/15/2005 750 MH	EPA 200.7
Sodium Adsorption Ratio	6.5	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	198	5		mg/L	09/13/2005 1210 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1210 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1210 KA	SM 2320B
Chloride	6	1		mg/L	09/22/2005 928 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1443 RM	EPA 353.2
Sulfate	141	1		mg/L	09/22/2005 928 LK	EPA 300.0
Cations						
Calcium	19	1		mg/L	09/15/2005 750 MH	EPA 200.7
Magnesium	4	1		mg/L	09/19/2005 620 MH	EPA 200.7
Potassium	2	1		mg/L	09/19/2005 620 MH	EPA 200.7
Sodium	118	1		mg/L	09/19/2005 620 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Barker
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-001
Client Sample ID 6R21-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.25	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.17	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.94	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	0.96	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.31	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.06	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	5.11	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	6.42	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	6.37	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	0.45	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 750 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1146 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1146 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 750 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1146 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 750 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1146 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/15/2005 750 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1146 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	09/15/2005 750 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1000 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1146 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 750 MH	EPA 200.7
Selenium	0.023	0.005		mg/L	09/14/2005 1146 MS	EPA 200.8
Uranium	0.401	0.0001		mg/L	09/14/2005 1146 MS	EPA 200.8
Vanadium	0.04	0.02		mg/L	09/14/2005 1146 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 750 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-002
Client Sample ID 6M34-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.4	0.1		s.u.	09/13/2005 1223 KA	EPA 150.1
Electrical Conductivity	436	5		µmhos/cm	09/13/2005 1223 KA	SM 2510B
Total Dissolved Solids (180)	300	10		mg/L	09/13/2005 952 EB	SM 2540
Solids, Total Dissolved (Calc)	280	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	82	5		mg/L	09/13/2005 1223 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	128	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 2321 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1046 RM	EPA 353.2
Radium 226	102.2 ± 5.6	0.2		pCi/L	09/20/2005 1231 SH	SM 7500 RA B
Silica as SiO2	10.7	0.1		mg/L	09/15/2005 754 MH	EPA 200.7
Sodium Adsorption Ratio	1.7	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	100	5		mg/L	09/13/2005 1223 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1223 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1223 KA	SM 2320B
Chloride	1	1		mg/L	09/15/2005 922 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1444 RM	EPA 353.2
Sulfate	135	1		mg/L	09/15/2005 922 LK	EPA 300.0
Cations						
Calcium	44	1		mg/L	09/15/2005 754 MH	EPA 200.7
Magnesium	5	1		mg/L	09/19/2005 624 MH	EPA 200.7
Potassium	1	1		mg/L	09/19/2005 624 MH	EPA 200.7
Sodium	44	1		mg/L	09/19/2005 624 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: Kare Nbach for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-002
Client Sample ID 6M34-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.64	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.03	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.80	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	2.16	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.39	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.03	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	1.89	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	4.49	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	4.47	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	0.15	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 754 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1149 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1149 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/15/2005 754 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1149 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 754 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1149 MS	EPA 200.8
Iron	0.26	0.05		mg/L	09/15/2005 754 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1149 MS	EPA 200.8
Manganese	0.28	0.02		mg/L	09/15/2005 754 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1005 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1149 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 754 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/14/2005 1149 MS	EPA 200.8
Uranium	0.0250	0.0001		mg/L	09/14/2005 1149 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/14/2005 1149 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 754 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bad for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-003
Client Sample ID 6V24-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	6.9	0.1		s.u.	09/13/2005 1234 KA	EPA 150.1
Electrical Conductivity	301	5		µmhos/cm	09/13/2005 1234 KA	SM 2510B
Total Dissolved Solids (180)	210	10		mg/L	09/13/2005 1002 EB	SM 2540
Solids, Total Dissolved (Calc)	180	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	15	5		mg/L	09/13/2005 1234 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	35	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2322 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1047 RM	EPA 353.2
Radium 226	243.2 ± 8.7	0.2		pCi/L	09/20/2005 1231 SH	SM 7500 RA B
Silica as SiO2	16.5	0.1		mg/L	09/15/2005 757 MH	EPA 200.7
Sodium Adsorption Ratio	3.6	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	19	5		mg/L	09/13/2005 1234 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1234 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1234 KA	SM 2320B
Chloride	1	1		mg/L	09/15/2005 931 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1445 RM	EPA 353.2
Sulfate	111	1		mg/L	09/15/2005 931 LK	EPA 300.0
Cations						
Calcium	11	1		mg/L	09/15/2005 757 MH	EPA 200.7
Magnesium	2	1		mg/L	09/15/2005 757 MH	EPA 200.7
Potassium	ND	1		mg/L	09/15/2005 757 MH	EPA 200.7
Sodium	49	1		mg/L	09/15/2005 757 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-003
Client Sample ID 6V24-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.30	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.03	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.31	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	0.53	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.16	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	2.11	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	2.84	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	2.65	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Difference	0.18	0		meq/L	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 757 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1152 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1152 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 757 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1152 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 757 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1152 MS	EPA 200.8
Iron	0.76	0.05		mg/L	09/15/2005 757 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1152 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	09/15/2005 757 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1011 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1152 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 757 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/14/2005 1152 MS	EPA 200.8
Uranium	0.0076	0.0001		mg/L	09/14/2005 1152 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/14/2005 1152 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 757 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bad for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-004
Client Sample ID 6T35-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.4	0.1		s.u.	09/13/2005 1307 KA	EPA 150.1
Electrical Conductivity	485	5		µmhos/cm	09/13/2005 1307 KA	SM 2510B
Total Dissolved Solids (180)	330	10		mg/L	09/13/2005 1007 EB	SM 2540
Solids, Total Dissolved (Calc)	340	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	60	5		mg/L	09/13/2005 1307 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	119	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2323 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1048 RM	EPA 353.2
Radium 226	216.7 ± 8.3	0.2		pCi/L	09/20/2005 1231 SH	SM 7500 RA B
Silica as SiO2	10.5	0.1		mg/L	09/15/2005 801 MH	EPA 200.7
Sodium Adsorption Ratio	2.6	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	73	5		mg/L	09/13/2005 1307 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1307 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1307 KA	SM 2320B
Chloride	2	1		mg/L	09/15/2005 941 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1446 RM	EPA 353.2
Sulfate	195	1		mg/L	09/22/2005 937 LK	EPA 300.0
Cations						
Calcium	38	1		mg/L	09/19/2005 628 MH	EPA 200.7
Magnesium	6	1		mg/L	09/19/2005 628 MH	EPA 200.7
Potassium	1	1		mg/L	09/19/2005 628 MH	EPA 200.7
Sodium	65	1		mg/L	09/15/2005 801 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bach for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-004
Client Sample ID 6T35-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.19	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.04	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	4.05	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	1.91	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.46	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	2.79	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	5.22	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	5.29	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	0.63	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 801 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1155 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1155 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/15/2005 801 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1155 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 801 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1155 MS	EPA 200.8
Iron	0.93	0.05		mg/L	09/15/2005 801 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1155 MS	EPA 200.8
Manganese	0.80	0.02		mg/L	09/15/2005 801 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1013 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1155 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 801 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/14/2005 1155 MS	EPA 200.8
Uranium	0.0446	0.0001		mg/L	09/14/2005 1155 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/14/2005 1155 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 801 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Brad for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-005
Client Sample ID 6M29-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/13/2005 1319 KA	EPA 150.1
Electrical Conductivity	1680	5		µmhos/cm	09/13/2005 1319 KA	SM 2510B
Total Dissolved Solids (180)	1200	10		mg/L	09/13/2005 1012 EB	SM 2540
Solids, Total Dissolved (Calc)	1170	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	571	5		mg/L	09/13/2005 1319 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	325	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.4	0.1		mg/L	09/21/2005 2324 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1049 RM	EPA 353.2
Radium 226	215.4 ± 8.0	0.2		pCi/L	09/20/2005 1541 SH	SM 7500 RA B
Silica as SiO2	6.5	0.1		mg/L	09/15/2005 805 MH	EPA 200.7
Sodium Adsorption Ratio	8.0	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	697	5		mg/L	09/13/2005 1319 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1319 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1319 KA	SM 2320B
Chloride	17	1		mg/L	09/15/2005 951 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1448 RM	EPA 353.2
Sulfate	356	1		mg/L	09/15/2005 951 LK	EPA 300.0
Cations						
Calcium	94	1		mg/L	09/15/2005 805 MH	EPA 200.7
Magnesium	22	1		mg/L	09/15/2005 805 MH	EPA 200.7
Potassium	7	1		mg/L	09/15/2005 805 MH	EPA 200.7
Sodium	334	1		mg/L	09/15/2005 805 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Arnold for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-005
Client Sample ID 6M29-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.42	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.46	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	7.40	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	4.66	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	1.83	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.17	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	14.50	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	21.18	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	19.29	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	4.67	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 805 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1157 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1157 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 805 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1157 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 805 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1157 MS	EPA 200.8
Iron	0.06	0.05		mg/L	09/15/2005 805 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1157 MS	EPA 200.8
Manganese	0.27	0.02		mg/L	09/15/2005 805 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1015 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1157 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 805 MH	EPA 200.7
Selenium	0.007	0.005		mg/L	09/14/2005 1157 MS	EPA 200.8
Uranium	5.01	0.0001		mg/L	09/14/2005 1157 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/14/2005 1157 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 805 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: Kate Brandt for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-006
Client Sample ID 6O26-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.2	0.1		s.u.	09/13/2005 1331 KA	EPA 150.1
Electrical Conductivity	361	5		µmhos/cm	09/13/2005 1331 KA	SM 2510B
Total Dissolved Solids (180)	250	10		mg/L	09/13/2005 1017 EB	SM 2540
Solids, Total Dissolved (Calc)	230	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	58	5		mg/L	09/13/2005 1331 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	101	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2325 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1050 RM	EPA 353.2
Radium 226	729 ± 15	0.2		pCi/L	09/20/2005 1541 SH	SM 7500 RA B
Silica as SiO2	12.8	0.1		mg/L	09/15/2005 813 MH	EPA 200.7
Sodium Adsorption Ratio	1.6	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	71	5		mg/L	09/13/2005 1331 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1331 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1331 KA	SM 2320B
Chloride	1	1		mg/L	09/15/2005 1010 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1449 RM	EPA 353.2
Sulfate	113	1		mg/L	09/15/2005 1010 LK	EPA 300.0
Cations						
Calcium	33	1		mg/L	09/15/2005 813 MH	EPA 200.7
Magnesium	5	1		mg/L	09/15/2005 813 MH	EPA 200.7
Potassium	ND	1		mg/L	09/15/2005 813 MH	EPA 200.7
Sodium	37	1		mg/L	09/15/2005 813 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Kale Brad for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-006
Client Sample ID 6O26-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.15	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.03	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.35	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	1.65	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.36	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	1.60	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.65	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	3.54	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	1.52	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 813 MH	EPA 200.7
Arsenic	0.008	0.005		mg/L	09/14/2005 1200 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1200 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/15/2005 813 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1200 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 813 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1200 MS	EPA 200.8
Iron	0.52	0.05		mg/L	09/15/2005 813 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1200 MS	EPA 200.8
Manganese	0.26	0.02		mg/L	09/15/2005 813 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1017 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1200 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 813 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/14/2005 1200 MS	EPA 200.8
Uranium	0.124	0.0001		mg/L	09/14/2005 1200 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	09/14/2005 1200 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 813 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Kate Ward for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-007
Client Sample ID NPHW-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/13/2005 1343 KA	EPA 150.1
Electrical Conductivity	1130	5		µmhos/cm	09/13/2005 1343 KA	SM 2510B
Total Dissolved Solids (180)	760	10		mg/L	09/13/2005 1022 EB	SM 2540
Solids, Total Dissolved (Calc)	740	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	486	5		mg/L	09/13/2005 1343 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	216	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2326 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1051 RM	EPA 353.2
Radium 226	202.5 ± 7.8	0.2		pCi/L	09/20/2005 1541 SH	SM 7500 RA B
Silica as SiO2	7.5	0.1		mg/L	09/15/2005 817 MH	EPA 200.7
Sodium Adsorption Ratio	6.5	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	593	5		mg/L	09/13/2005 1343 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1343 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1343 KA	SM 2320B
Chloride	8	1		mg/L	09/15/2005 1020 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1450 RM	EPA 353.2
Sulfate	138	1		mg/L	09/15/2005 1020 LK	EPA 300.0
Cations						
Calcium	64	1		mg/L	09/15/2005 817 MH	EPA 200.7
Magnesium	14	1		mg/L	09/15/2005 817 MH	EPA 200.7
Potassium	5	1		mg/L	09/15/2005 817 MH	EPA 200.7
Sodium	219	1		mg/L	09/15/2005 817 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: Kate A Bach for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-007
Client Sample ID NPHW-1
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	9.71	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.21	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.87	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	3.17	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	1.14	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.13	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	9.50	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	13.95	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	12.81	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	4.28	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 817 MH	EPA 200.7
Arsenic	0.011	0.005		mg/L	09/14/2005 1203 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1203 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 817 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1203 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 817 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1203 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/15/2005 817 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1203 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	09/15/2005 817 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1018 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1203 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 817 MH	EPA 200.7
Selenium	0.162	0.005		mg/L	09/14/2005 1203 MS	EPA 200.8
Uranium	1.16	0.0001		mg/L	09/14/2005 1203 MS	EPA 200.8
Vanadium	0.20	0.02		mg/L	09/14/2005 1203 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 817 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Barb for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/3/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-008
Client Sample ID NPHW-2
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	09/30/2005 1827 KA	EPA 150.1
Electrical Conductivity	1020	5		µmhos/cm	09/13/2005 1414 KA	SM 2510B
Total Dissolved Solids (180)	680	10		mg/L	09/13/2005 1027 EB	SM 2540
Solids, Total Dissolved (Calc)	710	10		mg/L	10/03/2005 1118 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	313	5		mg/L	09/30/2005 1827 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	145	1		mg/L	10/03/2005 1118 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 2327 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1052 RM	EPA 353.2
Radium 226	301.5 ± 9.5	0.2		pCi/L	09/20/2005 1541 SH	SM 7500 RA B
Silica as SiO2	6.9	0.1		mg/L	09/15/2005 821 MH	EPA 200.7
Sodium Adsorption Ratio	7.3	0.1			10/03/2005 1118 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	374	5		mg/L	09/30/2005 1827 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/30/2005 1827 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/30/2005 1827 KA	SM 2320B
Chloride	12	1		mg/L	09/22/2005 947 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1451 RM	EPA 353.2
Sulfate	249	1		mg/L	09/22/2005 947 LK	EPA 300.0
Cations						
Calcium	42	1		mg/L	09/15/2005 821 MH	EPA 200.7
Magnesium	10	1		mg/L	09/19/2005 632 MH	EPA 200.7
Potassium	5	1		mg/L	09/19/2005 632 MH	EPA 200.7
Sodium	201	1		mg/L	09/19/2005 632 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bark for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/3/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-008
Client Sample ID NPHW-2
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.12	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Carbonate as CO3	0.14	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Chloride	0.34	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Sulfate	5.19	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Calcium	2.11	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Magnesium	0.78	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Potassium	0.11	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Sodium	8.76	0.01		meq/L	10/03/2005 1118 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	11.78	0		meq/L	10/03/2005 1118 KA	SM 1030F
Anion Sum	11.80	0		meq/L	10/03/2005 1118 KA	SM 1030F
Cation-Anion Balance	0.08	0		%	10/03/2005 1118 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 821 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1215 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1215 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 821 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1215 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 821 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1215 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/15/2005 821 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1215 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	09/15/2005 821 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1020 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1215 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 821 MH	EPA 200.7
Selenium	0.008	0.005		mg/L	09/14/2005 1215 MS	EPA 200.8
Uranium	0.451	0.0001		mg/L	09/14/2005 1215 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	09/14/2005 1215 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 821 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bader for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-009
Client Sample ID NPHW-5
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/13/2005 1430 KA	EPA 150.1
Electrical Conductivity	943	5		µmhos/cm	09/13/2005 1430 KA	SM 2510B
Total Dissolved Solids (180)	550	10		mg/L	09/13/2005 1032 EB	SM 2540
Solids, Total Dissolved (Calc)	540	10		mg/L	09/23/2005 1121 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	343	5		mg/L	09/13/2005 1430 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	126	1		mg/L	09/23/2005 1121 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 2328 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/14/2005 1053 RM	EPA 353.2
Radium 226	212.3 ± 8.2	0.2		pCi/L	09/20/2005 1541 SH	SM 7500 RA B
Silica as SiO2	6.7	0.1		mg/L	09/15/2005 825 MH	EPA 200.7
Sodium Adsorption Ratio	6.3	0.1			09/23/2005 1121 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	419	5		mg/L	09/13/2005 1430 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/13/2005 1430 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/13/2005 1430 KA	SM 2320B
Chloride	8	1		mg/L	09/15/2005 1108 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	09/13/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1452 RM	EPA 353.2
Sulfate	109	1		mg/L	09/15/2005 1108 LK	EPA 300.0
Cations						
Calcium	38	1		mg/L	09/19/2005 636 MH	EPA 200.7
Magnesium	8	1		mg/L	09/19/2005 636 MH	EPA 200.7
Potassium	4	1		mg/L	09/19/2005 636 MH	EPA 200.7
Sodium	163	1		mg/L	09/19/2005 636 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bauch for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 9/29/2005
Report ID: S0509130001

Project: Cogema Christensen Mine
Lab ID: S0509130-009
Client Sample ID NPHW-5
Matrix: Water

Work Order: S0509130
Collection Date: 9/12/2005
Date Received: 9/12/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.86	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Chloride	0.22	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sulfate	2.27	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Calcium	1.88	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Magnesium	0.62	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Potassium	0.10	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Sodium	7.11	0.01		meq/L	09/23/2005 1121 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	9.72	0		meq/L	09/23/2005 1121 KA	SM 1030F
Anion Sum	9.36	0		meq/L	09/23/2005 1121 KA	SM 1030F
Cation-Anion Balance	1.88	0		%	09/23/2005 1121 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/15/2005 825 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/14/2005 1218 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/14/2005 1218 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/15/2005 825 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/14/2005 1218 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/15/2005 825 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/14/2005 1218 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/15/2005 825 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/14/2005 1218 MS	EPA 200.8
Manganese	0.08	0.02		mg/L	09/15/2005 825 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/15/2005 1022 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/14/2005 1218 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/15/2005 825 MH	EPA 200.7
Selenium	0.356	0.005		mg/L	09/14/2005 1218 MS	EPA 200.8
Uranium	1.25	0.0001		mg/L	09/14/2005 1218 MS	EPA 200.8
Vanadium	0.21	0.02		mg/L	09/14/2005 1218 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/15/2005 825 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bader for
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-~~1429~~ (Christensen Mine) or 234-5019 (Mills Office)
464-1427 x 34
Samples shipped to Inter-mountain lab sheridan, wy

Submitted by Jane Richards Date 9/20/05 Received by Cindy Nickerson Date 9/20/05

Restoration Sample Description
Location: ___ Irigaray ✓ Christensen Mine or Production Unit Ce Module # (if applicale) ___

Restoration Phase: ___ Groundwater Sweep (explain ___)
___ Reverse Osmosis Filtration (explain ___)
___ Recirculation (explain ___)
✓ Stabilization (explain Round 2)

Entered 1/5/06

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to ~~: Tom nicholson~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AD61-1	9/20/05	Half Gal.	X		X		50509262-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	NPW-7		**	**	**	**	**		002
3	6ATS8-1		**	**	**	**	**		003
4	6AL54-2		**	**	**	**	**		004
5	6AI63-3		**	**	**	**	**		005
6	6AG64-2		**	**	**	**	**		006
7	6AP64-2		**	**	**	**	**		007
8	7AS65-1		**	**	**	**	**		008
9	6AL35-1		**	**	**	**	**		009
10	6A		**	**	**	**	**		0
11	6T23-4		**	**	**	**	**		010
12	6AG68-1		**	**	**	**	**		011
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter-Mountain Laboratories **Date:** *18-Oct-05*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0509262

CASE NARRATIVE

Report ID: S0509262001

Samples 6AD61-1, 6AG64-2, 6AG68-1, 6AI63-3, 6AL35-1, 6AL54-2, 6AP64-2, 6AT58-1, 6T23-4, 7AS65-1, and NPHW-7 were received on September 20, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-001
Client Sample ID 6AD61-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	09/22/2005 539 KA	EPA 150.1
Electrical Conductivity	1300	5		µmhos/cm	09/22/2005 539 KA	SM 2510B
Total Dissolved Solids (180)	980	10		mg/L	09/22/2005 928 EB	SM 2540
Solids, Total Dissolved (Calc)	910	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	180	5		mg/L	09/22/2005 539 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	296	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.4	0.1		mg/L	10/05/2005 1304 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1008 RM	EPA 353.2
Radium 226	286.2 ± 8.8	0.2		pCi/L	09/30/2005 1326 SH	SM 7500 RA B
Silica as SiO2	23.9	0.1		mg/L	09/27/2005 1123 MH	EPA 200.7
Sodium Adsorption Ratio	5.5	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	220	5		mg/L	09/22/2005 539 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 539 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 539 KA	SM 2320B
Chloride	15	1		mg/L	09/23/2005 1809 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.37	0.05		mg/L	09/21/2005 2105 RM	EPA 353.2
Sulfate	464	1		mg/L	09/23/2005 1809 LK	EPA 300.0
Cations						
Calcium	83	1		mg/L	09/27/2005 1123 MH	EPA 200.7
Magnesium	22	1		mg/L	09/29/2005 555 MH	EPA 200.7
Potassium	2	1		mg/L	09/29/2005 555 MH	EPA 200.7
Sodium	216	1		mg/L	09/29/2005 555 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bauch for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-001
Client Sample ID 6AD61-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.57	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.40	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	0.02	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	9.17	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	4.13	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	1.78	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.05	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	9.39	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	15.36	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	13.72	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	5.63	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1123 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1541 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1541 MS	EPA 200.8
Boron	0.10	0.03		mg/L	09/27/2005 1123 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1541 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1123 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1541 MS	EPA 200.8
Iron	2.74	0.05		mg/L	09/27/2005 1123 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1541 MS	EPA 200.8
Manganese	0.71	0.02		mg/L	09/27/2005 1123 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1156 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1541 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1123 MH	EPA 200.7
Selenium	0.013	0.005		mg/L	09/21/2005 1541 MS	EPA 200.8
Uranium	0.0811	0.0001		mg/L	09/21/2005 1541 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	09/21/2005 1541 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1123 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-002
Client Sample ID NPHW-7
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	09/22/2005 550 KA	EPA 150.1
Electrical Conductivity	911	5		µmhos/cm	09/22/2005 550 KA	SM 2510B
Total Dissolved Solids (180)	590	10		mg/L	09/22/2005 938 EB	SM 2540
Solids, Total Dissolved (Calc)	600	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	359	5		mg/L	09/22/2005 550 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	94	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/27/2005 1544 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1009 RM	EPA 353.2
Radium 226	55.4 ± 3.9	0.2		pCi/L	09/30/2005 1326 SH	SM 7500 RA B
Silica as SiO2	6.8	0.1		mg/L	09/27/2005 1127 MH	EPA 200.7
Sodium Adsorption Ratio	9.1	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	438	5		mg/L	09/22/2005 550 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 550 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 550 KA	SM 2320B
Chloride	8	1		mg/L	10/05/2005 932 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	09/21/2005 2106 RM	EPA 353.2
Sulfate	133	1		mg/L	10/05/2005 932 LK	EPA 300.0
Cations						
Calcium	26	1		mg/L	09/29/2005 559 MH	EPA 200.7
Magnesium	7	1		mg/L	09/29/2005 559 MH	EPA 200.7
Potassium	4	1		mg/L	09/29/2005 559 MH	EPA 200.7
Sodium	202	1		mg/L	09/29/2005 559 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-002
Client Sample ID NPHW-7
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.17	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.22	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	2.75	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	1.30	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.56	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.09	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	8.79	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	10.76	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	10.17	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	2.81	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1127 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1705 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1705 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/27/2005 1127 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1705 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1127 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1705 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/27/2005 1127 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1705 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	09/27/2005 1127 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1158 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1705 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1127 MH	EPA 200.7
Selenium	0.096	0.005		mg/L	09/21/2005 1705 MS	EPA 200.8
Uranium	3.52	0.0001		mg/L	09/21/2005 1705 MS	EPA 200.8
Vanadium	0.16	0.02		mg/L	09/21/2005 1705 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1127 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baud for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-003
Client Sample ID 6AT58-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	09/22/2005 559 KA	EPA 150.1
Electrical Conductivity	1270	5		µmhos/cm	09/22/2005 559 KA	SM 2510B
Total Dissolved Solids (180)	880	10		mg/L	09/22/2005 943 EB	SM 2540
Solids, Total Dissolved (Calc)	890	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	83	5		mg/L	10/07/2005 2021 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	129	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/27/2005 1545 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1010 RM	EPA 353.2
Radium 226	34.1 ± 3.0	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	6.8	0.1		mg/L	09/27/2005 1131 MH	EPA 200.7
Sodium Adsorption Ratio	10.1	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	101	5		mg/L	10/07/2005 2021 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	10/07/2005 2021 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	10/07/2005 2021 KA	SM 2320B
Chloride	3	1		mg/L	10/05/2005 942 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2114 RM	EPA 353.2
Sulfate	517	1		mg/L	09/23/2005 1906 LK	EPA 300.0
Cations						
Calcium	39	1		mg/L	09/29/2005 603 MH	EPA 200.7
Magnesium	8	1		mg/L	09/29/2005 603 MH	EPA 200.7
Potassium	4	1		mg/L	09/29/2005 603 MH	EPA 200.7
Sodium	263	1		mg/L	09/29/2005 603 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Baldwin
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-003
Client Sample ID 6AT58-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.65	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.09	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	9.99	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	1.96	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.62	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.11	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	11.45	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	14.15	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	12.52	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	6.11	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1131 MH	EPA 200.7
Arsenic	0.006	0.005		mg/L	09/21/2005 1702 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1702 MS	EPA 200.8
Boron	0.06	0.03		mg/L	09/27/2005 1131 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1702 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1131 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1702 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/27/2005 1131 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1702 MS	EPA 200.8
Manganese	ND	0.02		mg/L	09/27/2005 1131 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1201 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1702 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1131 MH	EPA 200.7
Selenium	0.181	0.005		mg/L	09/21/2005 1702 MS	EPA 200.8
Uranium	0.252	0.0001		mg/L	09/21/2005 1702 MS	EPA 200.8
Vanadium	0.15	0.02		mg/L	09/21/2005 1702 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1131 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baden for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-004
Client Sample ID 6AL54-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	09/22/2005 611 KA	EPA 150.1
Electrical Conductivity	319	5		µmhos/cm	09/22/2005 611 KA	SM 2510B
Total Dissolved Solids (180)	210	10		mg/L	09/22/2005 948 EB	SM 2540
Solids, Total Dissolved (Calc)	200	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	51	5		mg/L	09/22/2005 611 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	44	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/27/2005 1552 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1011 RM	EPA 353.2
Radium 226	63.6 ± 4.1	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	16.5	0.1		mg/L	09/27/2005 1139 MH	EPA 200.7
Sodium Adsorption Ratio	3.4	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	62	5		mg/L	09/22/2005 611 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 611 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 611 KA	SM 2320B
Chloride	3	1		mg/L	09/23/2005 1916 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	09/21/2005 2115 RM	EPA 353.2
Sulfate	96	1		mg/L	09/23/2005 1916 LK	EPA 300.0
Cations						
Calcium	14	1		mg/L	09/27/2005 1139 MH	EPA 200.7
Magnesium	2	1		mg/L	09/27/2005 1139 MH	EPA 200.7
Potassium	ND	1		mg/L	09/27/2005 1139 MH	EPA 200.7
Sodium	53	1		mg/L	09/27/2005 1139 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baldwin for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-004
Client Sample ID 6AL54-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.01	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.07	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	1.99	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	0.69	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.19	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.02	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	2.28	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.19	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	3.09	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	1.68	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1139 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1659 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1659 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/27/2005 1139 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1659 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1139 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1659 MS	EPA 200.8
Iron	0.31	0.05		mg/L	09/27/2005 1139 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1659 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	09/27/2005 1139 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1203 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1659 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1139 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/21/2005 1659 MS	EPA 200.8
Uranium	0.0036	0.0001		mg/L	09/21/2005 1659 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	09/21/2005 1659 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1139 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Kara Abarde for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-005
Client Sample ID 6AI63-3
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.2	0.1		s.u.	09/22/2005 621 KA	EPA 150.1
Electrical Conductivity	707	5		µmhos/cm	09/22/2005 621 KA	SM 2510B
Total Dissolved Solids (180)	520	10		mg/L	09/22/2005 953 EB	SM 2540
Solids, Total Dissolved (Calc)	490	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	49	5		mg/L	09/22/2005 621 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	201	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/27/2005 1553 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1012 RM	EPA 353.2
Radium 226	255.3 ± 8.3	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	26.3	0.1		mg/L	09/27/2005 1146 MH	EPA 200.7
Sodium Adsorption Ratio	2.5	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	60	5		mg/L	09/22/2005 621 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 621 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 621 KA	SM 2320B
Chloride	3	1		mg/L	09/23/2005 1926 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.12	0.05		mg/L	09/21/2005 2116 RM	EPA 353.2
Sulfate	303	1		mg/L	09/23/2005 1926 LK	EPA 300.0
Cations						
Calcium	64	1		mg/L	09/27/2005 1146 MH	EPA 200.7
Magnesium	10	1		mg/L	09/27/2005 1146 MH	EPA 200.7
Potassium	2	1		mg/L	09/27/2005 1146 MH	EPA 200.7
Sodium	83	1		mg/L	09/27/2005 1146 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baude for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-005
Client Sample ID 6Ai63-3
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.98	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.07	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	6.30	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	3.18	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.84	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.04	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	3.60	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	7.67	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	7.37	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	1.99	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1146 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1656 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1656 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/27/2005 1146 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1656 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1146 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1656 MS	EPA 200.8
Iron	1.62	0.05		mg/L	09/27/2005 1146 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1656 MS	EPA 200.8
Manganese	0.35	0.02		mg/L	09/27/2005 1146 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1206 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1656 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1146 MH	EPA 200.7
Selenium	0.005	0.005		mg/L	09/21/2005 1656 MS	EPA 200.8
Uranium	0.0596	0.0001		mg/L	09/21/2005 1656 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	09/21/2005 1656 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1146 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-006
Client Sample ID 6AG64-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	09/22/2005 643 KA	EPA 150.1
Electrical Conductivity	505	5		µmhos/cm	09/22/2005 643 KA	SM 2510B
Total Dissolved Solids (180)	350	10		mg/L	09/22/2005 958 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	10/18/2005 923 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	60	5		mg/L	09/22/2005 643 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	178	1		mg/L	10/18/2005 923 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/27/2005 1554 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1013 RM	EPA 353.2
Radium 226	233.6 ± 8.1	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	9.5	0.1		mg/L	09/27/2005 1150 MH	EPA 200.7
Sodium Adsorption Ratio	1.3	0.1			10/18/2005 923 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	73	5		mg/L	09/22/2005 643 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 643 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 643 KA	SM 2320B
Chloride	ND	1		mg/L	09/23/2005 1945 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.19	0.05		mg/L	09/21/2005 2117 RM	EPA 353.2
Sulfate	174	1		mg/L	09/23/2005 1945 LK	EPA 300.0
Cations						
Calcium	63	1		mg/L	09/29/2005 611 MH	EPA 200.7
Magnesium	5	1		mg/L	09/29/2005 611 MH	EPA 200.7
Potassium	ND	1		mg/L	09/27/2005 1150 MH	EPA 200.7
Sodium	41	1		mg/L	09/29/2005 611 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Baldwin for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-006
Client Sample ID 6AG64-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.19	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Chloride	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Sulfate	3.62	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Calcium	3.18	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Magnesium	0.41	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Potassium	0.02	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Sodium	1.81	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	5.37	0		meq/L	10/18/2005 923 KA	SM 1030F
Anion Sum	4.84	0		meq/L	10/18/2005 923 KA	SM 1030F
Cation-Anion Balance	5.13	0		%	10/18/2005 923 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1150 MH	EPA 200.7
Arsenic	0.011	0.005		mg/L	09/21/2005 1652 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1652 MS	EPA 200.8
Boron	0.06	0.03		mg/L	09/27/2005 1150 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1652 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1150 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1652 MS	EPA 200.8
Iron	0.58	0.05		mg/L	09/27/2005 1150 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1652 MS	EPA 200.8
Manganese	0.29	0.02		mg/L	09/27/2005 1150 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1211 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1652 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1150 MH	EPA 200.7
Selenium	0.009	0.005		mg/L	09/21/2005 1652 MS	EPA 200.8
Uranium	0.239	0.0001		mg/L	09/21/2005 1652 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/21/2005 1652 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1150 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baird for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-007
Client Sample ID 6AP64-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	09/22/2005 632 KA	EPA 150.1
Electrical Conductivity	1120	5		µmhos/cm	09/22/2005 632 KA	SM 2510B
Total Dissolved Solids (180)	770	10		mg/L	09/22/2005 1003 EB	SM 2540
Solids, Total Dissolved (Calc)	760	10		mg/L	10/18/2005 923 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	324	5		mg/L	09/22/2005 632 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	144	1		mg/L	10/18/2005 923 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/27/2005 1555 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1014 RM	EPA 353.2
Radium 226	181.2 ± 7.1	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	09/27/2005 1154 MH	EPA 200.7
Sodium Adsorption Ratio	8.4	0.1			10/18/2005 923 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	395	5		mg/L	09/22/2005 632 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 632 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 632 KA	SM 2320B
Chloride	8	1		mg/L	09/23/2005 1935 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	09/21/2005 2118 RM	EPA 353.2
Sulfate	274	1		mg/L	09/23/2005 1935 LK	EPA 300.0
Cations						
Calcium	43	1		mg/L	09/29/2005 607 MH	EPA 200.7
Magnesium	9	1		mg/L	09/29/2005 607 MH	EPA 200.7
Potassium	4	1		mg/L	09/29/2005 607 MH	EPA 200.7
Sodium	232	1		mg/L	09/29/2005 607 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-007
Client Sample ID 6AP64-2
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.47	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Chloride	0.22	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Sulfate	5.70	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Calcium	2.16	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Magnesium	0.74	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Potassium	0.12	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Sodium	10.27	0.01		meq/L	10/18/2005 923 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	13.06	0		meq/L	10/18/2005 923 KA	SM 1030F
Anion Sum	12.41	0		meq/L	10/18/2005 923 KA	SM 1030F
Cation-Anion Balance	2.57	0		%	10/18/2005 923 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1154 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1648 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1648 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/27/2005 1154 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1648 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1154 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1648 MS	EPA 200.8
Iron	0.09	0.05		mg/L	09/27/2005 1154 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1648 MS	EPA 200.8
Manganese	0.08	0.02		mg/L	09/27/2005 1154 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1221 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1648 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1154 MH	EPA 200.7
Selenium	0.046	0.005		mg/L	09/21/2005 1648 MS	EPA 200.8
Uranium	1.05	0.0001		mg/L	09/21/2005 1648 MS	EPA 200.8
Vanadium	0.05	0.02		mg/L	09/21/2005 1648 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1154 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baker for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-008
Client Sample ID 7AS65-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.28	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.12	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	10.71	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	3.01	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	1.10	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.13	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	10.93	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	15.18	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	14.12	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	3.58	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1158 MH	EPA 200.7
Arsenic	0.007	0.005		mg/L	09/21/2005 1638 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1638 MS	EPA 200.8
Boron	0.06	0.03		mg/L	09/27/2005 1158 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1638 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1158 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1638 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/27/2005 1158 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1638 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	09/27/2005 1158 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1224 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1638 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1158 MH	EPA 200.7
Selenium	0.138	0.005		mg/L	09/21/2005 1638 MS	EPA 200.8
Uranium	2.17	0.0001		mg/L	09/21/2005 1638 MS	EPA 200.8
Vanadium	0.04	0.02		mg/L	09/21/2005 1638 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1158 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Baud for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-008
Client Sample ID 7AS65-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	09/22/2005 654 KA	EPA 150.1
Electrical Conductivity	1340	5		µmhos/cm	09/22/2005 654 KA	SM 2510B
Total Dissolved Solids (180)	940	10		mg/L	09/22/2005 1008 EB	SM 2540
Solids, Total Dissolved (Calc)	950	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	164	5		mg/L	09/22/2005 654 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	206	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/27/2005 1556 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1021 RM	EPA 353.2
Radium 226	205.7 ± 7.6	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	4.9	0.1		mg/L	09/27/2005 1158 MH	EPA 200.7
Sodium Adsorption Ratio	7.6	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	200	5		mg/L	09/22/2005 654 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 654 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 654 KA	SM 2320B
Chloride	4	1		mg/L	09/23/2005 1955 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	09/21/2005 2119 RM	EPA 353.2
Sulfate	515	1		mg/L	09/23/2005 1955 LK	EPA 300.0
Cations						
Calcium	60	1		mg/L	09/29/2005 615 MH	EPA 200.7
Magnesium	13	1		mg/L	09/29/2005 615 MH	EPA 200.7
Potassium	5	1		mg/L	09/29/2005 615 MH	EPA 200.7
Sodium	251	1		mg/L	09/29/2005 615 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-009
Client Sample ID 6AL35-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/22/2005 707 KA	EPA 150.1
Electrical Conductivity	1560	5		µmhos/cm	09/22/2005 707 KA	SM 2510B
Total Dissolved Solids (180)	1090	10		mg/L	09/22/2005 1013 EB	SM 2540
Solids, Total Dissolved (Calc)	1040	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	514	5		mg/L	09/22/2005 707 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	260	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.4	0.1		mg/L	09/27/2005 1557 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1022 RM	EPA 353.2
Radium 226	200.4 ± 7.6	0.2		pCi/L	09/30/2005 1635 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	09/27/2005 1214 MH	EPA 200.7
Sodium Adsorption Ratio	8.1	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	628	5		mg/L	09/22/2005 707 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 707 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 707 KA	SM 2320B
Chloride	20	1		mg/L	09/23/2005 2004 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.16	0.05		mg/L	09/21/2005 2120 RM	EPA 353.2
Sulfate	315	1		mg/L	09/23/2005 2004 LK	EPA 300.0
Cations						
Calcium	74	1		mg/L	09/29/2005 646 MH	EPA 200.7
Magnesium	18	1		mg/L	09/29/2005 646 MH	EPA 200.7
Potassium	6	1		mg/L	09/29/2005 646 MH	EPA 200.7
Sodium	301	1		mg/L	09/29/2005 646 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-009
Client Sample ID 6AL35-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.29	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.56	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	6.55	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	3.67	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	1.51	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.15	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	13.11	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	18.45	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	17.42	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	2.87	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1214 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/21/2005 1610 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1610 MS	EPA 200.8
Boron	0.10	0.03		mg/L	09/27/2005 1214 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1610 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1214 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1610 MS	EPA 200.8
Iron	0.36	0.05		mg/L	09/27/2005 1214 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1610 MS	EPA 200.8
Manganese	0.21	0.02		mg/L	09/27/2005 1214 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1225 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1610 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1214 MH	EPA 200.7
Selenium	0.297	0.005		mg/L	09/21/2005 1610 MS	EPA 200.8
Uranium	5.34	0.0001		mg/L	09/21/2005 1610 MS	EPA 200.8
Vanadium	0.12	0.02		mg/L	09/21/2005 1610 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1214 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-010
Client Sample ID 6T23-4
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/22/2005 718 KA	EPA 150.1
Electrical Conductivity	800	5		µmhos/cm	09/22/2005 718 KA	SM 2510B
Total Dissolved Solids (180)	540	10		mg/L	09/22/2005 1018 EB	SM 2540
Solids, Total Dissolved (Calc)	550	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	232	5		mg/L	09/22/2005 718 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	169	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/27/2005 1558 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1023 RM	EPA 353.2
Radium 226	238.0 ± 8.1	0.2		pCi/L	09/30/2005 1944 SH	SM 7500 RA B
Silica as SiO2	6.9	0.1		mg/L	09/27/2005 1218 MH	EPA 200.7
Sodium Adsorption Ratio	4.5	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	284	5		mg/L	09/22/2005 718 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 718 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 718 KA	SM 2320B
Chloride	11	1		mg/L	10/03/2005 1016 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2121 RM	EPA 353.2
Sulfate	200	1		mg/L	10/03/2005 1016 LK	EPA 300.0
Cations						
Calcium	51	1		mg/L	09/29/2005 650 MH	EPA 200.7
Magnesium	10	1		mg/L	09/29/2005 650 MH	EPA 200.7
Potassium	2	1		mg/L	09/29/2005 650 MH	EPA 200.7
Sodium	134	1		mg/L	09/29/2005 650 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Kate Ward for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-010
Client Sample ID 6T23-4
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.65	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.30	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	4.17	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	2.55	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.82	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.03	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	5.83	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	9.25	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	9.13	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	0.67	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1218 MH	EPA 200.7
Arsenic	0.005	0.005		mg/L	09/21/2005 1613 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1613 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/27/2005 1218 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1613 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1218 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1613 MS	EPA 200.8
Iron	1.38	0.05		mg/L	09/27/2005 1218 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1613 MS	EPA 200.8
Manganese	1.50	0.02		mg/L	09/27/2005 1218 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1227 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1613 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1218 MH	EPA 200.7
Selenium	0.006	0.005		mg/L	09/21/2005 1613 MS	EPA 200.8
Uranium	0.0370	0.0001		mg/L	09/21/2005 1613 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/21/2005 1613 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1218 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Kate Band for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-011
Client Sample ID 6AG68-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	09/22/2005 730 KA	EPA 150.1
Electrical Conductivity	355	5		µmhos/cm	09/22/2005 730 KA	SM 2510B
Total Dissolved Solids (180)	230	10		mg/L	09/22/2005 1023 EB	SM 2540
Solids, Total Dissolved (Calc)	230	10		mg/L	10/10/2005 1011 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/22/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	50	5		mg/L	09/22/2005 730 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	97	1		mg/L	10/10/2005 1011 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/27/2005 1559 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/22/2005 1024 RM	EPA 353.2
Radium 226	106.3 ± 5.4	0.2		pCi/L	09/30/2005 1944 SH	SM 7500 RA B
Silica as SiO2	19.7	0.1		mg/L	09/27/2005 1225 MH	EPA 200.7
Sodium Adsorption Ratio	1.7	0.1			10/10/2005 1011 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	61	5		mg/L	09/22/2005 730 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/22/2005 730 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/22/2005 730 KA	SM 2320B
Chloride	1	1		mg/L	09/23/2005 2033 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/21/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2122 RM	EPA 353.2
Sulfate	120	1		mg/L	09/23/2005 2033 LK	EPA 300.0
Cations						
Calcium	31	1		mg/L	09/29/2005 654 MH	EPA 200.7
Magnesium	5	1		mg/L	09/29/2005 654 MH	EPA 200.7
Potassium	1	1		mg/L	09/29/2005 654 MH	EPA 200.7
Sodium	39	1		mg/L	09/27/2005 1225 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bard for
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/18/2005
Report ID: S0509262001

Project: Cogema Christensen Mine
Lab ID: S0509262-011
Client Sample ID 6AG68-1
Matrix: Water

Work Order: S0509262
Collection Date: 9/20/2005
Date Received: 9/20/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.00	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Chloride	0.04	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Fluoride	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sulfate	2.49	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Calcium	1.53	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Magnesium	0.39	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Potassium	0.02	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Sodium	1.70	0.01		meq/L	10/10/2005 1011 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.66	0		meq/L	10/10/2005 1011 KA	SM 1030F
Anion Sum	3.54	0		meq/L	10/10/2005 1011 KA	SM 1030F
Cation-Anion Balance	1.75	0		%	10/10/2005 1011 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/27/2005 1225 MH	EPA 200.7
Arsenic	0.007	0.005		mg/L	09/21/2005 1627 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/21/2005 1627 MS	EPA 200.8
Boron	0.13	0.03		mg/L	09/27/2005 1225 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/21/2005 1627 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/27/2005 1225 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/21/2005 1627 MS	EPA 200.8
Iron	0.27	0.05		mg/L	09/27/2005 1225 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/21/2005 1627 MS	EPA 200.8
Manganese	0.17	0.02		mg/L	09/27/2005 1225 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/28/2005 1229 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/21/2005 1627 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/27/2005 1225 MH	EPA 200.7
Selenium	0.011	0.005		mg/L	09/21/2005 1627 MS	EPA 200.8
Uranium	0.0123	0.0001		mg/L	09/21/2005 1627 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/21/2005 1627 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/27/2005 1225 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen A Bach
Wade Nieuwsma, Project Manager

Entered 1/4/06

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by Lam Richards Date 9/15/05 Received by Kelli Byrne Date 9-15-05

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit Ca Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain _____)
___ Reverse Osmosis Filtration (explain _____)
___ Recirculation (explain _____)
X Stabilization (explain Round 2)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom nicholson~~ Carm Aubogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Comments
1	CoP30-2	9/14/05	Half Gal.	X		X		50509197-001
			Quart	X				
			8 ozs.		X			
			8 ozs.	X			X	
2	CoL20-2		**	**	**	**	**	50509197-002
3	CoT17-1		**	**	**	**	**	-003
4	CoAN47-1		**	**	**	**	**	-004
5	CoAS47-1		**	**	**	**	**	-005
6	CoATS1-4		**	**	**	**	**	-006
7	CoAQS2-1		**	**	**	**	**	-007
8	CoAQ46-1		**	**	**	**	**	-008
9	CoAQS6-1		**	**	**	**	**	-009
10	CoAE44-1		**	**	**	**	**	-010
11			**	**	**	**	**	
12			**	**	**	**	**	
13			**	**	**	**	**	
14			**	**	**	**	**	
15			**	**	**	**	**	

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-001
Client Sample ID: 6P30-2
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	09/16/2005 1902 KA	EPA 150.1
Electrical Conductivity	531	5		µmhos/cm	09/16/2005 1902 KA	SM 2510B
Total Dissolved Solids (180)	350	10		mg/L	09/19/2005 1526 EB	SM 2540
Solids, Total Dissolved (Calc)	310	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	189	5		mg/L	09/16/2005 1902 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	70	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 029 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 746 RM	EPA 353.2
Radium 226	82.4 ± 4.7	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	4.9	0.1		mg/L	09/21/2005 724 MH	EPA 200.7
Sodium Adsorption Ratio	4.8	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	231	5		mg/L	09/16/2005 1902 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 1902 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1902 KA	SM 2320B
Chloride	6	1		mg/L	09/16/2005 1524 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2029 RM	EPA 353.2
Sulfate	73	1		mg/L	09/16/2005 1524 LK	EPA 300.0
Cations						
Calcium	21	1		mg/L	09/23/2005 604 MH	EPA 200.7
Magnesium	4	1		mg/L	09/21/2005 724 MH	EPA 200.7
Potassium	3	1		mg/L	09/21/2005 724 MH	EPA 200.7
Sodium	92	1		mg/L	09/23/2005 604 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-001
Client Sample ID: 6P30-2
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.78	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.16	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	1.52	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	1.04	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.35	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.06	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	3.97	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	5.44	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	5.48	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	0.36	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 724 MH	EPA 200.7
Arsenic	0.022	0.005		mg/L	09/19/2005 1301 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1301 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 724 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1301 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 724 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1301 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 724 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1301 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	09/21/2005 724 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1128 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1301 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 724 MH	EPA 200.7
Selenium	0.654	0.005		mg/L	09/19/2005 1301 MS	EPA 200.8
Uranium	0.687	0.0001		mg/L	09/19/2005 1301 MS	EPA 200.8
Vanadium	0.38	0.02		mg/L	09/19/2005 1301 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 724 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-002
Client Sample ID: 6U20-2
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	09/16/2005 1913 KA	EPA 150.1
Electrical Conductivity	511	5		µmhos/cm	09/16/2005 1913 KA	SM 2510B
Total Dissolved Solids (180)	340	10		mg/L	09/19/2005 1531 EB	SM 2540
Solids, Total Dissolved (Calc)	310	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	204	5		mg/L	09/16/2005 1913 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	62	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 030 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 747 RM	EPA 353.2
Radium 226	66.3 ± 4.2	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	4.7	0.1		mg/L	09/21/2005 728 MH	EPA 200.7
Sodium Adsorption Ratio	5.5	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	249	5		mg/L	09/16/2005 1913 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 1913 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1913 KA	SM 2320B
Chloride	4	1		mg/L	09/16/2005 1534 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2030 RM	EPA 353.2
Sulfate	60	1		mg/L	09/16/2005 1534 LK	EPA 300.0
Cations						
Calcium	19	1		mg/L	09/21/2005 728 MH	EPA 200.7
Magnesium	4	1		mg/L	09/21/2005 728 MH	EPA 200.7
Potassium	3	1		mg/L	09/21/2005 728 MH	EPA 200.7
Sodium	100	1		mg/L	09/21/2005 728 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-002
Client Sample ID: 6U20-2
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.08	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.10	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	1.24	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	0.95	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.28	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.06	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	4.35	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	5.66	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	5.44	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	1.99	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 728 MH	EPA 200.7
Arsenic	0.012	0.005		mg/L	09/19/2005 1304 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1304 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 728 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1304 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 728 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1304 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 728 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1304 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	09/21/2005 728 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1130 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1304 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 728 MH	EPA 200.7
Selenium	0.167	0.005		mg/L	09/19/2005 1304 MS	EPA 200.8
Uranium	0.719	0.0001		mg/L	09/19/2005 1304 MS	EPA 200.8
Vanadium	0.42	0.02		mg/L	09/19/2005 1304 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 728 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-003
Client Sample ID: 6T17-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	09/16/2005 1924 KA	EPA 150.1
Electrical Conductivity	613	5		µmhos/cm	09/16/2005 1924 KA	SM 2510B
Total Dissolved Solids (180)	400	10		mg/L	09/19/2005 1536 EB	SM 2540
Solids, Total Dissolved (Calc)	380	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	283	5		mg/L	09/16/2005 1924 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	67	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 031 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 748 RM	EPA 353.2
Radium 226	73.9 ± 4.5	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	5.2	0.1		mg/L	09/21/2005 743 MH	EPA 200.7
Sodium Adsorption Ratio	6.9	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	335	5		mg/L	09/16/2005 1924 KA	SM 2320B
Alkalinity, Carbonate as CO3	5	5		mg/L	09/16/2005 1924 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1924 KA	SM 2320B
Chloride	3	1		mg/L	09/16/2005 1544 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	09/21/2005 2031 RM	EPA 353.2
Sulfate	53	1		mg/L	09/16/2005 1544 LK	EPA 300.0
Cations						
Calcium	20	1		mg/L	09/21/2005 743 MH	EPA 200.7
Magnesium	4	1		mg/L	09/21/2005 743 MH	EPA 200.7
Potassium	4	1		mg/L	09/21/2005 743 MH	EPA 200.7
Sodium	130	1		mg/L	09/21/2005 743 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-003
Client Sample ID: 6T17-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.48	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	0.17	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.08	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	0.01	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	1.09	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	0.99	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.33	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.09	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	5.63	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	7.06	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	6.85	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	1.49	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 743 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1306 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1306 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/21/2005 743 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1306 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 743 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1306 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 743 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1306 MS	EPA 200.8
Manganese	0.08	0.02		mg/L	09/21/2005 743 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1131 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1306 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 743 MH	EPA 200.7
Selenium	0.082	0.005		mg/L	09/19/2005 1306 MS	EPA 200.8
Uranium	2.22	0.0001		mg/L	09/19/2005 1306 MS	EPA 200.8
Vanadium	0.10	0.02		mg/L	09/19/2005 1306 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 743 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-004
Client Sample ID: 6AN47-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.4	0.1		s.u.	09/16/2005 1935 KA	EPA 150.1
Electrical Conductivity	425	5		µmhos/cm	09/16/2005 1935 KA	SM 2510B
Total Dissolved Solids (180)	300	10		mg/L	09/19/2005 1541 EB	SM 2540
Solids, Total Dissolved (Calc)	270	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	26	5		mg/L	09/16/2005 1935 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	74	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 032 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 749 RM	EPA 353.2
Radium 226	46.7 ± 3.6	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	10.3	0.1		mg/L	09/21/2005 751 MH	EPA 200.7
Sodium Adsorption Ratio	3.0	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	32	5		mg/L	09/16/2005 1935 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 1935 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1935 KA	SM 2320B
Chloride	2	1		mg/L	09/26/2005 1851 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	09/21/2005 2039 RM	EPA 353.2
Sulfate	169	1		mg/L	09/26/2005 1851 LK	EPA 300.0
Cations						
Calcium	22	1		mg/L	09/23/2005 608 MH	EPA 200.7
Magnesium	5	1		mg/L	09/21/2005 751 MH	EPA 200.7
Potassium	1	1		mg/L	09/23/2005 608 MH	EPA 200.7
Sodium	60	1		mg/L	09/21/2005 751 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-004
Client Sample ID: 6AN47-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.52	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.04	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	3.52	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	1.07	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.38	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.03	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	2.43	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	4.11	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	4.10	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	0.14	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 751 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1309 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1309 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 751 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1309 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 751 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1309 MS	EPA 200.8
Iron	1.21	0.05		mg/L	09/21/2005 751 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1309 MS	EPA 200.8
Manganese	0.29	0.02		mg/L	09/21/2005 751 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1137 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1309 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 751 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/19/2005 1309 MS	EPA 200.8
Uranium	0.0088	0.0001		mg/L	09/19/2005 1309 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/19/2005 1309 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 751 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-005
Client Sample ID: 6AS47-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/16/2005 1947 KA	EPA 150.1
Electrical Conductivity	386	5		µmhos/cm	09/16/2005 1947 KA	SM 2510B
Total Dissolved Solids (180)	260	10		mg/L	09/19/2005 1546 EB	SM 2540
Solids, Total Dissolved (Calc)	230	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	93	5		mg/L	09/16/2005 1947 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	81	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 033 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 750 RM	EPA 353.2
Radium 226	52.4 ± 3.8	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	9.7	0.1		mg/L	09/21/2005 759 MH	EPA 200.7
Sodium Adsorption Ratio	2.4	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	113	5		mg/L	09/16/2005 1947 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 1947 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1947 KA	SM 2320B
Chloride	2	1		mg/L	09/16/2005 1603 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.22	0.05		mg/L	09/21/2005 2040 RM	EPA 353.2
Sulfate	88	1		mg/L	09/16/2005 1603 LK	EPA 300.0
Cations						
Calcium	25	1		mg/L	09/23/2005 612 MH	EPA 200.7
Magnesium	5	1		mg/L	09/23/2005 612 MH	EPA 200.7
Potassium	ND	1		mg/L	09/23/2005 612 MH	EPA 200.7
Sodium	50	1		mg/L	09/23/2005 612 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-005
Client Sample ID: 6AS47-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.85	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.05	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	1.83	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	1.22	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.38	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	2.18	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.82	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	3.76	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	0.83	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 759 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1312 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1312 MS	EPA 200.8
Boron	0.05	0.03		mg/L	09/21/2005 759 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1312 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 759 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1312 MS	EPA 200.8
Iron	0.55	0.05		mg/L	09/21/2005 759 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1312 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	09/21/2005 759 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1139 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1312 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 759 MH	EPA 200.7
Selenium	0.127	0.005		mg/L	09/19/2005 1312 MS	EPA 200.8
Uranium	0.104	0.0001		mg/L	09/19/2005 1312 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/19/2005 1312 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 759 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-006
Client Sample ID: 6AT51-4
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	09/16/2005 1958 KA	EPA 150.1
Electrical Conductivity	1460	5		µmhos/cm	09/16/2005 1958 KA	SM 2510B
Total Dissolved Solids (180)	1050	10		mg/L	09/19/2005 1551 EB	SM 2540
Solids, Total Dissolved (Calc)	970	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	252	5		mg/L	09/16/2005 1958 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	181	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 040 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 751 RM	EPA 353.2
Radium 226	124.3 ± 5.9	0.2		pCi/L	09/24/2005 1421 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	09/21/2005 803 MH	EPA 200.7
Sodium Adsorption Ratio	9.1	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	307	5		mg/L	09/16/2005 1958 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 1958 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 1958 KA	SM 2320B
Chloride	7	1		mg/L	09/16/2005 1612 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	09/21/2005 2041 RM	EPA 353.2
Sulfate	458	1		mg/L	09/16/2005 1612 LK	EPA 300.0
Cations						
Calcium	55	1		mg/L	09/21/2005 803 MH	EPA 200.7
Magnesium	11	1		mg/L	09/21/2005 803 MH	EPA 200.7
Potassium	7	1		mg/L	09/21/2005 803 MH	EPA 200.7
Sodium	282	1		mg/L	09/21/2005 803 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-006
Client Sample ID: 6AT51-4
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.03	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.20	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	9.54	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	2.72	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.88	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.16	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	12.25	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	16.03	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	14.79	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	4.01	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 803 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1315 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1315 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 803 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1315 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 803 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1315 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 803 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1315 MS	EPA 200.8
Manganese	0.02	0.02		mg/L	09/21/2005 803 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1141 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1315 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 803 MH	EPA 200.7
Selenium	0.091	0.005		mg/L	09/19/2005 1315 MS	EPA 200.8
Uranium	1.22	0.0001		mg/L	09/19/2005 1315 MS	EPA 200.8
Vanadium	0.22	0.02		mg/L	09/19/2005 1315 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 803 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-007
Client Sample ID: 6AQ52-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	09/16/2005 2011 KA	EPA 150.1
Electrical Conductivity	2150	5		µmhos/cm	09/16/2005 2011 KA	SM 2510B
Total Dissolved Solids (180)	1570	10		mg/L	09/20/2005 923 EB	SM 2540
Solids, Total Dissolved (Calc)	1500	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	581	5		mg/L	09/16/2005 2011 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	424	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 041 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 752 RM	EPA 353.2
Radium 226	209.7 ± 7.5	0.2		pCi/L	09/24/2005 1738 SH	SM 7500 RA B
Silica as SiO2	7.6	0.1		mg/L	09/21/2005 807 MH	EPA 200.7
Sodium Adsorption Ratio	8.6	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	708	5		mg/L	09/16/2005 2011 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 2011 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 2011 KA	SM 2320B
Chloride	26	1		mg/L	09/16/2005 1622 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	09/21/2005 2042 RM	EPA 353.2
Sulfate	558	1		mg/L	09/16/2005 1622 LK	EPA 300.0
Cations						
Calcium	126	1		mg/L	09/21/2005 807 MH	EPA 200.7
Magnesium	27	1		mg/L	09/21/2005 807 MH	EPA 200.7
Potassium	10	1		mg/L	09/21/2005 807 MH	EPA 200.7
Sodium	406	1		mg/L	09/21/2005 807 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-007
Client Sample ID: 6AQ52-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.61	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.74	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	11.62	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	6.26	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	2.20	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.26	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	17.66	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	26.40	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	23.98	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	4.79	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 807 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1318 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1318 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/21/2005 807 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1318 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 807 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1318 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 807 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1318 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	09/21/2005 807 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1146 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1318 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 807 MH	EPA 200.7
Selenium	0.020	0.005		mg/L	09/19/2005 1318 MS	EPA 200.8
Uranium	0.252	0.0001		mg/L	09/19/2005 1318 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/19/2005 1318 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 807 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-006
Client Sample ID: NPHW-3A
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/15/2005 1910 KA	EPA 150.1
Electrical Conductivity	1860	5		µmhos/cm	09/15/2005 1910 KA	SM 2510B
Total Dissolved Solids (180)	1340	10		mg/L	09/19/2005 1129 EB	SM 2540
Solids, Total Dissolved (Calc)	1280	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	584	5		mg/L	09/15/2005 1910 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	369	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 013 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1502 RM	EPA 353.2
Radium 226	788 ± 17	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	6.5	0.1		mg/L	09/16/2005 926 MH	EPA 200.7
Sodium Adsorption Ratio	7.5	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	712	5		mg/L	09/15/2005 1910 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1910 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1910 KA	SM 2320B
Chloride	30	1		mg/L	09/15/2005 2120 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1518 RM	EPA 353.2
Sulfate	433	1		mg/L	09/15/2005 2120 LK	EPA 300.0
Cations						
Calcium	98	1		mg/L	09/16/2005 926 MH	EPA 200.7
Magnesium	31	1		mg/L	09/16/2005 926 MH	EPA 200.7
Potassium	7	1		mg/L	09/16/2005 926 MH	EPA 200.7
Sodium	330	1		mg/L	09/16/2005 926 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-006
Client Sample ID: NPHW-3A
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.67	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.83	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	9.01	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	4.86	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	2.51	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.17	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	14.35	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	21.91	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	21.51	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	0.90	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 926 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1226 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1226 MS	EPA 200.8
Boron	0.10	0.03		mg/L	09/16/2005 926 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1226 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 926 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1226 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/16/2005 926 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1226 MS	EPA 200.8
Manganese	0.33	0.02		mg/L	09/16/2005 926 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1113 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1226 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 926 MH	EPA 200.7
Selenium	0.059	0.005		mg/L	09/16/2005 1226 MS	EPA 200.8
Uranium	3.82	0.0001		mg/L	09/16/2005 1226 MS	EPA 200.8
Vanadium	0.12	0.02		mg/L	09/16/2005 1226 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 926 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-007
Client Sample ID: 6X26-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	09/15/2005 1921 KA	EPA 150.1
Electrical Conductivity	888	5		µmhos/cm	09/15/2005 1921 KA	SM 2510B
Total Dissolved Solids (180)	600	10		mg/L	09/19/2005 1134 EB	SM 2540
Solids, Total Dissolved (Calc)	600	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	302	5		mg/L	09/15/2005 1921 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	133	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 014 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1503 RM	EPA 353.2
Radium 226	91.1 ± 5.7	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	7.8	0.1		mg/L	09/16/2005 930 MH	EPA 200.7
Sodium Adsorption Ratio	6.4	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	368	5		mg/L	09/15/2005 1921 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1921 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1921 KA	SM 2320B
Chloride	8	1		mg/L	09/22/2005 722 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1519 RM	EPA 353.2
Sulfate	189	1		mg/L	09/22/2005 722 LK	EPA 300.0
Cations						
Calcium	39	1		mg/L	09/20/2005 607 MH	EPA 200.7
Magnesium	9	1		mg/L	09/16/2005 930 MH	EPA 200.7
Potassium	3	1		mg/L	09/20/2005 607 MH	EPA 200.7
Sodium	170	1		mg/L	09/16/2005 930 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-007
Client Sample ID: 6X26-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.03	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.23	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	3.93	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.94	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.67	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.08	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	7.28	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	10.13	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	10.20	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	0.32	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 930 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1238 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1238 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/16/2005 930 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1238 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 930 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1238 MS	EPA 200.8
Iron	0.20	0.05		mg/L	09/16/2005 930 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1238 MS	EPA 200.8
Manganese	0.20	0.02		mg/L	09/16/2005 930 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1115 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1238 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 930 MH	EPA 200.7
Selenium	0.065	0.005		mg/L	09/16/2005 1238 MS	EPA 200.8
Uranium	0.502	0.0001		mg/L	09/16/2005 1238 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	09/16/2005 1238 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 930 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-008
Client Sample ID: 6AM36-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	09/15/2005 1935 KA	EPA 150.1
Electrical Conductivity	1950	5		µmhos/cm	09/15/2005 1935 KA	SM 2510B
Total Dissolved Solids (180)	1370	10		mg/L	09/19/2005 1144 EB	SM 2540
Solids, Total Dissolved (Calc)	1340	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	638	5		mg/L	09/15/2005 1935 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	380	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.4	0.1		mg/L	09/21/2005 015 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1504 RM	EPA 353.2
Radium 226	263.9 ± 9.7	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	8.3	0.1		mg/L	09/16/2005 934 MH	EPA 200.7
Sodium Adsorption Ratio	7.9	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	779	5		mg/L	09/15/2005 1935 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1935 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1935 KA	SM 2320B
Chloride	32	1		mg/L	09/15/2005 2149 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1520 RM	EPA 353.2
Sulfate	434	1		mg/L	09/15/2005 2149 LK	EPA 300.0
Cations						
Calcium	102	1		mg/L	09/16/2005 934 MH	EPA 200.7
Magnesium	30	1		mg/L	09/16/2005 934 MH	EPA 200.7
Potassium	7	1		mg/L	09/16/2005 934 MH	EPA 200.7
Sodium	355	1		mg/L	09/16/2005 934 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-008
Client Sample ID: 6AM36-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.77	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.90	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	9.02	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	5.10	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	2.49	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.17	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	15.43	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	23.20	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	22.70	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.08	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 934 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1246 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1246 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/16/2005 934 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1246 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 934 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1246 MS	EPA 200.8
Iron	0.11	0.05		mg/L	09/16/2005 934 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1246 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	09/16/2005 934 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1117 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1246 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 934 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1246 MS	EPA 200.8
Uranium	0.487	0.0001		mg/L	09/16/2005 1246 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1246 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 934 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-009
Client Sample ID: 6AF42-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/15/2005 2011 KA	EPA 150.1
Electrical Conductivity	492	5		µmhos/cm	09/15/2005 2011 KA	SM 2510B
Total Dissolved Solids (180)	310	10		mg/L	09/19/2005 1149 EB	SM 2540
Solids, Total Dissolved (Calc)	300	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	168	5		mg/L	09/15/2005 2011 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	45	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 016 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1505 RM	EPA 353.2
Radium 226	54.1 ± 4.5	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	6.1	0.1		mg/L	09/16/2005 938 MH	EPA 200.7
Sodium Adsorption Ratio	6.3	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	205	5		mg/L	09/15/2005 2011 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 2011 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 2011 KA	SM 2320B
Chloride	6	1		mg/L	09/15/2005 2204 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1521 RM	EPA 353.2
Sulfate	78	1		mg/L	09/15/2005 2204 LK	EPA 300.0
Cations						
Calcium	13	1		mg/L	09/20/2005 611 MH	EPA 200.7
Magnesium	3	1		mg/L	09/20/2005 611 MH	EPA 200.7
Potassium	2	1		mg/L	09/20/2005 611 MH	EPA 200.7
Sodium	97	1		mg/L	09/20/2005 611 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-009
Client Sample ID: 6AF42-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.36	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.16	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	1.61	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	0.63	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.25	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.05	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	4.20	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	5.14	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	5.14	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	0.01	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 938 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1249 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1249 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/16/2005 938 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1249 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 938 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1249 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/16/2005 938 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1249 MS	EPA 200.8
Manganese	0.03	0.02		mg/L	09/16/2005 938 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1119 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1249 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 938 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1249 MS	EPA 200.8
Uranium	0.282	0.0001		mg/L	09/16/2005 1249 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1249 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 938 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-010
Client Sample ID: 6W33-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.0	0.1		s.u.	09/15/2005 2023 KA	EPA 150.1
Electrical Conductivity	496	5		µmhos/cm	09/15/2005 2023 KA	SM 2510B
Total Dissolved Solids (180)	350	10		mg/L	09/19/2005 1154 EB	SM 2540
Solids, Total Dissolved (Calc)	330	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	15	5		mg/L	09/15/2005 2023 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	97	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 017 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1506 RM	EPA 353.2
Radium 226	131.5 ± 7.0	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	15.8	0.1		mg/L	09/16/2005 946 MH	EPA 200.7
Sodium Adsorption Ratio	3.0	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	18	5		mg/L	09/15/2005 2023 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 2023 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 2023 KA	SM 2320B
Chloride	1	1		mg/L	09/15/2005 2218 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1522 RM	EPA 353.2
Sulfate	213	1		mg/L	09/15/2005 2218 LK	EPA 300.0
Cations						
Calcium	28	1		mg/L	09/16/2005 946 MH	EPA 200.7
Magnesium	7	1		mg/L	09/16/2005 946 MH	EPA 200.7
Potassium	1	1		mg/L	09/16/2005 946 MH	EPA 200.7
Sodium	68	1		mg/L	09/16/2005 946 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-010
Client Sample ID: 6W33-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.29	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.03	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	4.43	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.40	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.54	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.03	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	2.97	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	4.95	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	4.76	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.92	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 946 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1252 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1252 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/16/2005 946 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1252 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 946 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1252 MS	EPA 200.8
Iron	1.73	0.05		mg/L	09/16/2005 946 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1252 MS	EPA 200.8
Manganese	0.39	0.02		mg/L	09/16/2005 946 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1124 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1252 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 946 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1252 MS	EPA 200.8
Uranium	0.0015	0.0001		mg/L	09/16/2005 1252 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1252 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 946 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-011
Client Sample ID: 6AG48-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	09/15/2005 2034 KA	EPA 150.1
Electrical Conductivity	377	5		µmhos/cm	09/15/2005 2034 KA	SM 2510B
Total Dissolved Solids (180)	260	10		mg/L	09/19/2005 1159 EB	SM 2540
Solids, Total Dissolved (Calc)	230	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	23	5		mg/L	09/15/2005 2034 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	102	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 024 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1507 RM	EPA 353.2
Radium 226	35.0 ± 3.6	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	9.9	0.1		mg/L	09/16/2005 949 MH	EPA 200.7
Sodium Adsorption Ratio	1.5	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	28	5		mg/L	09/15/2005 2034 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 2034 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 2034 KA	SM 2320B
Chloride	3	1		mg/L	09/15/2005 2316 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1523 RM	EPA 353.2
Sulfate	142	1		mg/L	09/15/2005 2316 LK	EPA 300.0
Cations						
Calcium	34	1		mg/L	09/16/2005 949 MH	EPA 200.7
Magnesium	4	1		mg/L	09/20/2005 615 MH	EPA 200.7
Potassium	ND	1		mg/L	09/20/2005 615 MH	EPA 200.7
Sodium	35	1		mg/L	09/20/2005 615 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-011
Client Sample ID: 6AG48-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.46	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.08	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	2.96	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.69	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.34	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	1.53	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.59	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	3.51	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.21	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 949 MH	EPA 200.7
Arsenic	0.009	0.005		mg/L	09/16/2005 1255 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1255 MS	EPA 200.8
Boron	0.06	0.03		mg/L	09/16/2005 949 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1255 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 949 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1255 MS	EPA 200.8
Iron	0.24	0.05		mg/L	09/16/2005 949 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1255 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	09/16/2005 949 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1126 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1255 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 949 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1255 MS	EPA 200.8
Uranium	0.0117	0.0001		mg/L	09/16/2005 1255 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1255 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 949 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *04-Oct-05*

CLIENT:	Cogema Mining Inc.	**CASE NARRATIVE**
Project:	Cogema Christensen Mine	**Report ID:** S0509197001
Lab Order:	S0509197	

Samples 6AE44-1, 6AN47-1, 6AQ46-1, 6AQ52-1, 6AQ56-1, 6AS47-1, 6AT51-4, 6P30-2, 6T17-1, and 6U20-2 were received on September 15, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by J. Richards Date 9/14/05 Received by Kelli Bjorm Date 9-14-05

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit Cp Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain Round 2)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom nicholson~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Comments
1	6A033-2	9/13/05	Half Gal.	X		X		50509177-001
			Quart	X				
			8 ozs.		X			
			8 ozs.	X			X	
2	6A042-1		**	**	**	**	**	50509177-002
3	NPHW-15		**	**	**	**	**	-003
4	6AH40-2		**	**	**	**	**	-004
5	6AJ37-1		**	**	**	**	**	-005
6	NPNW-3A		**	**	**	**	**	-006
7	6X26-1		**	**	**	**	**	-007
8	6AM36-1		**	**	**	**	**	-008
9	6AF42-1		**	**	**	**	**	-009
10	6W33-1		**	**	**	**	**	-010
11	6AG48-1		**	**	**	**	**	-011
12			**	**	**	**	**	
13			**	**	**	**	**	
14			**	**	**	**	**	
15			**	**	**	**	**	

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-008
Client Sample ID: 6AQ46-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/16/2005 2025 KA	EPA 150.1
Electrical Conductivity	1810	5		µmhos/cm	09/16/2005 2025 KA	SM 2510B
Total Dissolved Solids (180)	1300	10		mg/L	09/20/2005 928 EB	SM 2540
Solids, Total Dissolved (Calc)	1250	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	568	5		mg/L	09/16/2005 2025 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	376	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.4	0.1		mg/L	09/21/2005 042 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 753 RM	EPA 353.2
Radium 226	144.5 ± 6.3	0.2		pCi/L	09/24/2005 1738 SH	SM 7500 RA B
Silica as SiO2	7.2	0.1		mg/L	09/21/2005 811 MH	EPA 200.7
Sodium Adsorption Ratio	7.5	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	693	5		mg/L	09/16/2005 2025 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 2025 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 2025 KA	SM 2320B
Chloride	15	1		mg/L	09/16/2005 1642 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/21/2005 2043 RM	EPA 353.2
Sulfate	413	1		mg/L	09/16/2005 1642 LK	EPA 300.0
Cations						
Calcium	110	1		mg/L	09/21/2005 811 MH	EPA 200.7
Magnesium	25	1		mg/L	09/21/2005 811 MH	EPA 200.7
Potassium	9	1		mg/L	09/21/2005 811 MH	EPA 200.7
Sodium	333	1		mg/L	09/21/2005 811 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-008
Client Sample ID: 6AQ46-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.36	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.42	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	8.59	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	5.49	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	2.02	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.22	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	14.49	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	22.24	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	20.38	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	4.36	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 811 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1321 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1321 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 811 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1321 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 811 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1321 MS	EPA 200.8
Iron	0.06	0.05		mg/L	09/21/2005 811 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1321 MS	EPA 200.8
Manganese	0.26	0.02		mg/L	09/21/2005 811 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1148 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1321 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 811 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/19/2005 1321 MS	EPA 200.8
Uranium	1.44	0.0001		mg/L	09/19/2005 1321 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/19/2005 1321 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 811 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-009
Client Sample ID: 6AQ56-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/16/2005 2052 KA	EPA 150.1
Electrical Conductivity	2070	5		µmhos/cm	09/16/2005 2052 KA	SM 2510B
Total Dissolved Solids (180)	1500	10		mg/L	09/20/2005 933 EB	SM 2540
Solids, Total Dissolved (Calc)	1490	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	663	5		mg/L	09/16/2005 2052 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	395	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 043 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 754 RM	EPA 353.2
Radium 226	155.4 ± 6.5	0.2		pCi/L	09/24/2005 1738 SH	SM 7500 RA B
Silica as SiO2	7.3	0.1		mg/L	09/21/2005 815 MH	EPA 200.7
Sodium Adsorption Ratio	8.9	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	809	5		mg/L	09/16/2005 2052 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 2052 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 2052 KA	SM 2320B
Chloride	24	1		mg/L	09/26/2005 1902 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	09/21/2005 2044 RM	EPA 353.2
Sulfate	510	1		mg/L	09/26/2005 1902 LK	EPA 300.0
Cations						
Calcium	114	1		mg/L	09/21/2005 815 MH	EPA 200.7
Magnesium	27	1		mg/L	09/21/2005 815 MH	EPA 200.7
Potassium	10	1		mg/L	09/21/2005 815 MH	EPA 200.7
Sodium	406	1		mg/L	09/21/2005 815 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-009
Client Sample ID: 6AQ56-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	13.26	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.66	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	10.61	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	10.80	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	4.35	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.45	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	33.16	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	25.79	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	24.55	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	2.46	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 815 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/19/2005 1324 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1324 MS	EPA 200.8
Boron	0.09	0.03		mg/L	09/21/2005 815 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1324 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 815 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1324 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/21/2005 815 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1324 MS	EPA 200.8
Manganese	0.24	0.02		mg/L	09/21/2005 815 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1150 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1324 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 815 MH	EPA 200.7
Selenium	0.036	0.005		mg/L	09/19/2005 1324 MS	EPA 200.8
Uranium	0.303	0.0001		mg/L	09/19/2005 1324 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	09/19/2005 1324 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 815 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-010
Client Sample ID: 6AE44-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	09/16/2005 2104 KA	EPA 150.1
Electrical Conductivity	562	5		µmhos/cm	09/16/2005 2104 KA	SM 2510B
Total Dissolved Solids (180)	390	10		mg/L	09/20/2005 938 EB	SM 2540
Solids, Total Dissolved (Calc)	390	10		mg/L	09/27/2005 1018 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/27/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	91	5		mg/L	09/16/2005 2104 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	158	1		mg/L	09/27/2005 1018 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 044 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/17/2005 755 RM	EPA 353.2
Radium 226	687 ± 14	0.2		pCi/L	10/03/2005 1220 SH	SM 7500 RA B
Silica as SiO2	10.6	0.1		mg/L	09/21/2005 818 MH	EPA 200.7
Sodium Adsorption Ratio	2.3	0.1			09/27/2005 1018 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	110	5		mg/L	09/16/2005 2104 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/16/2005 2104 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/16/2005 2104 KA	SM 2320B
Chloride	4	1		mg/L	09/16/2005 1739 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/16/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.12	0.05		mg/L	09/21/2005 2045 RM	EPA 353.2
Sulfate	204	1		mg/L	09/26/2005 1912 LK	EPA 300.0
Cations						
Calcium	52	1		mg/L	09/21/2005 818 MH	EPA 200.7
Magnesium	7	1		mg/L	09/21/2005 818 MH	EPA 200.7
Potassium	1	1		mg/L	09/23/2005 620 MH	EPA 200.7
Sodium	67	1		mg/L	09/21/2005 818 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509197001

Project: Cogema Christensen Mine
Lab ID: S0509197-010
Client Sample ID: 6AE44-1
Matrix: Water

Work Order: S0509197
Collection Date: 9/14/2005
Date Received: 9/15/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.81	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Chloride	0.10	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sulfate	4.23	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Calcium	2.47	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Magnesium	0.55	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Potassium	0.03	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Sodium	2.69	0.01		meq/L	09/27/2005 1018 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	6.09	0		meq/L	09/27/2005 1018 KA	SM 1030F
Anion Sum	6.16	0		meq/L	09/27/2005 1018 KA	SM 1030F
Cation-Anion Balance	0.50	0		%	09/27/2005 1018 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/21/2005 818 MH	EPA 200.7
Arsenic	0.022	0.005		mg/L	09/19/2005 1401 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/19/2005 1401 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/21/2005 818 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/19/2005 1401 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/21/2005 818 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/19/2005 1401 MS	EPA 200.8
Iron	1.30	0.05		mg/L	09/21/2005 818 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/19/2005 1401 MS	EPA 200.8
Manganese	0.91	0.02		mg/L	09/21/2005 818 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1152 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/19/2005 1401 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/21/2005 818 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/19/2005 1401 MS	EPA 200.8
Uranium	0.0925	0.0001		mg/L	09/19/2005 1401 MS	EPA 200.8
Vanadium	0.12	0.02		mg/L	09/19/2005 1401 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/21/2005 818 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *04-Oct-05*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0509177

CASE NARRATIVE

Report ID: S0509177001

Samples 6A033-2, 6A042-1, 6AF42-1, 6AG48-1, 6AH40-2, 6AJ37-1, 6AM36-1, 6W33-1, 6X26-1, NPHW-15, and NPHW-3A were received on September 14, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-001
Client Sample ID: 6A033-2
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	09/15/2005 1809 KA	EPA 150.1
Electrical Conductivity	1300	5		µmhos/cm	09/15/2005 1809 KA	SM 2510B
Total Dissolved Solids (180)	930	10		mg/L	09/19/2005 1104 EB	SM 2540
Solids, Total Dissolved (Calc)	940	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	129	5		mg/L	09/15/2005 1809 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	139	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 008 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1457 RM	EPA 353.2
Radium 226	138.3 ± 7.0	0.2		pCi/L	09/27/2005 1230 SH	SM 7500 RA B
Silica as SiO2	6.0	0.1		mg/L	09/16/2005 847 MH	EPA 200.7
Sodium Adsorption Ratio	9.6	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	158	5		mg/L	09/15/2005 1809 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1809 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1809 KA	SM 2320B
Chloride	5	1		mg/L	09/15/2005 1953 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1506 RM	EPA 353.2
Sulfate	543	1		mg/L	09/15/2005 1953 LK	EPA 300.0
Cations						
Calcium	40	1		mg/L	09/16/2005 847 MH	EPA 200.7
Magnesium	9	1		mg/L	09/16/2005 847 MH	EPA 200.7
Potassium	5	1		mg/L	09/16/2005 847 MH	EPA 200.7
Sodium	259	1		mg/L	09/16/2005 847 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-001
Client Sample ID: 6A033-2
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.58	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.13	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	11.31	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.99	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.77	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.13	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	11.28	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	14.19	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	14.03	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	0.54	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 847 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1212 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1212 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/16/2005 847 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1212 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 847 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1212 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/16/2005 847 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1212 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	09/16/2005 847 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1053 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1212 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 847 MH	EPA 200.7
Selenium	0.080	0.005		mg/L	09/16/2005 1212 MS	EPA 200.8
Uranium	0.537	0.0001		mg/L	09/16/2005 1212 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	09/16/2005 1212 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 847 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-002
Client Sample ID: 6A042-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.4	0.1		s.u.	09/15/2005 1820 KA	EPA 150.1
Electrical Conductivity	410	5		µmhos/cm	09/15/2005 1820 KA	SM 2510B
Total Dissolved Solids (180)	290	10		mg/L	09/19/2005 1109 EB	SM 2540
Solids, Total Dissolved (Calc)	260	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	25	5		mg/L	09/15/2005 1820 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	90	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	09/21/2005 009 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1458 RM	EPA 353.2
Radium 226	41.0 ± 3.9	0.2		pCi/L	09/27/2005 1230 SH	SM 7500 RA B
Silica as SiO2	11.6	0.1		mg/L	09/16/2005 851 MH	EPA 200.7
Sodium Adsorption Ratio	2.3	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	30	5		mg/L	09/15/2005 1820 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1820 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1820 KA	SM 2320B
Chloride	2	1		mg/L	09/15/2005 2008 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1507 RM	EPA 353.2
Sulfate	161	1		mg/L	09/15/2005 2008 LK	EPA 300.0
Cations						
Calcium	25	1		mg/L	09/16/2005 851 MH	EPA 200.7
Magnesium	6	1		mg/L	09/16/2005 851 MH	EPA 200.7
Potassium	1	1		mg/L	09/16/2005 851 MH	EPA 200.7
Sodium	50	1		mg/L	09/16/2005 851 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-002
Client Sample ID: 6A042-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.49	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.04	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	3.35	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.26	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.52	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.03	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	2.18	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	4.00	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	3.90	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.32	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 851 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1215 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1215 MS	EPA 200.8
Boron	0.07	0.03		mg/L	09/16/2005 851 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1215 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 851 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1215 MS	EPA 200.8
Iron	1.11	0.05		mg/L	09/16/2005 851 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1215 MS	EPA 200.8
Manganese	0.28	0.02		mg/L	09/16/2005 851 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1054 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1215 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 851 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1215 MS	EPA 200.8
Uranium	0.0134	0.0001		mg/L	09/16/2005 1215 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1215 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 851 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-003
Client Sample ID: NPHW-15
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	09/15/2005 1833 KA	EPA 150.1
Electrical Conductivity	1670	5		µmhos/cm	09/15/2005 1833 KA	SM 2510B
Total Dissolved Solids (180)	1200	10		mg/L	09/19/2005 1114 EB	SM 2540
Solids, Total Dissolved (Calc)	1150	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	563	5		mg/L	09/15/2005 1833 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	288	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 010 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1459 RM	EPA 353.2
Radium 226	111.1 ± 6.4	0.2		pCi/L	09/27/2005 1230 SH	SM 7500 RA B
Silica as SiO2	11.3	0.1		mg/L	09/16/2005 859 MH	EPA 200.7
Sodium Adsorption Ratio	8.3	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	688	5		mg/L	09/15/2005 1833 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1833 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1833 KA	SM 2320B
Chloride	25	1		mg/L	09/15/2005 2022 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1508 RM	EPA 353.2
Sulfate	350	1		mg/L	09/15/2005 2022 LK	EPA 300.0
Cations						
Calcium	84	1		mg/L	09/16/2005 859 MH	EPA 200.7
Magnesium	19	1		mg/L	09/16/2005 859 MH	EPA 200.7
Potassium	6	1		mg/L	09/16/2005 859 MH	EPA 200.7
Sodium	323	1		mg/L	09/16/2005 859 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-003
Client Sample ID: NPHW-15
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.27	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.70	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	7.29	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	4.18	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	1.57	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.15	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	14.02	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	19.94	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	19.26	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.73	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 859 MH	EPA 200.7
Arsenic	0.035	0.005		mg/L	09/16/2005 1218 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1218 MS	EPA 200.8
Boron	0.11	0.03		mg/L	09/16/2005 859 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1218 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 859 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1218 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/16/2005 859 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1218 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	09/16/2005 859 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1056 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1218 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 859 MH	EPA 200.7
Selenium	2.11	0.005		mg/L	09/16/2005 1218 MS	EPA 200.8
Uranium	6.79	0.0001		mg/L	09/16/2005 1218 MS	EPA 200.8
Vanadium	0.49	0.02		mg/L	09/16/2005 1218 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 859 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-004
Client Sample ID: 6AH40-2
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	09/15/2005 1845 KA	EPA 150.1
Electrical Conductivity	806	5		µmhos/cm	09/15/2005 1845 KA	SM 2510B
Total Dissolved Solids (180)	540	10		mg/L	09/19/2005 1119 EB	SM 2540
Solids, Total Dissolved (Calc)	500	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	329	5		mg/L	09/15/2005 1845 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	87	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 011 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1500 RM	EPA 353.2
Radium 226	83.9 ± 5.6	0.2		pCi/L	09/27/2005 1230 SH	SM 7500 RA B
Silica as SiO2	5.3	0.1		mg/L	09/16/2005 915 MH	EPA 200.7
Sodium Adsorption Ratio	7.7	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	400	5		mg/L	09/15/2005 1845 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1845 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1845 KA	SM 2320B
Chloride	7	1		mg/L	09/15/2005 2051 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1509 RM	EPA 353.2
Sulfate	97	1		mg/L	09/15/2005 2051 LK	EPA 300.0
Cations						
Calcium	25	1		mg/L	09/16/2005 915 MH	EPA 200.7
Magnesium	6	1		mg/L	09/20/2005 559 MH	EPA 200.7
Potassium	3	1		mg/L	09/20/2005 559 MH	EPA 200.7
Sodium	166	1		mg/L	09/20/2005 559 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-004
Client Sample ID: 6AH40-2
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.55	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.19	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	2.01	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	1.26	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.48	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.08	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	7.23	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	9.06	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	8.78	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.57	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 915 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1221 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1221 MS	EPA 200.8
Boron	0.10	0.03		mg/L	09/16/2005 915 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1221 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 915 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1221 MS	EPA 200.8
Iron	ND	0.05		mg/L	09/16/2005 915 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1221 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	09/16/2005 915 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1106 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1221 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 915 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1221 MS	EPA 200.8
Uranium	0.472	0.0001		mg/L	09/16/2005 1221 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1221 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 915 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-005
Client Sample ID: 6AJ37-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.2	0.1		s.u.	09/15/2005 1857 KA	EPA 150.1
Electrical Conductivity	360	5		µmhos/cm	09/15/2005 1857 KA	SM 2510B
Total Dissolved Solids (180)	270	10		mg/L	09/19/2005 1124 EB	SM 2540
Solids, Total Dissolved (Calc)	210	10		mg/L	09/23/2005 1058 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	09/23/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	58	5		mg/L	09/15/2005 1857 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	50	1		mg/L	09/23/2005 1058 KA	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	09/21/2005 012 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	09/15/2005 1501 RM	EPA 353.2
Radium 226	64.9 ± 4.8	0.2		pCi/L	09/27/2005 1606 SH	SM 7500 RA B
Silica as SiO2	21.4	0.1		mg/L	09/16/2005 922 MH	EPA 200.7
Sodium Adsorption Ratio	3.4	0.1			09/23/2005 1058 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	71	5		mg/L	09/15/2005 1857 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	09/15/2005 1857 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	09/15/2005 1857 KA	SM 2320B
Chloride	4	1		mg/L	09/15/2005 2106 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	09/15/2005 000 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	09/19/2005 1517 RM	EPA 353.2
Sulfate	97	1		mg/L	09/15/2005 2106 LK	EPA 300.0
Cations						
Calcium	15	1		mg/L	09/16/2005 922 MH	EPA 200.7
Magnesium	3	1		mg/L	09/20/2005 603 MH	EPA 200.7
Potassium	ND	1		mg/L	09/20/2005 603 MH	EPA 200.7
Sodium	55	1		mg/L	09/20/2005 603 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 10/4/2005
Report ID: S0509177001

Project: Cogema Christensen Mine
Lab ID: S0509177-005
Client Sample ID: 6AJ37-1
Matrix: Water

Work Order: S0509177
Collection Date: 9/13/2005
Date Received: 9/14/2005 5:00:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.15	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Chloride	0.12	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Fluoride	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sulfate	2.01	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Calcium	0.74	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Magnesium	0.25	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Potassium	0.02	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Sodium	2.39	0.01		meq/L	09/23/2005 1058 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	3.41	0		meq/L	09/23/2005 1058 KA	SM 1030F
Anion Sum	3.29	0		meq/L	09/23/2005 1058 KA	SM 1030F
Cation-Anion Balance	1.87	0		%	09/23/2005 1058 KA	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	09/16/2005 922 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	09/16/2005 1223 MS	EPA 200.8
Barium	ND	0.5		mg/L	09/16/2005 1223 MS	EPA 200.8
Boron	0.08	0.03		mg/L	09/16/2005 922 MH	EPA 200.7
Cadmium	ND	0.002		mg/L	09/16/2005 1223 MS	EPA 200.8
Chromium	ND	0.01		mg/L	09/16/2005 922 MH	EPA 200.7
Copper	ND	0.01		mg/L	09/16/2005 1223 MS	EPA 200.8
Iron	1.12	0.05		mg/L	09/16/2005 922 MH	EPA 200.7
Lead	ND	0.02		mg/L	09/16/2005 1223 MS	EPA 200.8
Manganese	0.09	0.02		mg/L	09/16/2005 922 MH	EPA 200.7
Mercury	ND	0.001		mg/L	09/20/2005 1111 TC	EPA 245.1
Molybdenum	ND	0.02		mg/L	09/16/2005 1223 MS	EPA 200.8
Nickel	ND	0.01		mg/L	09/16/2005 922 MH	EPA 200.7
Selenium	ND	0.005		mg/L	09/16/2005 1223 MS	EPA 200.8
Uranium	0.0159	0.0001		mg/L	09/16/2005 1223 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	09/16/2005 1223 MS	EPA 200.8
Zinc	ND	0.01		mg/L	09/16/2005 922 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *25-Jan-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0512293

CASE NARRATIVE

Report ID: S0512293001

Samples 6AD61-1, 6AG64-2, 6AG68-1, 6AH40-2, 6AI63-3, 6AL54-2, 6AP64-2, 6AT58-1, 7AS65-1, and NPHW-7 were received on December 28, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by [signature] Date 12-28-05 Received by Benjamin Walk Date 12/28/05 1635

Restoration Sample Description
Location: ___ Irigaray _X_ Christensen Mine or Production Unit _6_ Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
_X_ Stabilization (explain JEF 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~[illegible]~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AG68-1	12-28-05	Half Gal.	X		X		50512293-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6AG64-2		**	**	**	**	**		002
3	7AS65-1		**	**	**	**	**		003
4	6AD61-1		**	**	**	**	**		004
5	6AG54-2		**	**	**	**	**		005
6	6AT58-1		**	**	**	**	**		006
7	6AI63-2		**	**	**	**	**		007
8	NPHW-7		**	**	**	**	**		008
9	6AP64-2		**	**	**	**	**		009
10	6AH40-2		**	**	**	**	**		010
11			**	**	**	**	**		
12			**	**	**	**	**		
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1 L:\LARRY\[pvdsub.xls]pvdsub

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-001
Client Sample ID: 6AG68-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/29/2005 1807 MD	EPA 150.1
Electrical Conductivity	406	5		µmhos/cm	12/29/2005 1807 MD	SM 2510B
Total Dissolved Solids (180)	300	10		mg/L	12/30/2005 1002 EB	SM 2540
Solids, Total Dissolved (Calc)	240	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	57	5		mg/L	12/29/2005 1807 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	91	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1241 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1423 RM	EPA 353.2
Radium 226	77.1 ± 4.5	0.2		pCi/L	01/12/2006 1248 SH	SM 7500 RA B
Silica as SiO2	25.9	0.1		mg/L	01/09/2006 1548 TC	EPA 200.7
Sodium Adsorption Ratio	2.1	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	69	5		mg/L	12/29/2005 1807 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/29/2005 1807 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/29/2005 1807 MD	SM 2320B
Chloride	1	1		mg/L	12/30/2005 740 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/29/2005 1807 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1354 RM	EPA 353.2
Sulfate	125	1		mg/L	12/30/2005 740 LK	EPA 300.0
Cations						
Calcium	28	1		mg/L	01/09/2006 1548 TC	EPA 200.7
Magnesium	5	1		mg/L	01/09/2006 1548 TC	EPA 200.7
Potassium	1	1		mg/L	01/09/2006 1548 TC	EPA 200.7
Sodium	47	1		mg/L	01/09/2006 1548 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-001
Client Sample ID: 6AG68-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.13	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.04	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	2.59	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	1.40	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.41	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.03	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	2.03	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	3.89	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	3.77	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	1.47	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1249 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1425 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1425 MS	EPA 200.8
Boron	0.27	0.03		mg/L	01/11/2006 1249 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1425 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1249 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1425 MS	EPA 200.8
Iron	1.48	0.05		mg/L	01/11/2006 1249 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1425 MS	EPA 200.8
Manganese	0.15	0.02		mg/L	01/11/2006 1249 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1049 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1425 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1249 TC	EPA 200.7
Selenium	0.007	0.005		mg/L	12/29/2005 1425 MS	EPA 200.8
Uranium	0.0053	0.0001		mg/L	12/29/2005 1425 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1425 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1249 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-002
Client Sample ID: 6AG64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/30/2005 1230 MD	EPA 150.1
Electrical Conductivity	620	5		µmhos/cm	12/30/2005 1230 MD	SM 2510B
Total Dissolved Solids (180)	460	10		mg/L	12/30/2005 1012 EB	SM 2540
Solids, Total Dissolved (Calc)	420	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	69	5		mg/L	12/30/2005 1230 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	210	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1242 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1424 RM	EPA 353.2
Radium 226	194.4 ± 7.4	0.2		pCi/L	01/12/2006 1248 SH	SM 7500 RA B
Silica as SiO2	9.0	0.1		mg/L	01/09/2006 1552 TC	EPA 200.7
Sodium Adsorption Ratio	1.5	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	84	5		mg/L	12/30/2005 1230 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1230 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1230 MD	SM 2320B
Chloride	1	1		mg/L	12/30/2005 750 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1230 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1355 RM	EPA 353.2
Sulfate	246	1		mg/L	12/30/2005 750 LK	EPA 300.0
Cations						
Calcium	72	1		mg/L	01/09/2006 1552 TC	EPA 200.7
Magnesium	7	1		mg/L	01/09/2006 1552 TC	EPA 200.7
Potassium	1	1		mg/L	01/09/2006 1552 TC	EPA 200.7
Sodium	50	1		mg/L	01/09/2006 1552 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-002
Client Sample ID: 6AG64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.38	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.04	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	5.12	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	3.61	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.58	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.02	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	2.15	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	6.37	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	6.55	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	1.33	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1253 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1434 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1434 MS	EPA 200.8
Boron	0.06	0.03		mg/L	01/11/2006 1253 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1434 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1253 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1434 MS	EPA 200.8
Iron	0.53	0.05		mg/L	01/11/2006 1253 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1434 MS	EPA 200.8
Manganese	0.34	0.02		mg/L	01/11/2006 1253 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1051 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1434 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1253 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/29/2005 1434 MS	EPA 200.8
Uranium	0.0858	0.0001		mg/L	12/29/2005 1434 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1434 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1253 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-003
Client Sample ID: 7AS65-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/30/2005 1302 MD	EPA 150.1
Electrical Conductivity	1360	5		µmhos/cm	12/30/2005 1302 MD	SM 2510B
Total Dissolved Solids (180)	970	10		mg/L	12/30/2005 1022 EB	SM 2540
Solids, Total Dissolved (Calc)	920	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	168	5		mg/L	12/30/2005 1302 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	198	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1243 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1425 RM	EPA 353.2
Radium 226	99.2 ± 6.0	0.2		pCi/L	01/12/2006 1248 SH	SM 7500 RA B
Silica as SiO2	5.0	0.1		mg/L	01/09/2006 1556 TC	EPA 200.7
Sodium Adsorption Ratio	7.7	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	205	5		mg/L	12/30/2005 1302 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1302 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1302 MD	SM 2320B
Chloride	4	1		mg/L	12/30/2005 800 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1302 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1356 RM	EPA 353.2
Sulfate	493	1		mg/L	12/30/2005 800 LK	EPA 300.0
Cations						
Calcium	58	1		mg/L	01/09/2006 1556 TC	EPA 200.7
Magnesium	13	1		mg/L	01/09/2006 1556 TC	EPA 200.7
Potassium	6	1		mg/L	01/09/2006 1556 TC	EPA 200.7
Sodium	248	1		mg/L	01/09/2006 1556 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-003
Client Sample ID: 7AS65-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.35	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.12	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	10.25	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	2.90	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	1.05	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.15	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	10.77	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	14.89	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	13.74	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	4.02	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1257 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1437 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1437 MS	EPA 200.8
Boron	0.05	0.03		mg/L	01/11/2006 1257 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1437 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1257 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1437 MS	EPA 200.8
Iron	0.10	0.05		mg/L	01/11/2006 1257 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1437 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	01/11/2006 1257 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1054 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1437 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1257 TC	EPA 200.7
Selenium	0.089	0.005		mg/L	12/29/2005 1437 MS	EPA 200.8
Uranium	1.44	0.0001		mg/L	12/29/2005 1437 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/29/2005 1437 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1257 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-004
Client Sample ID: 6AD61-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	12/30/2005 1314 MD	EPA 150.1
Electrical Conductivity	1320	5		µmhos/cm	12/30/2005 1314 MD	SM 2510B
Total Dissolved Solids (180)	960	10		mg/L	12/30/2005 1032 EB	SM 2540
Solids, Total Dissolved (Calc)	880	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	226	5		mg/L	12/30/2005 1314 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	267	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1244 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1426 RM	EPA 353.2
Radium 226	146.2 ± 6.7	0.2		pCi/L	01/12/2006 1555 SH	SM 7500 RA B
Silica as SiO2	21.0	0.1		mg/L	01/09/2006 1604 TC	EPA 200.7
Sodium Adsorption Ratio	5.6	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	275	5		mg/L	12/30/2005 1314 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1314 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1314 MD	SM 2320B
Chloride	14	1		mg/L	12/30/2005 809 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1314 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1357 RM	EPA 353.2
Sulfate	419	1		mg/L	12/30/2005 809 LK	EPA 300.0
Cations						
Calcium	74	1		mg/L	01/09/2006 1604 TC	EPA 200.7
Magnesium	20	1		mg/L	01/09/2006 1604 TC	EPA 200.7
Potassium	3	1		mg/L	01/09/2006 1604 TC	EPA 200.7
Sodium	212	1		mg/L	01/09/2006 1604 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-004
Client Sample ID: 6AD61-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.51	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.39	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	8.73	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	3.69	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	1.64	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.06	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	9.21	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	14.62	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	13.63	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	3.47	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1301 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1440 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1440 MS	EPA 200.8
Boron	0.08	0.03		mg/L	01/11/2006 1301 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1440 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1301 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1440 MS	EPA 200.8
Iron	2.01	0.05		mg/L	01/11/2006 1301 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1440 MS	EPA 200.8
Manganese	0.69	0.02		mg/L	01/11/2006 1301 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1057 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1440 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1301 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/29/2005 1440 MS	EPA 200.8
Uranium	0.0973	0.0001		mg/L	12/29/2005 1440 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1440 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1301 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-005
Client Sample ID: 6AL54-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/30/2005 1325 MD	EPA 150.1
Electrical Conductivity	473	5		µmhos/cm	12/30/2005 1325 MD	SM 2510B
Total Dissolved Solids (180)	310	10		mg/L	12/30/2005 1042 EB	SM 2540
Solids, Total Dissolved (Calc)	300	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	103	5		mg/L	12/30/2005 1325 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	74	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1245 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1427 RM	EPA 353.2
Radium 226	72.1 ± 4.4	0.2		pCi/L	01/12/2006 1555 SH	SM 7500 RA B
Silica as SiO2	14.2	0.1		mg/L	01/09/2006 1623 TC	EPA 200.7
Sodium Adsorption Ratio	3.8	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	126	5		mg/L	12/30/2005 1325 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1325 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1325 MD	SM 2320B
Chloride	4	1		mg/L	01/10/2006 1132 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1325 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1358 RM	EPA 353.2
Sulfate	133	1		mg/L	01/10/2006 1132 LK	EPA 300.0
Cations						
Calcium	23	1		mg/L	01/09/2006 1623 TC	EPA 200.7
Magnesium	4	1		mg/L	01/09/2006 1623 TC	EPA 200.7
Potassium	1	1		mg/L	01/09/2006 1623 TC	EPA 200.7
Sodium	75	1		mg/L	01/09/2006 1623 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-005
Client Sample ID: 6AL54-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.06	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.11	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	2.77	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	1.14	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.34	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.03	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	3.26	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	4.78	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	4.96	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	1.79	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1305 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1443 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1443 MS	EPA 200.8
Boron	0.06	0.03		mg/L	01/11/2006 1305 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1443 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1305 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1443 MS	EPA 200.8
Iron	0.39	0.05		mg/L	01/11/2006 1305 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1443 MS	EPA 200.8
Manganese	0.18	0.02		mg/L	01/11/2006 1305 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1059 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1443 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1305 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/29/2005 1443 MS	EPA 200.8
Uranium	0.0535	0.0001		mg/L	12/29/2005 1443 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1443 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1305 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-006
Client Sample ID: 6AT58-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/30/2005 1334 MD	EPA 150.1
Electrical Conductivity	1330	5		µmhos/cm	12/30/2005 1334 MD	SM 2510B
Total Dissolved Solids (180)	920	10		mg/L	12/30/2005 1052 EB	SM 2540
Solids, Total Dissolved (Calc)	860	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	82	5		mg/L	12/30/2005 1334 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	123	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1252 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1428 RM	EPA 353.2
Radium 226	25.6 ± 2.7	0.2		pCi/L	01/12/2006 1555 SH	SM 7500 RA B
Silica as SiO2	6.8	0.1		mg/L	01/09/2006 1627 TC	EPA 200.7
Sodium Adsorption Ratio	9.9	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	100	5		mg/L	12/30/2005 1334 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1334 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1334 MD	SM 2320B
Chloride	3	1		mg/L	12/30/2005 829 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/30/2005 1334 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1359 RM	EPA 353.2
Sulfate	507	1		mg/L	12/30/2005 829 LK	EPA 300.0
Cations						
Calcium	37	1		mg/L	01/09/2006 1627 TC	EPA 200.7
Magnesium	7	1		mg/L	01/09/2006 1627 TC	EPA 200.7
Potassium	5	1		mg/L	01/09/2006 1627 TC	EPA 200.7
Sodium	251	1		mg/L	01/09/2006 1627 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-006
Client Sample ID: 6AT58-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.64	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.09	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	10.55	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	1.86	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.59	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.13	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	10.93	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	13.51	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	12.29	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	4.75	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1320 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1445 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1445 MS	EPA 200.8
Boron	0.06	0.03		mg/L	01/11/2006 1320 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1445 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1320 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1445 MS	EPA 200.8
Iron	ND	0.05		mg/L	01/11/2006 1320 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1445 MS	EPA 200.8
Manganese	ND	0.02		mg/L	01/11/2006 1320 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1102 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1445 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1320 TC	EPA 200.7
Selenium	0.098	0.005		mg/L	12/29/2005 1445 MS	EPA 200.8
Uranium	0.158	0.0001		mg/L	12/29/2005 1445 MS	EPA 200.8
Vanadium	0.08	0.02		mg/L	12/29/2005 1445 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1320 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-007
Client Sample ID: 6Al63-3
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.3	0.1		s.u.	12/30/2005 1345 MD	EPA 150.1
Electrical Conductivity	569	5		µmhos/cm	12/30/2005 1345 MD	SM 2510B
Total Dissolved Solids (180)	390	10		mg/L	01/24/2006 800 EB	SM 2540
Solids, Total Dissolved (Calc)	380	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	71	5		mg/L	12/30/2005 1345 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	143	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1253 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1429 RM	EPA 353.2
Radium 226	170.6 ± 7.0	0.2		pCi/L	01/12/2006 1555 SH	SM 7500 RA B
Silica as SiO2	26.2	0.1		mg/L	01/09/2006 1631 TC	EPA 200.7
Sodium Adsorption Ratio	2.4	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	87	5		mg/L	12/30/2005 1345 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1345 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1345 MD	SM 2320B
Chloride	3	1		mg/L	01/10/2006 1142 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1345 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1400 RM	EPA 353.2
Sulfate	211	1		mg/L	01/10/2006 1142 LK	EPA 300.0
Cations						
Calcium	46	1		mg/L	01/09/2006 1631 TC	EPA 200.7
Magnesium	7	1		mg/L	01/09/2006 1631 TC	EPA 200.7
Potassium	1	1		mg/L	01/09/2006 1631 TC	EPA 200.7
Sodium	67	1		mg/L	01/09/2006 1631 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-007
Client Sample ID: 6AI63-3
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.41	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.08	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	4.40	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	2.26	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.58	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.03	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	2.89	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	5.77	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	5.90	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	1.11	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1324 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1448 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1448 MS	EPA 200.8
Boron	0.10	0.03		mg/L	01/11/2006 1324 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1448 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1324 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1448 MS	EPA 200.8
Iron	0.45	0.05		mg/L	01/11/2006 1324 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1448 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	01/11/2006 1324 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1104 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1448 MS	EPA 200.8
Nickel	0.02	0.01		mg/L	01/11/2006 1324 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/29/2005 1448 MS	EPA 200.8
Uranium	0.0380	0.0001		mg/L	12/29/2005 1448 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1448 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1324 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-008
Client Sample ID: NPHW-7
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/30/2005 1356 MD	EPA 150.1
Electrical Conductivity	946	5		µmhos/cm	12/30/2005 1356 MD	SM 2510B
Total Dissolved Solids (180)	620	10		mg/L	12/30/2005 1112 EB	SM 2540
Solids, Total Dissolved (Calc)	600	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	373	5		mg/L	12/30/2005 1356 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	93	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1254 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1430 RM	EPA 353.2
Radium 226	39.9 ± 3.4	0.2		pCi/L	01/12/2006 1903 SH	SM 7500 RA B
Silica as SiO2	7.0	0.1		mg/L	01/09/2006 1635 TC	EPA 200.7
Sodium Adsorption Ratio	9.2	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	455	5		mg/L	12/30/2005 1356 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1356 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1356 MD	SM 2320B
Chloride	8	1		mg/L	12/30/2005 858 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/30/2005 1356 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1408 RM	EPA 353.2
Sulfate	123	1		mg/L	12/30/2005 858 LK	EPA 300.0
Cations						
Calcium	26	1		mg/L	01/09/2006 1635 TC	EPA 200.7
Magnesium	7	1		mg/L	01/09/2006 1635 TC	EPA 200.7
Potassium	4	1		mg/L	01/09/2006 1635 TC	EPA 200.7
Sodium	204	1		mg/L	01/09/2006 1635 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-008
Client Sample ID: NPHW-7
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.46	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.21	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	2.55	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	1.29	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.56	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.10	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	8.86	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	10.83	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	10.24	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	2.78	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1328 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1451 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1451 MS	EPA 200.8
Boron	0.07	0.03		mg/L	01/11/2006 1328 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1451 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1328 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1451 MS	EPA 200.8
Iron	ND	0.05		mg/L	01/11/2006 1328 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1451 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	01/11/2006 1328 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1106 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1451 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1328 TC	EPA 200.7
Selenium	0.058	0.005		mg/L	12/29/2005 1451 MS	EPA 200.8
Uranium	2.30	0.0001		mg/L	12/29/2005 1451 MS	EPA 200.8
Vanadium	0.11	0.02		mg/L	12/29/2005 1451 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1328 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-009
Client Sample ID: 6AP64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	12/30/2005 1407 MD	EPA 150.1
Electrical Conductivity	1160	5		µmhos/cm	12/30/2005 1407 MD	SM 2510B
Total Dissolved Solids (180)	790	10		mg/L	12/30/2005 1122 EB	SM 2540
Solids, Total Dissolved (Calc)	740	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	310	5		mg/L	12/30/2005 1407 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	141	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1255 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1431 RM	EPA 353.2
Radium 226	132.6 ± 6.2	0.2		pCi/L	01/12/2006 1903 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	01/09/2006 1639 TC	EPA 200.7
Sodium Adsorption Ratio	8.5	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	379	5		mg/L	12/30/2005 1407 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1407 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1407 MD	SM 2320B
Chloride	7	1		mg/L	12/30/2005 907 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/30/2005 1407 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1409 RM	EPA 353.2
Sulfate	260	1		mg/L	12/30/2005 907 LK	EPA 300.0
Cations						
Calcium	42	1		mg/L	01/09/2006 1639 TC	EPA 200.7
Magnesium	9	1		mg/L	01/09/2006 1639 TC	EPA 200.7
Potassium	5	1		mg/L	01/09/2006 1639 TC	EPA 200.7
Sodium	232	1		mg/L	01/09/2006 1639 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-009
Client Sample ID: 6AP64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.21	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.19	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	5.41	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	2.09	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.72	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.13	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	10.07	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	13.02	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	11.83	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	4.77	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1332 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1454 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1454 MS	EPA 200.8
Boron	0.07	0.03		mg/L	01/11/2006 1332 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1454 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1332 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1454 MS	EPA 200.8
Iron	0.17	0.05		mg/L	01/11/2006 1332 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1454 MS	EPA 200.8
Manganese	0.09	0.02		mg/L	01/11/2006 1332 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1108 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1454 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1332 TC	EPA 200.7
Selenium	0.027	0.005		mg/L	12/29/2005 1454 MS	EPA 200.8
Uranium	0.791	0.0001		mg/L	12/29/2005 1454 MS	EPA 200.8
Vanadium	0.05	0.02		mg/L	12/29/2005 1454 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1332 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-010
Client Sample ID: 6AH40-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	12/30/2005 1419 MD	EPA 150.1
Electrical Conductivity	787	5		µmhos/cm	12/30/2005 1419 MD	SM 2510B
Total Dissolved Solids (180)	500	10		mg/L	12/30/2005 1132 EB	SM 2540
Solids, Total Dissolved (Calc)	510	10		mg/L	01/11/2006 939 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	01/03/2006 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	302	5		mg/L	12/30/2005 1419 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	80	1		mg/L	01/11/2006 939 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	01/04/2006 1256 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/30/2005 1432 RM	EPA 353.2
Radium 226	79.9 ± 4.8	0.2		pCi/L	01/12/2006 1903 SH	SM 7500 RA B
Silica as SiO2	5.5	0.1		mg/L	01/09/2006 1643 TC	EPA 200.7
Sodium Adsorption Ratio	8.0	0.1			01/11/2006 939 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	364	5		mg/L	12/30/2005 1419 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/30/2005 1419 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/30/2005 1419 MD	SM 2320B
Chloride	7	1		mg/L	01/10/2006 1151 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/30/2005 1419 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/29/2005 1410 RM	EPA 353.2
Sulfate	122	1		mg/L	01/10/2006 1151 LK	EPA 300.0
Cations						
Calcium	23	1		mg/L	01/09/2006 1643 TC	EPA 200.7
Magnesium	6	1		mg/L	01/09/2006 1643 TC	EPA 200.7
Potassium	3	1		mg/L	01/09/2006 1643 TC	EPA 200.7
Sodium	164	1		mg/L	01/09/2006 1643 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/25/2006
Report ID: S0512293001

Work Order: S0512293
Collection Date: 12/28/2005
Date Received: 12/28/2005 4:35:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512293-010
Client Sample ID: 6AH40-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.96	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Carbonate as CO3	0.07	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Chloride	0.18	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Fluoride	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sulfate	2.53	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Calcium	1.15	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Magnesium	0.45	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Potassium	0.08	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Sodium	7.15	0.01		meq/L	01/11/2006 939 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	8.84	0		meq/L	01/11/2006 939 MD	SM 1030F
Anion Sum	8.76	0		meq/L	01/11/2006 939 MD	SM 1030F
Cation-Anion Balance	0.42	0		%	01/11/2006 939 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	01/11/2006 1336 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/29/2005 1457 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/29/2005 1457 MS	EPA 200.8
Boron	0.07	0.03		mg/L	01/11/2006 1336 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/29/2005 1457 MS	EPA 200.8
Chromium	ND	0.01		mg/L	01/11/2006 1336 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/29/2005 1457 MS	EPA 200.8
Iron	ND	0.05		mg/L	01/11/2006 1336 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/29/2005 1457 MS	EPA 200.8
Manganese	0.06	0.02		mg/L	01/11/2006 1336 TC	EPA 200.7
Mercury	ND	0.001		mg/L	01/04/2006 1119 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/29/2005 1457 MS	EPA 200.8
Nickel	ND	0.01		mg/L	01/11/2006 1336 TC	EPA 200.7
Selenium	0.005	0.005		mg/L	12/29/2005 1457 MS	EPA 200.8
Uranium	0.506	0.0001		mg/L	12/29/2005 1457 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/29/2005 1457 MS	EPA 200.8
Zinc	ND	0.01		mg/L	01/11/2006 1336 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *17-Jan-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0512168

CASE NARRATIVE

Report ID: S0512168001

Samples 6AA41-1, 6AC35-1, 6AE33-1, 6AE44-1, 6AF42-1, 6AG48-1, 6AJ37-1, 6W33-1, 6X26-1, NPHW-1, NPHW-15, and NPHW-2 were received on December 15, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by [signature] Date 12/15/05 Received by [signature] Date 12.15.05

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain 3)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom nicholson~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AE44-1	12/14/05	Half Gal.	X		X		S0512168.001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		~~0029~~ 002
2	6W33-1		**	**	**	**	**		0032
3	6AE33-1		**	**	**	**	**		0043
4	6AJ37-1		**	**	**	**	**		0054
5	6AA41-1		**	**	**	**	**		0065
6	6AC35-1		**	**	**	**	**		0076
7	6AG48-1		**	**	**	**	**		0087
8	6AF42-1		**	**	**	**	**		0098
9	6X26-1		**	**	**	**	**		0109
10	NPHW-2		**	**	**	**	**		0110
11	NPHW-1		**	**	**	**	**		0121
12	NPNW-15		**	**	**	**	**		0132
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

L:\LARRY\[pvdsub.xls]pvdsub

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-001
Client Sample ID: 6AE44-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/19/2005 1015 MD	EPA 150.1
Electrical Conductivity	778	5		µmhos/cm	12/19/2005 1015 MD	SM 2510B
Total Dissolved Solids (180)	560	10		mg/L	12/19/2005 1120 EB	SM 2540
Solids, Total Dissolved (Calc)	490	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	107	5		mg/L	12/19/2005 1015 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	207	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1416 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1448 RM	EPA 353.2
Radium 226	932 ± 17	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	11.8	0.1		mg/L	12/22/2005 1454 TC	EPA 200.7
Sodium Adsorption Ratio	2.4	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	130	5		mg/L	12/19/2005 1015 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1015 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1015 MD	SM 2320B
Chloride	5	1		mg/L	12/21/2005 1231 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1015 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.22	0.05		mg/L	12/23/2005 1310 RM	EPA 353.2
Sulfate	258	1		mg/L	12/21/2005 1231 LK	EPA 300.0
Cations						
Calcium	65	1		mg/L	12/20/2005 1314 TC	EPA 200.7
Magnesium	11	1		mg/L	12/20/2005 1314 TC	EPA 200.7
Potassium	2	1		mg/L	12/20/2005 1314 TC	EPA 200.7
Sodium	81	1		mg/L	12/20/2005 1314 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-001
Client Sample ID: 6AE44-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.13	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.15	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	5.37	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	3.23	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.89	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.04	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	3.52	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	7.69	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	7.66	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	0.22	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1314 TC	EPA 200.7
Arsenic	0.032	0.005		mg/L	12/19/2005 1220 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1220 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/20/2005 1314 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1220 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1314 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1220 MS	EPA 200.8
Iron	2.06	0.05		mg/L	12/20/2005 1314 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1220 MS	EPA 200.8
Manganese	0.99	0.02		mg/L	12/20/2005 1314 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1109 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1220 MS	EPA 200.8
Nickel	0.01	0.01		mg/L	12/20/2005 1314 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1220 MS	EPA 200.8
Uranium	0.0916	0.0001		mg/L	12/19/2005 1220 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/19/2005 1220 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1314 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-002
Client Sample ID: 6W33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.3	0.1		s.u.	12/19/2005 1025 MD	EPA 150.1
Electrical Conductivity	497	5		µmhos/cm	12/19/2005 1025 MD	SM 2510B
Total Dissolved Solids (180)	350	10		mg/L	12/19/2005 1125 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	39	5		mg/L	12/19/2005 1025 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	102	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1417 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1449 RM	EPA 353.2
Radium 226	48.4 ± 3.9	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	10.3	0.1		mg/L	12/22/2005 1458 TC	EPA 200.7
Sodium Adsorption Ratio	2.6	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	48	5		mg/L	12/19/2005 1025 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1025 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1025 MD	SM 2320B
Chloride	1	1		mg/L	12/21/2005 1241 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1025 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1311 RM	EPA 353.2
Sulfate	196	1		mg/L	12/21/2005 1241 LK	EPA 300.0
Cations						
Calcium	30	1		mg/L	12/20/2005 1322 TC	EPA 200.7
Magnesium	6	1		mg/L	12/20/2005 1322 TC	EPA 200.7
Potassium	1	1		mg/L	12/20/2005 1322 TC	EPA 200.7
Sodium	59	1		mg/L	12/20/2005 1322 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-002
Client Sample ID: 6W33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.78	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.03	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	4.07	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	1.50	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.53	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.03	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	2.57	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	4.64	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	4.89	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	2.56	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1322 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1229 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1229 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/20/2005 1322 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1229 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1322 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1229 MS	EPA 200.8
Iron	1.83	0.05		mg/L	12/20/2005 1322 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1229 MS	EPA 200.8
Manganese	0.40	0.02		mg/L	12/20/2005 1322 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1112 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1229 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1322 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1229 MS	EPA 200.8
Uranium	0.0107	0.0001		mg/L	12/19/2005 1229 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/19/2005 1229 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1322 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-003
Client Sample ID: 6AE33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/19/2005 1039 MD	EPA 150.1
Electrical Conductivity	3020	5		µmhos/cm	12/19/2005 1039 MD	SM 2510B
Total Dissolved Solids (180)	2330	10		mg/L	12/19/2005 1130 EB	SM 2540
Solids, Total Dissolved (Calc)	2160	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	918	5		mg/L	12/19/2005 1039 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	692	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	12/28/2005 1418 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1450 RM	EPA 353.2
Radium 226	208.7 ± 8.0	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	15.5	0.1		mg/L	12/22/2005 1502 TC	EPA 200.7
Sodium Adsorption Ratio	9.3	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	1120	5		mg/L	12/19/2005 1039 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1039 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1039 MD	SM 2320B
Chloride	44	1		mg/L	12/21/2005 1251 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1039 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1312 RM	EPA 353.2
Sulfate	741	1		mg/L	12/21/2005 1251 LK	EPA 300.0
Cations						
Calcium	205	1		mg/L	12/20/2005 1341 TC	EPA 200.7
Magnesium	44	1		mg/L	12/20/2005 1341 TC	EPA 200.7
Potassium	10	1		mg/L	12/20/2005 1341 TC	EPA 200.7
Sodium	565	1		mg/L	12/20/2005 1341 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-003
Client Sample ID: 6AE33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	18.36	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	1.22	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	15.43	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	10.22	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	3.60	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.26	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	24.55	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	38.65	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	35.02	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	4.92	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1341 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1232 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1232 MS	EPA 200.8
Boron	0.13	0.03		mg/L	12/20/2005 1341 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1232 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1341 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1232 MS	EPA 200.8
Iron	0.30	0.05		mg/L	12/20/2005 1341 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1232 MS	EPA 200.8
Manganese	0.44	0.02		mg/L	12/20/2005 1341 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1115 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1232 MS	EPA 200.8
Nickel	0.01	0.01		mg/L	12/20/2005 1341 TC	EPA 200.7
Selenium	0.137	0.005		mg/L	12/19/2005 1232 MS	EPA 200.8
Uranium	0.944	0.0001		mg/L	12/19/2005 1232 MS	EPA 200.8
Vanadium	0.09	0.02		mg/L	12/19/2005 1232 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1341 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-004
Client Sample ID: 6AJ37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.4	0.1		s.u.	12/19/2005 1050 MD	EPA 150.1
Electrical Conductivity	493	5		µmhos/cm	12/19/2005 1050 MD	SM 2510B
Total Dissolved Solids (180)	340	10		mg/L	12/19/2005 1135 EB	SM 2540
Solids, Total Dissolved (Calc)	300	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	124	5		mg/L	12/19/2005 1050 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	75	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1419 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1451 RM	EPA 353.2
Radium 226	59.2 ± 4.3	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	18.2	0.1		mg/L	12/22/2005 1506 TC	EPA 200.7
Sodium Adsorption Ratio	4.0	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	152	5		mg/L	12/19/2005 1050 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1050 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1050 MD	SM 2320B
Chloride	5	1		mg/L	12/21/2005 1300 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1050 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	12/23/2005 1313 RM	EPA 353.2
Sulfate	112	1		mg/L	12/21/2005 1300 LK	EPA 300.0
Cations						
Calcium	23	1		mg/L	12/20/2005 1345 TC	EPA 200.7
Magnesium	5	1		mg/L	12/20/2005 1345 TC	EPA 200.7
Potassium	ND	1		mg/L	12/20/2005 1345 TC	EPA 200.7
Sodium	81	1		mg/L	12/20/2005 1345 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-004
Client Sample ID: 6AJ37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.48	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.14	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	2.32	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	1.12	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.38	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.02	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	3.50	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	5.03	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	4.95	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	0.82	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1345 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1235 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1235 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/20/2005 1345 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1235 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1345 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1235 MS	EPA 200.8
Iron	0.58	0.05		mg/L	12/20/2005 1345 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1235 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	12/20/2005 1345 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1117 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1235 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1345 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1235 MS	EPA 200.8
Uranium	0.0375	0.0001		mg/L	12/19/2005 1235 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/19/2005 1235 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1345 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-005
Client Sample ID: 6AA41-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.1	0.1		s.u.	12/19/2005 1101 MD	EPA 150.1
Electrical Conductivity	517	5		µmhos/cm	12/19/2005 1101 MD	SM 2510B
Total Dissolved Solids (180)	380	10		mg/L	12/19/2005 1140 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	15	5		mg/L	12/19/2005 1101 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	112	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1420 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1452 RM	EPA 353.2
Radium 226	107.3 ± 5.7	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SiO2	7.7	0.1		mg/L	12/22/2005 1510 TC	EPA 200.7
Sodium Adsorption Ratio	2.3	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	19	5		mg/L	12/19/2005 1101 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1101 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1101 MD	SM 2320B
Chloride	1	1		mg/L	12/21/2005 1358 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1101 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.05	0.05		mg/L	12/23/2005 1314 RM	EPA 353.2
Sulfate	213	1		mg/L	12/21/2005 1358 LK	EPA 300.0
Cations						
Calcium	35	1		mg/L	12/20/2005 1349 TC	EPA 200.7
Magnesium	6	1		mg/L	12/20/2005 1349 TC	EPA 200.7
Potassium	1	1		mg/L	12/20/2005 1349 TC	EPA 200.7
Sodium	55	1		mg/L	12/20/2005 1349 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-005
Client Sample ID: 6AA41-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.30	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.03	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	4.43	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	1.76	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.47	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.03	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	2.40	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	4.68	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	4.77	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	0.97	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1349 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1237 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1237 MS	EPA 200.8
Boron	0.06	0.03		mg/L	12/20/2005 1349 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1237 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1349 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1237 MS	EPA 200.8
Iron	0.43	0.05		mg/L	12/20/2005 1349 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1237 MS	EPA 200.8
Manganese	3.26	0.02		mg/L	12/20/2005 1349 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1120 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1237 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1349 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1237 MS	EPA 200.8
Uranium	0.0043	0.0001		mg/L	12/19/2005 1237 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/19/2005 1237 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1349 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-006
Client Sample ID: 6AC35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/19/2005 1112 MD	EPA 150.1
Electrical Conductivity	1380	5		µmhos/cm	12/19/2005 1112 MD	SM 2510B
Total Dissolved Solids (180)	950	10		mg/L	12/19/2005 1145 EB	SM 2540
Solids, Total Dissolved (Calc)	890	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	478	5		mg/L	12/19/2005 1112 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	213	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1421 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1453 RM	EPA 353.2
Radium 226	112.1 ± 5.8	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SiO2	6.7	0.1		mg/L	12/22/2005 1518 TC	EPA 200.7
Sodium Adsorption Ratio	7.9	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	583	5		mg/L	12/19/2005 1112 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1112 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1112 MD	SM 2320B
Chloride	16	1		mg/L	12/21/2005 1310 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1112 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1315 RM	EPA 353.2
Sulfate	236	1		mg/L	12/21/2005 1310 LK	EPA 300.0
Cations						
Calcium	62	1		mg/L	12/20/2005 1353 TC	EPA 200.7
Magnesium	15	1		mg/L	12/20/2005 1353 TC	EPA 200.7
Potassium	6	1		mg/L	12/20/2005 1353 TC	EPA 200.7
Sodium	267	1		mg/L	12/20/2005 1353 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-006
Client Sample ID: 6AC35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	9.56	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.44	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	4.92	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	3.07	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	1.19	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.14	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	11.60	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	16.00	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	14.92	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	3.50	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1353 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1240 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1240 MS	EPA 200.8
Boron	0.09	0.03		mg/L	12/20/2005 1353 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1240 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1353 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1240 MS	EPA 200.8
Iron	0.06	0.05		mg/L	12/20/2005 1353 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1240 MS	EPA 200.8
Manganese	0.13	0.02		mg/L	12/20/2005 1353 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1122 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1240 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1353 TC	EPA 200.7
Selenium	0.088	0.005		mg/L	12/19/2005 1240 MS	EPA 200.8
Uranium	0.464	0.0001		mg/L	12/19/2005 1240 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/19/2005 1240 MS	EPA 200.8
Zinc	0.01	0.01		mg/L	12/20/2005 1353 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-007
Client Sample ID: 6AG48-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	12/19/2005 1122 MD	EPA 150.1
Electrical Conductivity	435	5		µmhos/cm	12/19/2005 1122 MD	SM 2510B
Total Dissolved Solids (180)	320	10		mg/L	12/19/2005 1150 EB	SM 2540
Solids, Total Dissolved (Calc)	280	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	26	5		mg/L	12/19/2005 1122 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	111	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1422 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1454 RM	EPA 353.2
Radium 226	30.6 ± 3.7	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SiO2	8.9	0.1		mg/L	12/22/2005 1522 TC	EPA 200.7
Sodium Adsorption Ratio	1.7	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	31	5		mg/L	12/19/2005 1122 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1122 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1122 MD	SM 2320B
Chloride	2	1		mg/L	12/21/2005 1408 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1122 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1316 RM	EPA 353.2
Sulfate	174	1		mg/L	12/21/2005 1408 LK	EPA 300.0
Cations						
Calcium	37	1		mg/L	12/20/2005 1357 TC	EPA 200.7
Magnesium	5	1		mg/L	12/20/2005 1357 TC	EPA 200.7
Potassium	ND	1		mg/L	12/20/2005 1357 TC	EPA 200.7
Sodium	42	1		mg/L	12/20/2005 1357 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-007
Client Sample ID: 6AG48-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.51	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.05	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	3.62	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	1.84	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.37	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.02	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	1.83	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	4.07	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	4.19	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	1.49	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1357 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1243 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1243 MS	EPA 200.8
Boron	0.06	0.03		mg/L	12/20/2005 1357 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1243 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1357 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1243 MS	EPA 200.8
Iron	0.17	0.05		mg/L	12/20/2005 1357 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1243 MS	EPA 200.8
Manganese	0.28	0.02		mg/L	12/20/2005 1357 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1125 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1243 MS	EPA 200.8
Nickel	0.01	0.01		mg/L	12/20/2005 1357 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1243 MS	EPA 200.8
Uranium	0.0084	0.0001		mg/L	12/19/2005 1243 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/19/2005 1243 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1357 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-008
Client Sample ID: 6AF42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/19/2005 1132 MD	EPA 150.1
Electrical Conductivity	523	5		µmhos/cm	12/19/2005 1132 MD	SM 2510B
Total Dissolved Solids (180)	360	10		mg/L	12/19/2005 1155 EB	SM 2540
Solids, Total Dissolved (Calc)	310	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	168	5		mg/L	12/19/2005 1132 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	50	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1423 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1455 RM	EPA 353.2
Radium 226	60.2 ± 5.1	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SiO2	6.4	0.1		mg/L	12/22/2005 1537 TC	EPA 200.7
Sodium Adsorption Ratio	6.2	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	205	5		mg/L	12/19/2005 1132 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1132 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1132 MD	SM 2320B
Chloride	5	1		mg/L	12/21/2005 1418 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	12/19/2005 1132 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1324 RM	EPA 353.2
Sulfate	83	1		mg/L	12/21/2005 1418 LK	EPA 300.0
Cations						
Calcium	14	1		mg/L	12/20/2005 1400 TC	EPA 200.7
Magnesium	4	1		mg/L	12/20/2005 1400 TC	EPA 200.7
Potassium	2	1		mg/L	12/20/2005 1400 TC	EPA 200.7
Sodium	101	1		mg/L	12/20/2005 1400 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-008
Client Sample ID: 6AF42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.35	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.14	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	1.72	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	0.71	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.29	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.05	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	4.39	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	5.45	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	5.23	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	2.10	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1400 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1246 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1246 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/20/2005 1400 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1246 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1400 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1246 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/20/2005 1400 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1246 MS	EPA 200.8
Manganese	0.03	0.02		mg/L	12/20/2005 1400 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1127 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1246 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1400 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1246 MS	EPA 200.8
Uranium	0.305	0.0001		mg/L	12/19/2005 1246 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/19/2005 1246 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1400 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-009
Client Sample ID: 6X26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	12/19/2005 1143 MD	EPA 150.1
Electrical Conductivity	1120	5		µmhos/cm	12/19/2005 1143 MD	SM 2510B
Total Dissolved Solids (180)	760	10		mg/L	12/19/2005 1200 EB	SM 2540
Solids, Total Dissolved (Calc)	690	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	360	5		mg/L	12/19/2005 1143 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	178	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1424 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1456 RM	EPA 353.2
Radium 226	170.6 ± 8.3	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SIO2	8.5	0.1		mg/L	12/22/2005 1541 TC	EPA 200.7
Sodium Adsorption Ratio	6.7	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	439	5		mg/L	12/19/2005 1143 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1143 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1143 MD	SM 2320B
Chloride	8	1		mg/L	12/21/2005 1427 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1143 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1325 RM	EPA 353.2
Sulfate	196	1		mg/L	12/21/2005 1427 LK	EPA 300.0
Cations						
Calcium	53	1		mg/L	12/20/2005 1408 TC	EPA 200.7
Magnesium	11	1		mg/L	12/20/2005 1408 TC	EPA 200.7
Potassium	4	1		mg/L	12/20/2005 1408 TC	EPA 200.7
Sodium	205	1		mg/L	12/20/2005 1408 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-009
Client Sample ID: 6X26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.20	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.21	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	4.08	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	2.61	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	0.93	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.09	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	8.93	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	12.58	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	11.51	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	4.45	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1408 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1249 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1249 MS	EPA 200.8
Boron	0.09	0.03		mg/L	12/20/2005 1408 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1249 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1408 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1249 MS	EPA 200.8
Iron	0.30	0.05		mg/L	12/20/2005 1408 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1249 MS	EPA 200.8
Manganese	0.27	0.02		mg/L	12/20/2005 1408 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1139 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1249 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1408 TC	EPA 200.7
Selenium	0.050	0.005		mg/L	12/19/2005 1249 MS	EPA 200.8
Uranium	0.475	0.0001		mg/L	12/19/2005 1249 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/19/2005 1249 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1408 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-010
Client Sample ID: NPHW-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/19/2005 1154 MD	EPA 150.1
Electrical Conductivity	1360	5		µmhos/cm	12/19/2005 1154 MD	SM 2510B
Total Dissolved Solids (180)	940	10		mg/L	12/19/2005 1205 EB	SM 2540
Solids, Total Dissolved (Calc)	870	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	388	5		mg/L	12/19/2005 1154 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	213	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1425 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1457 RM	EPA 353.2
Radium 226	431 ± 13	0.2		pCi/L	12/30/2005 1856 SH	SM 7500 RA B
Silica as SiO2	8.1	0.1		mg/L	12/22/2005 1545 TC	EPA 200.7
Sodium Adsorption Ratio	7.5	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	473	5		mg/L	12/19/2005 1154 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1154 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1154 MD	SM 2320B
Chloride	16	1		mg/L	12/21/2005 1437 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1154 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.05	0.05		mg/L	12/23/2005 1326 RM	EPA 353.2
Sulfate	286	1		mg/L	12/21/2005 1437 LK	EPA 300.0
Cations						
Calcium	62	1		mg/L	12/20/2005 1412 TC	EPA 200.7
Magnesium	14	1		mg/L	12/20/2005 1412 TC	EPA 200.7
Potassium	5	1		mg/L	12/20/2005 1412 TC	EPA 200.7
Sodium	251	1		mg/L	12/20/2005 1412 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-010
Client Sample ID: NPHW-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.75	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.45	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	5.95	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	3.08	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	1.17	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.12	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	10.93	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	15.32	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	14.16	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	3.91	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1412 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/19/2005 1252 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1252 MS	EPA 200.8
Boron	0.09	0.03		mg/L	12/20/2005 1412 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1252 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1412 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1252 MS	EPA 200.8
Iron	0.07	0.05		mg/L	12/20/2005 1412 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1252 MS	EPA 200.8
Manganese	0.16	0.02		mg/L	12/20/2005 1412 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1147 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1252 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1412 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/19/2005 1252 MS	EPA 200.8
Uranium	0.870	0.0001		mg/L	12/19/2005 1252 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/19/2005 1252 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1412 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-011
Client Sample ID: NPHW-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	12/19/2005 1217 MD	EPA 150.1
Electrical Conductivity	1190	5		µmhos/cm	12/19/2005 1217 MD	SM 2510B
Total Dissolved Solids (180)	790	10		mg/L	12/19/2005 1210 EB	SM 2540
Solids, Total Dissolved (Calc)	750	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	506	5		mg/L	12/19/2005 1217 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	214	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1432 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1458 RM	EPA 353.2
Radium 226	240.0 ± 8.9	0.2		pCi/L	01/10/2006 1219 SH	SM 7500 RA B
Silica as SiO2	8.8	0.1		mg/L	12/22/2005 1549 TC	EPA 200.7
Sodium Adsorption Ratio	6.5	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	618	5		mg/L	12/19/2005 1217 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1217 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1217 MD	SM 2320B
Chloride	7	1		mg/L	12/21/2005 1446 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1217 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.05	0.05		mg/L	12/23/2005 1327 RM	EPA 353.2
Sulfate	134	1		mg/L	12/21/2005 1446 LK	EPA 300.0
Cations						
Calcium	64	1		mg/L	12/20/2005 1416 TC	EPA 200.7
Magnesium	13	1		mg/L	12/20/2005 1416 TC	EPA 200.7
Potassium	5	1		mg/L	12/20/2005 1416 TC	EPA 200.7
Sodium	219	1		mg/L	12/20/2005 1416 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-011
Client Sample ID: NPHW-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.12	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.19	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	2.78	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	3.18	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	1.09	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.12	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	9.53	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	13.94	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	13.10	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	3.12	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1416 TC	EPA 200.7
Arsenic	0.007	0.005		mg/L	12/19/2005 1303 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1303 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/20/2005 1416 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1303 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1416 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1303 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/20/2005 1416 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1303 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	12/20/2005 1416 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1149 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1303 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1416 TC	EPA 200.7
Selenium	0.076	0.005		mg/L	12/19/2005 1303 MS	EPA 200.8
Uranium	0.931	0.0001		mg/L	12/19/2005 1303 MS	EPA 200.8
Vanadium	0.14	0.02		mg/L	12/19/2005 1303 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1416 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-012
Client Sample ID: NPHW-15
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	12/19/2005 1229 MD	EPA 150.1
Electrical Conductivity	1670	5		µmhos/cm	12/19/2005 1229 MD	SM 2510B
Total Dissolved Solids (180)	1190	10		mg/L	12/19/2005 1220 EB	SM 2540
Solids, Total Dissolved (Calc)	1110	10		mg/L	12/22/2005 1013 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	579	5		mg/L	12/19/2005 1229 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	273	1		mg/L	12/22/2005 1013 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1433 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/16/2005 1459 RM	EPA 353.2
Radium 226	85.2 ± 5.5	0.2		pCi/L	01/10/2006 1219 SH	SM 7500 RA B
Silica as SiO2	12.3	0.1		mg/L	12/22/2005 1553 TC	EPA 200.7
Sodium Adsorption Ratio	8.8	0.1			12/22/2005 1013 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	706	5		mg/L	12/19/2005 1229 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/19/2005 1229 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/19/2005 1229 MD	SM 2320B
Chloride	18	1		mg/L	12/21/2005 1456 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/19/2005 1229 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	12/23/2005 1328 RM	EPA 353.2
Sulfate	305	1		mg/L	12/21/2005 1456 LK	EPA 300.0
Cations						
Calcium	81	1		mg/L	12/20/2005 1432 TC	EPA 200.7
Magnesium	18	1		mg/L	12/20/2005 1432 TC	EPA 200.7
Potassium	6	1		mg/L	12/20/2005 1432 TC	EPA 200.7
Sodium	333	1		mg/L	12/20/2005 1432 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512168001

Work Order: S0512168
Collection Date: 12/14/2005
Date Received: 12/15/2005 4:30:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512168-012
Client Sample ID: NPHW-15
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.57	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Chloride	0.51	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sulfate	6.35	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Calcium	4.01	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Magnesium	1.44	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Potassium	0.16	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Sodium	14.48	0.01		meq/L	12/22/2005 1013 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	20.11	0		meq/L	12/22/2005 1013 MD	SM 1030F
Anion Sum	18.44	0		meq/L	12/22/2005 1013 MD	SM 1030F
Cation-Anion Balance	4.33	0		%	12/22/2005 1013 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/20/2005 1432 TC	EPA 200.7
Arsenic	0.025	0.005		mg/L	12/19/2005 1312 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/19/2005 1312 MS	EPA 200.8
Boron	0.12	0.03		mg/L	12/20/2005 1432 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/19/2005 1312 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/20/2005 1432 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/19/2005 1312 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/20/2005 1432 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/19/2005 1312 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	12/20/2005 1432 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1151 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/19/2005 1312 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/20/2005 1432 TC	EPA 200.7
Selenium	2.09	0.005		mg/L	12/19/2005 1312 MS	EPA 200.8
Uranium	6.21	0.0001		mg/L	12/19/2005 1312 MS	EPA 200.8
Vanadium	0.29	0.02		mg/L	12/19/2005 1312 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/20/2005 1432 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *17-Jan-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0512220

CASE NARRATIVE

Report ID: S0512220001

Samples 6AL31-1, 6AL35-1, 6AL40-1, 6AM36-1, 6AN47-1, 6AO33-2, 6AO42-1, 6AP37-1, 6AQ46-1, 6AQ52-1, 6AQ56-1, 6AS47-1, AT51-1, and NPHW-3A were received on December 20, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by [signature] Date 12-20-05 Received by [signature] Date 12-20-05

Restoration Sample Description

Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain 3 of 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : [redacted]
Larry Anbaqast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1		12-20-05	Half Gal.	X		X		505122200	am2
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	NPHW-3A	12-20-05	**	**	**	**	**		0031
3	6AP37-1	12-20-05	**	**	**	**	**		0032
4	6AO33-2	12-20-05	**	**	**	**	**		0033
5	6AL31-1	12-20-05	**	**	**	**	**		0034
6	6AL35-1	12-20-05	**	**	**	**	**		0035
7	6AL40-1	12-20-05	**	**	**	**	**		0036
8	6AM36-1	12-20-05	**	**	**	**	**		0037
9	6AO42-1	12-20-05	**	**	**	**	**		0038
10	6AQ56-1	12-20-05	**	**	**	**	**		0039
11	6AN47-1	12-20-05	**	**	**	**	**		0040
12	6AQ46-1	12-20-05	**	**	**	**	**		0041
13	6AS47-1	12-20-05	**	**	**	**	**		0042
14	AQ52-1	12-20-05	**	**	**	**	**		0043
15	AT51-1	12-20-05	**	**	**	**	**		0044

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-001
Client Sample ID: NPHW-3A
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/21/2005 2056 MD	EPA 150.1
Electrical Conductivity	2040	5		µmhos/cm	12/21/2005 2056 MD	SM 2510B
Total Dissolved Solids (180)	1450	10		mg/L	12/22/2005 720 EB	SM 2540
Solids, Total Dissolved (Calc)	1480	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	619	5		mg/L	12/21/2005 2056 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	416	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	12/28/2005 1436 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1534 RM	EPA 353.2
Radium 226	773 ± 17	0.2		pCi/L	01/10/2006 1219 SH	SM 7500 RA B
Silica as SiO2	7.1	0.1		mg/L	12/22/2005 1557 TC	EPA 200.7
Sodium Adsorption Ratio	8.4	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	756	5		mg/L	12/21/2005 2056 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/21/2005 2056 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/21/2005 2056 MD	SM 2320B
Chloride	29	1		mg/L	12/23/2005 1204 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/21/2005 2056 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	12/23/2005 1333 RM	EPA 353.2
Sulfate	528	1		mg/L	12/23/2005 1204 LK	EPA 300.0
Cations						
Calcium	112	1		mg/L	12/22/2005 1557 TC	EPA 200.7
Magnesium	33	1		mg/L	12/22/2005 1557 TC	EPA 200.7
Potassium	8	1		mg/L	12/22/2005 1557 TC	EPA 200.7
Sodium	396	1		mg/L	12/22/2005 1557 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-001
Client Sample ID: NPHW-3A
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.38	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.80	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	10.99	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	5.60	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	2.71	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.20	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	17.22	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	25.74	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	24.19	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	3.10	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1557 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1053 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1053 MS	EPA 200.8
Boron	0.10	0.03		mg/L	12/22/2005 1557 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1053 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1557 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1053 MS	EPA 200.8
Iron	0.12	0.05		mg/L	12/22/2005 1557 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1053 MS	EPA 200.8
Manganese	0.39	0.02		mg/L	12/22/2005 1557 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1031 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1053 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1557 TC	EPA 200.7
Selenium	0.035	0.005		mg/L	12/22/2005 1053 MS	EPA 200.8
Uranium	4.28	0.0001		mg/L	12/22/2005 1053 MS	EPA 200.8
Vanadium	0.08	0.02		mg/L	12/22/2005 1053 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1557 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-002
Client Sample ID: 6AP37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	12/21/2005 2108 MD	EPA 150.1
Electrical Conductivity	491	5		µmhos/cm	12/21/2005 2108 MD	SM 2510B
Total Dissolved Solids (180)	310	10		mg/L	12/22/2005 725 EB	SM 2540
Solids, Total Dissolved (Calc)	330	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	110	5		mg/L	12/21/2005 2108 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	152	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1437 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1535 RM	EPA 353.2
Radium 226	247.5 ± 9.9	0.2		pCi/L	01/10/2006 1219 SH	SM 7500 RA B
Silica as SiO2	8.4	0.1		mg/L	12/22/2005 1608 TC	EPA 200.7
Sodium Adsorption Ratio	1.7	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	134	5		mg/L	12/21/2005 2108 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/21/2005 2108 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/21/2005 2108 MD	SM 2320B
Chloride	2	1		mg/L	12/23/2005 1213 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/21/2005 2108 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	12/23/2005 1341 RM	EPA 353.2
Sulfate	150	1		mg/L	12/23/2005 1213 LK	EPA 300.0
Cations						
Calcium	50	1		mg/L	12/22/2005 1608 TC	EPA 200.7
Magnesium	6	1		mg/L	12/22/2005 1608 TC	EPA 200.7
Potassium	1	1		mg/L	12/22/2005 1608 TC	EPA 200.7
Sodium	50	1		mg/L	12/22/2005 1608 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-002
Client Sample ID: 6AP37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.20	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.06	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	3.12	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	2.51	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.52	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.03	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	2.15	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	5.22	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	5.38	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.52	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1608 TC	EPA 200.7
Arsenic	0.011	0.005		mg/L	12/22/2005 1056 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1056 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/22/2005 1608 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1056 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1608 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1056 MS	EPA 200.8
Iron	0.54	0.05		mg/L	12/22/2005 1608 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1056 MS	EPA 200.8
Manganese	0.17	0.02		mg/L	12/22/2005 1608 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1038 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1056 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1608 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/22/2005 1056 MS	EPA 200.8
Uranium	2.36	0.0001		mg/L	12/22/2005 1056 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1056 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1608 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-003
Client Sample ID: 6AO33-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	12/21/2005 2117 MD	EPA 150.1
Electrical Conductivity	1390	5		µmhos/cm	12/21/2005 2117 MD	SM 2510B
Total Dissolved Solids (180)	930	10		mg/L	12/22/2005 730 EB	SM 2540
Solids, Total Dissolved (Calc)	940	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	126	5		mg/L	12/21/2005 2117 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	141	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1438 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1536 RM	EPA 353.2
Radium 226	127.0 ± 6.5	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	6.4	0.1		mg/L	12/22/2005 1628 TC	EPA 200.7
Sodium Adsorption Ratio	9.8	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	154	5		mg/L	12/21/2005 2117 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/21/2005 2117 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/21/2005 2117 MD	SM 2320B
Chloride	4	1		mg/L	12/23/2005 1233 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/21/2005 2117 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.16	0.05		mg/L	12/23/2005 1342 RM	EPA 353.2
Sulfate	539	1		mg/L	12/23/2005 1233 LK	EPA 300.0
Cations						
Calcium	41	1		mg/L	12/22/2005 1628 TC	EPA 200.7
Magnesium	9	1		mg/L	12/22/2005 1628 TC	EPA 200.7
Potassium	6	1		mg/L	12/22/2005 1628 TC	EPA 200.7
Sodium	266	1		mg/L	12/22/2005 1628 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-003
Client Sample ID: 6AO33-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.52	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.10	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	11.21	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	2.06	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.74	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.14	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	11.59	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	14.54	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	13.87	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	2.37	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1628 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1105 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1105 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/22/2005 1628 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1105 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1628 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1105 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/22/2005 1628 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1105 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	12/22/2005 1628 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1044 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1105 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1628 TC	EPA 200.7
Selenium	0.064	0.005		mg/L	12/22/2005 1105 MS	EPA 200.8
Uranium	0.463	0.0001		mg/L	12/22/2005 1105 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/22/2005 1105 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1628 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-004
Client Sample ID: 6AL31-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/21/2005 2129 MD	EPA 150.1
Electrical Conductivity	1910	5		µmhos/cm	12/21/2005 2129 MD	SM 2510B
Total Dissolved Solids (180)	1320	10		mg/L	12/22/2005 735 EB	SM 2540
Solids, Total Dissolved (Calc)	1340	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	410	5		mg/L	12/21/2005 2129 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	267	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1439 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1537 RM	EPA 353.2
Radium 226	163.6 ± 7.4	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	9.5	0.1		mg/L	12/22/2005 1632 TC	EPA 200.7
Sodium Adsorption Ratio	9.8	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	500	5		mg/L	12/21/2005 2129 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/21/2005 2129 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/21/2005 2129 MD	SM 2320B
Chloride	11	1		mg/L	12/23/2005 1242 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/21/2005 2129 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.12	0.05		mg/L	12/23/2005 1343 RM	EPA 353.2
Sulfate	616	1		mg/L	12/23/2005 1242 LK	EPA 300.0
Cations						
Calcium	76	1		mg/L	12/22/2005 1632 TC	EPA 200.7
Magnesium	19	1		mg/L	12/22/2005 1632 TC	EPA 200.7
Potassium	7	1		mg/L	12/22/2005 1632 TC	EPA 200.7
Sodium	367	1		mg/L	12/22/2005 1632 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-004
Client Sample ID: 6AL31-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	8.19	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.30	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	12.81	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	3.79	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	1.55	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.17	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	15.98	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	21.50	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	21.32	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	0.41	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1632 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1108 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1108 MS	EPA 200.8
Boron	0.09	0.03		mg/L	12/22/2005 1632 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1108 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1632 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1108 MS	EPA 200.8
Iron	0.19	0.05		mg/L	12/22/2005 1632 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1108 MS	EPA 200.8
Manganese	0.17	0.02		mg/L	12/22/2005 1632 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1046 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1108 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1632 TC	EPA 200.7
Selenium	0.016	0.005		mg/L	12/22/2005 1108 MS	EPA 200.8
Uranium	0.395	0.0001		mg/L	12/22/2005 1108 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1108 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1632 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-005
Client Sample ID: 6AL35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	12/21/2005 2142 MD	EPA 150.1
Electrical Conductivity	1660	5		µmhos/cm	12/21/2005 2142 MD	SM 2510B
Total Dissolved Solids (180)	1110	10		mg/L	12/22/2005 740 EB	SM 2540
Solids, Total Dissolved (Calc)	1080	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	534	5		mg/L	12/21/2005 2142 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	267	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.8	0.1		mg/L	12/28/2005 1440 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1544 RM	EPA 353.2
Radium 226	209.2 ± 8.5	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	9.5	0.1		mg/L	12/22/2005 1636 TC	EPA 200.7
Sodium Adsorption Ratio	8.2	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	652	5		mg/L	12/21/2005 2142 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/21/2005 2142 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/21/2005 2142 MD	SM 2320B
Chloride	21	1		mg/L	12/23/2005 1859 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/21/2005 2142 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.13	0.05		mg/L	12/23/2005 1344 RM	EPA 353.2
Sulfate	331	1		mg/L	12/23/2005 1859 LK	EPA 300.0
Cations						
Calcium	77	1		mg/L	12/22/2005 1636 TC	EPA 200.7
Magnesium	18	1		mg/L	12/22/2005 1636 TC	EPA 200.7
Potassium	6	1		mg/L	12/22/2005 1636 TC	EPA 200.7
Sodium	309	1		mg/L	12/22/2005 1636 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-005
Client Sample ID: 6AL35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.68	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.59	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	6.88	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	3.83	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	1.51	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.16	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	13.43	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	18.94	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	18.17	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	2.07	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1636 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1111 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1111 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/22/2005 1636 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1111 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1636 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1111 MS	EPA 200.8
Iron	1.51	0.05		mg/L	12/22/2005 1636 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1111 MS	EPA 200.8
Manganese	0.24	0.02		mg/L	12/22/2005 1636 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1049 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1111 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1636 TC	EPA 200.7
Selenium	0.116	0.005		mg/L	12/22/2005 1111 MS	EPA 200.8
Uranium	6.35	0.0001		mg/L	12/22/2005 1111 MS	EPA 200.8
Vanadium	0.11	0.02		mg/L	12/22/2005 1111 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1636 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-006
Client Sample ID: 6AL40-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/22/2005 1031 MD	EPA 150.1
Electrical Conductivity	1090	5		µmhos/cm	12/22/2005 1031 MD	SM 2510B
Total Dissolved Solids (180)	690	10		mg/L	12/22/2005 745 EB	SM 2540
Solids, Total Dissolved (Calc)	670	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	377	5		mg/L	12/22/2005 1031 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	182	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1441 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1545 RM	EPA 353.2
Radium 226	209.0 ± 8.3	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	6.5	0.1		mg/L	12/22/2005 1639 TC	EPA 200.7
Sodium Adsorption Ratio	6.3	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	461	5		mg/L	12/22/2005 1031 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1031 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1031 MD	SM 2320B
Chloride	10	1		mg/L	12/23/2005 1909 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1031 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.11	0.05		mg/L	12/23/2005 1345 RM	EPA 353.2
Sulfate	172	1		mg/L	12/23/2005 1909 LK	EPA 300.0
Cations						
Calcium	53	1		mg/L	12/22/2005 1639 TC	EPA 200.7
Magnesium	12	1		mg/L	12/22/2005 1639 TC	EPA 200.7
Potassium	5	1		mg/L	12/22/2005 1639 TC	EPA 200.7
Sodium	196	1		mg/L	12/22/2005 1639 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-006
Client Sample ID: 6AL40-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.55	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.26	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	3.58	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	2.65	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.98	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.12	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	8.51	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	12.27	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	11.41	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	3.62	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1639 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1113 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1113 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/22/2005 1639 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1113 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1639 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1113 MS	EPA 200.8
Iron	0.07	0.05		mg/L	12/22/2005 1639 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1113 MS	EPA 200.8
Manganese	0.13	0.02		mg/L	12/22/2005 1639 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1051 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1113 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1639 TC	EPA 200.7
Selenium	0.082	0.005		mg/L	12/22/2005 1113 MS	EPA 200.8
Uranium	2.06	0.0001		mg/L	12/22/2005 1113 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/22/2005 1113 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1639 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-007
Client Sample ID: 6AM36-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	12/22/2005 1044 MD	EPA 150.1
Electrical Conductivity	1840	5		µmhos/cm	12/22/2005 1044 MD	SM 2510B
Total Dissolved Solids (180)	1240	10		mg/L	12/22/2005 755 EB	SM 2540
Solids, Total Dissolved (Calc)	1240	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	609	5		mg/L	12/22/2005 1044 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	342	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1448 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1546 RM	EPA 353.2
Radium 226	236.5 ± 9.2	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	9.0	0.1		mg/L	12/22/2005 1643 TC	EPA 200.7
Sodium Adsorption Ratio	8.2	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	743	5		mg/L	12/22/2005 1044 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1044 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1044 MD	SM 2320B
Chloride	23	1		mg/L	12/23/2005 1312 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1044 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.10	0.05		mg/L	12/23/2005 1346 RM	EPA 353.2
Sulfate	375	1		mg/L	12/23/2005 1312 LK	EPA 300.0
Cations						
Calcium	95	1		mg/L	12/22/2005 1643 TC	EPA 200.7
Magnesium	26	1		mg/L	12/22/2005 1643 TC	EPA 200.7
Potassium	7	1		mg/L	12/22/2005 1643 TC	EPA 200.7
Sodium	350	1		mg/L	12/22/2005 1643 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-007
Client Sample ID: 6AM36-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.17	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.65	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	7.81	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	4.72	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	2.11	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.17	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	15.21	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	22.22	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	20.64	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	3.68	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1643 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1116 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1116 MS	EPA 200.8
Boron	0.09	0.03		mg/L	12/22/2005 1643 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1116 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1643 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1116 MS	EPA 200.8
Iron	0.41	0.05		mg/L	12/22/2005 1643 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1116 MS	EPA 200.8
Manganese	0.24	0.02		mg/L	12/22/2005 1643 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1053 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1116 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1643 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/22/2005 1116 MS	EPA 200.8
Uranium	0.490	0.0001		mg/L	12/22/2005 1116 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1116 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1643 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-008
Client Sample ID: 6AO42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.2	0.1		s.u.	12/22/2005 1055 MD	EPA 150.1
Electrical Conductivity	592	5		µmhos/cm	12/22/2005 1055 MD	SM 2510B
Total Dissolved Solids (180)	400	10		mg/L	12/22/2005 800 EB	SM 2540
Solids, Total Dissolved (Calc)	400	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	26	5		mg/L	12/22/2005 1055 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	140	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1449 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1547 RM	EPA 353.2
Radium 226	59.1 ± 4.5	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	14.5	0.1		mg/L	12/22/2005 1651 TC	EPA 200.7
Sodium Adsorption Ratio	2.5	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	31	5		mg/L	12/22/2005 1055 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1055 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1055 MD	SM 2320B
Chloride	1	1		mg/L	12/23/2005 1321 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1055 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.16	0.05		mg/L	12/23/2005 1347 RM	EPA 353.2
Sulfate	264	1		mg/L	12/27/2005 859 LK	EPA 300.0
Cations						
Calcium	40	1		mg/L	12/22/2005 1651 TC	EPA 200.7
Magnesium	10	1		mg/L	12/29/2005 1607 TC	EPA 200.7
Potassium	2	1		mg/L	12/29/2005 1607 TC	EPA 200.7
Sodium	69	1		mg/L	12/29/2005 1607 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-008
Client Sample ID: 6AO42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.51	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.03	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	5.49	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	1.96	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.80	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.04	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	2.98	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	5.83	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	6.06	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.94	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1651 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1119 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1119 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/22/2005 1651 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1119 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1651 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1119 MS	EPA 200.8
Iron	1.67	0.05		mg/L	12/22/2005 1651 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1119 MS	EPA 200.8
Manganese	0.39	0.02		mg/L	12/22/2005 1651 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1055 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1119 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1651 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/22/2005 1119 MS	EPA 200.8
Uranium	0.0030	0.0001		mg/L	12/22/2005 1119 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1119 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1651 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-009
Client Sample ID: 6AQ56-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	12/22/2005 1109 MD	EPA 150.1
Electrical Conductivity	2040	5		µmhos/cm	12/22/2005 1109 MD	SM 2510B
Total Dissolved Solids (180)	1390	10		mg/L	12/22/2005 805 EB	SM 2540
Solids, Total Dissolved (Calc)	1440	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	652	5		mg/L	12/22/2005 1109 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	359	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1450 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1548 RM	EPA 353.2
Radium 226	108.9 ± 6.4	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	7.7	0.1		mg/L	12/22/2005 1655 TC	EPA 200.7
Sodium Adsorption Ratio	9.7	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	795	5		mg/L	12/22/2005 1109 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1109 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1109 MD	SM 2320B
Chloride	20	1		mg/L	12/23/2005 1400 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1109 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.12	0.05		mg/L	12/23/2005 1349 RM	EPA 353.2
Sulfate	472	1		mg/L	12/23/2005 1400 LK	EPA 300.0
Cations						
Calcium	102	1		mg/L	12/22/2005 1655 TC	EPA 200.7
Magnesium	25	1		mg/L	12/22/2005 1655 TC	EPA 200.7
Potassium	8	1		mg/L	12/22/2005 1655 TC	EPA 200.7
Sodium	423	1		mg/L	12/22/2005 1655 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-009
Client Sample ID: 6AQ56-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	13.03	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.57	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	9.83	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	5.09	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	2.07	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.19	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	18.38	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	25.75	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	23.45	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	4.67	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1655 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1122 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1122 MS	EPA 200.8
Boron	0.11	0.03		mg/L	12/22/2005 1655 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1122 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1655 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1122 MS	EPA 200.8
Iron	0.07	0.05		mg/L	12/22/2005 1655 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1122 MS	EPA 200.8
Manganese	0.22	0.02		mg/L	12/22/2005 1655 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1057 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1122 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1655 TC	EPA 200.7
Selenium	0.038	0.005		mg/L	12/22/2005 1122 MS	EPA 200.8
Uranium	0.228	0.0001		mg/L	12/22/2005 1122 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	12/22/2005 1122 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1655 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-010
Client Sample ID: 6AN47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	12/22/2005 1120 MD	EPA 150.1
Electrical Conductivity	366	5		µmhos/cm	12/22/2005 1120 MD	SM 2510B
Total Dissolved Solids (180)	230	10		mg/L	12/22/2005 810 EB	SM 2540
Solids, Total Dissolved (Calc)	230	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	55	5		mg/L	12/22/2005 1120 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	52	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1451 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1549 RM	EPA 353.2
Radium 226	25.0 ± 3.1	0.2		pCi/L	01/10/2006 1537 SH	SM 7500 RA B
Silica as SiO2	9.6	0.1		mg/L	12/22/2005 1659 TC	EPA 200.7
Sodium Adsorption Ratio	3.4	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	67	5		mg/L	12/22/2005 1120 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1120 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1120 MD	SM 2320B
Chloride	2	1		mg/L	12/23/2005 1410 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1120 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	12/23/2005 1350 RM	EPA 353.2
Sulfate	119	1		mg/L	12/23/2005 1410 LK	EPA 300.0
Cations						
Calcium	16	1		mg/L	12/22/2005 1659 TC	EPA 200.7
Magnesium	3	1		mg/L	12/22/2005 1659 TC	EPA 200.7
Potassium	1	1		mg/L	12/22/2005 1659 TC	EPA 200.7
Sodium	57	1		mg/L	12/22/2005 1659 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-010
Client Sample ID: 6AN47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.09	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.06	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	2.47	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	0.78	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.26	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.02	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	2.48	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	3.55	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	3.63	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.08	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1659 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1125 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1125 MS	EPA 200.8
Boron	0.06	0.03		mg/L	12/22/2005 1659 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1125 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1659 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1125 MS	EPA 200.8
Iron	0.72	0.05		mg/L	12/22/2005 1659 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1125 MS	EPA 200.8
Manganese	0.18	0.02		mg/L	12/22/2005 1659 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1059 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1125 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1659 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/22/2005 1125 MS	EPA 200.8
Uranium	0.0043	0.0001		mg/L	12/22/2005 1125 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1125 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1659 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-011
Client Sample ID: 6AQ46-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	12/22/2005 1133 MD	EPA 150.1
Electrical Conductivity	1950	5		µmhos/cm	12/22/2005 1133 MD	SM 2510B
Total Dissolved Solids (180)	1360	10		mg/L	12/22/2005 815 EB	SM 2540
Solids, Total Dissolved (Calc)	1360	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	567	5		mg/L	12/22/2005 1133 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	387	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	12/28/2005 1452 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1550 RM	EPA 353.2
Radium 226	199.8 ± 8.4	0.2		pCi/L	01/10/2006 1845 SH	SM 7500 RA B
Silica as SiO2	7.5	0.1		mg/L	12/22/2005 1703 TC	EPA 200.7
Sodium Adsorption Ratio	7.7	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	692	5		mg/L	12/22/2005 1133 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1133 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1133 MD	SM 2320B
Chloride	16	1		mg/L	12/23/2005 1419 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1133 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	12/23/2005 1351 RM	EPA 353.2
Sulfate	507	1		mg/L	12/23/2005 1419 LK	EPA 300.0
Cations						
Calcium	113	1		mg/L	12/22/2005 1703 TC	EPA 200.7
Magnesium	26	1		mg/L	12/22/2005 1703 TC	EPA 200.7
Potassium	7	1		mg/L	12/22/2005 1703 TC	EPA 200.7
Sodium	348	1		mg/L	12/22/2005 1703 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-011
Client Sample ID: 6AQ46-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.33	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.46	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	10.54	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	5.62	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	2.12	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.18	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	15.13	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	23.06	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	22.35	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.55	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1703 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1136 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1136 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/22/2005 1703 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1136 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1703 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1136 MS	EPA 200.8
Iron	0.23	0.05		mg/L	12/22/2005 1703 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1136 MS	EPA 200.8
Manganese	0.28	0.02		mg/L	12/22/2005 1703 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1102 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1136 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1703 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/22/2005 1136 MS	EPA 200.8
Uranium	1.84	0.0001		mg/L	12/22/2005 1136 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1136 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1703 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-012
Client Sample ID: 6AS47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/22/2005 1144 MD	EPA 150.1
Electrical Conductivity	690	5		µmhos/cm	12/22/2005 1144 MD	SM 2510B
Total Dissolved Solids (180)	450	10		mg/L	12/22/2005 820 EB	SM 2540
Solids, Total Dissolved (Calc)	480	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	114	5		mg/L	12/22/2005 1144 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	142	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1453 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1551 RM	EPA 353.2
Radium 226	67.9 ± 4.8	0.2		pCi/L	01/10/2006 1845 SH	SM 7500 RA B
Silica as SiO2	8.6	0.1		mg/L	12/22/2005 1718 TC	EPA 200.7
Sodium Adsorption Ratio	3.8	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	140	5		mg/L	12/22/2005 1144 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1144 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1144 MD	SM 2320B
Chloride	3	1		mg/L	12/23/2005 1429 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1144 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.17	0.05		mg/L	12/23/2005 1358 RM	EPA 353.2
Sulfate	255	1		mg/L	12/23/2005 1429 LK	EPA 300.0
Cations						
Calcium	43	1		mg/L	12/22/2005 1718 TC	EPA 200.7
Magnesium	9	1		mg/L	12/29/2005 1611 TC	EPA 200.7
Potassium	2	1		mg/L	12/29/2005 1611 TC	EPA 200.7
Sodium	104	1		mg/L	12/22/2005 1718 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-012
Client Sample ID: 6AS47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.29	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.09	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	5.30	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	2.03	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.70	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.04	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	4.35	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	7.40	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	7.70	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.98	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1718 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1139 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1139 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/22/2005 1718 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1139 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1718 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1139 MS	EPA 200.8
Iron	0.76	0.05		mg/L	12/22/2005 1718 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1139 MS	EPA 200.8
Manganese	0.10	0.02		mg/L	12/22/2005 1718 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1113 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1139 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1718 TC	EPA 200.7
Selenium	0.076	0.005		mg/L	12/22/2005 1139 MS	EPA 200.8
Uranium	0.324	0.0001		mg/L	12/22/2005 1139 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1139 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1718 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Project: Cogema Christensen Mine
Collection Date: 12/20/2005
Lab ID: S0512220-013
Date Received: 12/20/2005 4:45:00 PM
Client Sample ID: 6AQ52-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	12/22/2005 1157 MD	EPA 150.1
Electrical Conductivity	2290	5		µmhos/cm	12/22/2005 1157 MD	SM 2510B
Total Dissolved Solids (180)	1620	10		mg/L	12/22/2005 825 EB	SM 2540
Solids, Total Dissolved (Calc)	1570	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	586	5		mg/L	12/22/2005 1157 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	430	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	12/28/2005 1454 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1552 RM	EPA 353.2
Radium 226	186.6 ± 7.9	0.2		pCi/L	01/10/2006 1845 SH	SM 7500 RA B
Silica as SiO2	7.9	0.1		mg/L	12/22/2005 1722 TC	EPA 200.7
Sodium Adsorption Ratio	8.7	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	715	5		mg/L	12/22/2005 1157 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1157 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1157 MD	SM 2320B
Chloride	28	1		mg/L	12/23/2005 1448 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1157 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.12	0.05		mg/L	12/23/2005 1359 RM	EPA 353.2
Sulfate	616	1		mg/L	12/23/2005 1448 LK	EPA 300.0
Cations						
Calcium	126	1		mg/L	12/29/2005 1615 TC	EPA 200.7
Magnesium	28	1		mg/L	12/29/2005 1615 TC	EPA 200.7
Potassium	8	1		mg/L	12/29/2005 1615 TC	EPA 200.7
Sodium	415	1		mg/L	12/29/2005 1615 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Project: Cogema Christensen Mine
Collection Date: 12/20/2005
Lab ID: S0512220-013
Date Received: 12/20/2005 4:45:00 PM
Client Sample ID: 6AQ52-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	11.72	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.78	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	12.81	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	6.26	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	2.33	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.19	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	18.04	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	26.83	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	25.33	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	2.88	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1722 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1148 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1148 MS	EPA 200.8
Boron	0.12	0.03		mg/L	12/22/2005 1722 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1148 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1722 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1148 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/22/2005 1722 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1148 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	12/22/2005 1722 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1114 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1148 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1722 TC	EPA 200.7
Selenium	0.019	0.005		mg/L	12/22/2005 1148 MS	EPA 200.8
Uranium	0.200	0.0001		mg/L	12/22/2005 1148 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/22/2005 1148 MS	EPA 200.8
Zinc	0.01	0.01		mg/L	12/22/2005 1722 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-014
Client Sample ID: AT51-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	12/22/2005 1208 MD	EPA 150.1
Electrical Conductivity	1560	5		µmhos/cm	12/22/2005 1208 MD	SM 2510B
Total Dissolved Solids (180)	1050	10		mg/L	12/22/2005 830 EB	SM 2540
Solids, Total Dissolved (Calc)	1060	10		mg/L	12/30/2005 1519 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/22/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	257	5		mg/L	12/22/2005 1208 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	184	1		mg/L	12/30/2005 1519 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/28/2005 1455 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/21/2005 1553 RM	EPA 353.2
Radium 226	103.5 ± 6.1	0.2		pCi/L	01/10/2006 1845 SH	SM 7500 RA B
Silica as SiO2	9.9	0.1		mg/L	12/22/2005 1726 TC	EPA 200.7
Sodium Adsorption Ratio	9.6	0.1			12/30/2005 1519 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	314	5		mg/L	12/22/2005 1208 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/22/2005 1208 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/22/2005 1208 MD	SM 2320B
Chloride	8	1		mg/L	12/23/2005 1458 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/22/2005 1208 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.13	0.05		mg/L	12/23/2005 1400 RM	EPA 353.2
Sulfate	528	1		mg/L	12/23/2005 1458 LK	EPA 300.0
Cations						
Calcium	55	1		mg/L	12/22/2005 1726 TC	EPA 200.7
Magnesium	11	1		mg/L	12/22/2005 1726 TC	EPA 200.7
Potassium	6	1		mg/L	12/22/2005 1726 TC	EPA 200.7
Sodium	300	1		mg/L	12/22/2005 1726 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/17/2006
Report ID: S0512220001

Work Order: S0512220
Collection Date: 12/20/2005
Date Received: 12/20/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512220-014
Client Sample ID: AT51-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.14	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Chloride	0.22	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Fluoride	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sulfate	10.98	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Calcium	2.76	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Magnesium	0.91	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Potassium	0.14	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Sodium	13.06	0.01		meq/L	12/30/2005 1519 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	16.88	0		meq/L	12/30/2005 1519 KB	SM 1030F
Anion Sum	16.37	0		meq/L	12/30/2005 1519 KB	SM 1030F
Cation-Anion Balance	1.53	0		%	12/30/2005 1519 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/22/2005 1726 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/22/2005 1151 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/22/2005 1151 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/22/2005 1726 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/22/2005 1151 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/22/2005 1726 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/22/2005 1151 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/22/2005 1726 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/22/2005 1151 MS	EPA 200.8
Manganese	0.02	0.02		mg/L	12/22/2005 1726 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/27/2005 1117 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/22/2005 1151 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/22/2005 1726 TC	EPA 200.7
Selenium	0.070	0.005		mg/L	12/22/2005 1151 MS	EPA 200.8
Uranium	1.03	0.0001		mg/L	12/22/2005 1151 MS	EPA 200.8
Vanadium	0.18	0.02		mg/L	12/22/2005 1151 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/22/2005 1726 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories **Date:** *03-Jan-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0512158

CASE NARRATIVE

Report ID: S0512158001

Samples 6M29-1, 6M34-1, 6O26-1, 6P30-2, 6R21-1, 6T17-1, 6T23-4, 6T35-1, 6U20-2, 6V24-1, and NPHW-5 were received on December 14, 2005.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1995
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by [signature] Date 12-14-05 Received by [signature] Date 12-14-05

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
___ Stabilization (explain_____)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~T[redacted]~~
LARRY ARBOGAST

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6M34-1	6-13-05	Half Gal.	X		X		S0512158-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6T35-1		**	**	**	**	**		002
3	6M29-1		**	**	**	**	**		003
4	6O26-1		**	**	**	**	**		004
5	6R24-1		**	**	**	**	**		005
6	NPHW-5		**	**	**	**	**		006
7	6P30-2		**	**	**	**	**		007
8	6T23-4		**	**	**	**	**		008
9	6T17-1		**	**	**	**	**		009
10	6U20-2		**	**	**	**	**		010
11	6V24-1		**	**	**	**	**		011
12			**	**	**	**	**		
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

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Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-001
Client Sample ID: 6M34-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	12/16/2005 1021 MD	EPA 150.1
Electrical Conductivity	416	5		µmhos/cm	12/16/2005 1021 MD	SM 2510B
Total Dissolved Solids (180)	180	10		mg/L	12/16/2005 819 EB	SM 2540
Solids, Total Dissolved (Calc)	240	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	106	5		mg/L	12/16/2005 1021 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	118	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 053 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1517 RM	EPA 353.2
Radium 226	47.9 ± 4.7	0.2		pCi/L	12/28/2005 1627 SH	SM 7500 RA B
Silica as SiO2	11.0	0.1		mg/L	12/22/2005 1337 TC	EPA 200.7
Sodium Adsorption Ratio	1.6	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	129	5		mg/L	12/16/2005 1021 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1021 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1021 MD	SM 2320B
Chloride	1	1		mg/L	12/19/2005 1715 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1021 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1157 RM	EPA 353.2
Sulfate	90	1		mg/L	12/19/2005 1715 LK	EPA 300.0
Cations						
Calcium	39	1		mg/L	12/20/2005 1219 TC	EPA 200.7
Magnesium	5	1		mg/L	12/16/2005 1520 TC	EPA 200.7
Potassium	1	1		mg/L	12/20/2005 1219 TC	EPA 200.7
Sodium	41	1		mg/L	12/20/2005 1219 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-001
Client Sample ID: 6M34-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.12	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	1.88	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.96	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.39	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	1.76	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	4.16	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	4.03	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	1.62	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1520 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1101 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1101 MS	EPA 200.8
Boron	0.06	0.03		mg/L	12/16/2005 1520 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1101 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1520 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1101 MS	EPA 200.8
Iron	0.15	0.05		mg/L	12/16/2005 1520 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1101 MS	EPA 200.8
Manganese	0.19	0.02		mg/L	12/16/2005 1520 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1027 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1101 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1520 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/16/2005 1101 MS	EPA 200.8
Uranium	0.0460	0.0001		mg/L	12/16/2005 1101 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/16/2005 1101 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1520 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-002
Client Sample ID: 6T35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	12/16/2005 1030 MD	EPA 150.1
Electrical Conductivity	748	5		µmhos/cm	12/16/2005 1030 MD	SM 2510B
Total Dissolved Solids (180)	480	10		mg/L	12/16/2005 824 EB	SM 2540
Solids, Total Dissolved (Calc)	480	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	137	5		mg/L	12/16/2005 1030 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	171	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 054 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1518 RM	EPA 353.2
Radium 226	122.9 ± 7.5	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	10.7	0.1		mg/L	12/22/2005 1340 TC	EPA 200.7
Sodium Adsorption Ratio	3.3	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	167	5		mg/L	12/16/2005 1030 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1030 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1030 MD	SM 2320B
Chloride	3	1		mg/L	12/19/2005 1725 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1030 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1158 RM	EPA 353.2
Sulfate	227	1		mg/L	12/19/2005 1725 LK	EPA 300.0
Cations						
Calcium	55	1		mg/L	12/16/2005 1528 TC	EPA 200.7
Magnesium	8	1		mg/L	12/16/2005 1528 TC	EPA 200.7
Potassium	1	1		mg/L	12/20/2005 1223 TC	EPA 200.7
Sodium	99	1		mg/L	12/20/2005 1223 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-002
Client Sample ID: 6T35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.74	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.09	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	4.72	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	2.72	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.69	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	4.28	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	7.74	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	7.56	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	1.15	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1528 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1109 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1109 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/16/2005 1528 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1109 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1528 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1109 MS	EPA 200.8
Iron	0.50	0.05		mg/L	12/16/2005 1528 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1109 MS	EPA 200.8
Manganese	1.01	0.02		mg/L	12/16/2005 1528 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1033 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1109 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1528 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/16/2005 1109 MS	EPA 200.8
Uranium	0.0529	0.0001		mg/L	12/16/2005 1109 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/16/2005 1109 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1528 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-003
Client Sample ID: 6M29-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	12/16/2005 1043 MD	EPA 150.1
Electrical Conductivity	1740	5		µmhos/cm	12/16/2005 1043 MD	SM 2510B
Total Dissolved Solids (180)	1190	10		mg/L	12/16/2005 829 EB	SM 2540
Solids, Total Dissolved (Calc)	1110	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	609	5		mg/L	12/16/2005 1043 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	329	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 055 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1519 RM	EPA 353.2
Radium 226	234.8 ± 9.6	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	7.5	0.1		mg/L	12/22/2005 1356 TC	EPA 200.7
Sodium Adsorption Ratio	7.0	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	743	5		mg/L	12/16/2005 1043 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1043 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1043 MD	SM 2320B
Chloride	18	1		mg/L	12/19/2005 1734 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1043 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1159 RM	EPA 353.2
Sulfate	311	1		mg/L	12/19/2005 1734 LK	EPA 300.0
Cations						
Calcium	97	1		mg/L	12/16/2005 1532 TC	EPA 200.7
Magnesium	21	1		mg/L	12/16/2005 1532 TC	EPA 200.7
Potassium	6	1		mg/L	12/20/2005 1739 TC	EPA 200.7
Sodium	293	1		mg/L	12/16/2005 1532 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-003
Client Sample ID: 6M29-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.18	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.49	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	6.46	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	4.86	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	1.70	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.15	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	12.72	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	19.44	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	19.14	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.77	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1532 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1112 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1112 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1532 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1112 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1532 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1112 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1532 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1112 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	12/16/2005 1532 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1040 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1112 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1532 TC	EPA 200.7
Selenium	0.011	0.005		mg/L	12/16/2005 1112 MS	EPA 200.8
Uranium	6.76	0.0001		mg/L	12/16/2005 1112 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/16/2005 1112 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1532 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-004
Client Sample ID: 6O26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	12/16/2005 1054 MD	EPA 150.1
Electrical Conductivity	331	5		µmhos/cm	12/16/2005 1054 MD	SM 2510B
Total Dissolved Solids (180)	170	10		mg/L	12/16/2005 834 EB	SM 2540
Solids, Total Dissolved (Calc)	210	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	72	5		mg/L	12/16/2005 1054 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	95	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 056 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1520 RM	EPA 353.2
Radium 226	623 ± 16	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	12.1	0.1		mg/L	12/22/2005 1400 TC	EPA 200.7
Sodium Adsorption Ratio	1.4	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	88	5		mg/L	12/16/2005 1054 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1054 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1054 MD	SM 2320B
Chloride	1	1		mg/L	12/22/2005 1531 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1054 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1200 RM	EPA 353.2
Sulfate	93	1		mg/L	12/22/2005 1531 LK	EPA 300.0
Cations						
Calcium	32	1		mg/L	12/20/2005 1231 TC	EPA 200.7
Magnesium	4	1		mg/L	12/20/2005 1231 TC	EPA 200.7
Potassium	ND	1		mg/L	12/20/2005 1231 TC	EPA 200.7
Sodium	32	1		mg/L	12/16/2005 1536 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Project: Cogema Christensen Mine
Collection Date: 12/13/2005
Lab ID: S0512158-004
Date Received: 12/14/2005 4:45:00 PM
Client Sample ID: 6O26-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.43	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	1.94	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.58	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.32	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.01	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	1.32	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	3.31	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	3.41	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	1.49	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1536 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1115 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1115 MS	EPA 200.8
Boron	0.06	0.03		mg/L	12/16/2005 1536 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1115 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1536 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1115 MS	EPA 200.8
Iron	0.21	0.05		mg/L	12/16/2005 1536 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1115 MS	EPA 200.8
Manganese	0.18	0.02		mg/L	12/16/2005 1536 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1043 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1115 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1536 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/16/2005 1115 MS	EPA 200.8
Uranium	0.119	0.0001		mg/L	12/16/2005 1115 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	12/16/2005 1115 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1536 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-005
Client Sample ID: 6R21-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/16/2005 1105 MD	EPA 150.1
Electrical Conductivity	529	5		µmhos/cm	12/16/2005 1105 MD	SM 2510B
Total Dissolved Solids (180)	300	10		mg/L	12/16/2005 839 EB	SM 2540
Solids, Total Dissolved (Calc)	330	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	150	5		mg/L	12/16/2005 1105 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	50	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 057 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1521 RM	EPA 353.2
Radium 226	31.4 ± 3.6	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	6.6	0.1		mg/L	12/22/2005 1404 TC	EPA 200.7
Sodium Adsorption Ratio	6.3	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	183	5		mg/L	12/16/2005 1105 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1105 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1105 MD	SM 2320B
Chloride	5	1		mg/L	12/22/2005 1629 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	12/16/2005 1105 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1201 RM	EPA 353.2
Sulfate	111	1		mg/L	12/22/2005 1629 LK	EPA 300.0
Cations						
Calcium	15	1		mg/L	12/20/2005 1235 TC	EPA 200.7
Magnesium	3	1		mg/L	12/20/2005 1235 TC	EPA 200.7
Potassium	2	1		mg/L	12/20/2005 1235 TC	EPA 200.7
Sodium	102	1		mg/L	12/20/2005 1235 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-005
Client Sample ID: 6R21-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.00	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.15	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	2.30	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	0.75	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.24	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.04	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	4.44	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	5.49	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	5.46	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.26	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1552 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1118 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1118 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1552 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1118 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1552 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1118 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1552 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1118 MS	EPA 200.8
Manganese	0.03	0.02		mg/L	12/16/2005 1552 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1045 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1118 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1552 TC	EPA 200.7
Selenium	0.033	0.005		mg/L	12/16/2005 1118 MS	EPA 200.8
Uranium	0.383	0.0001		mg/L	12/16/2005 1118 MS	EPA 200.8
Vanadium	0.05	0.02		mg/L	12/16/2005 1118 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1552 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-006
Client Sample ID: NPHW-5
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	12/16/2005 1116 MD	EPA 150.1
Electrical Conductivity	838	5		µmhos/cm	12/16/2005 1116 MD	SM 2510B
Total Dissolved Solids (180)	520	10		mg/L	12/16/2005 844 EB	SM 2540
Solids, Total Dissolved (Calc)	550	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	326	5		mg/L	12/16/2005 1116 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	125	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 058 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1522 RM	EPA 353.2
Radium 226	186.4 ± 8.7	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	7.1	0.1		mg/L	12/22/2005 1408 TC	EPA 200.7
Sodium Adsorption Ratio	6.3	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	398	5		mg/L	12/16/2005 1116 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1116 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1116 MD	SM 2320B
Chloride	9	1		mg/L	12/22/2005 1639 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/16/2005 1116 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1203 RM	EPA 353.2
Sulfate	133	1		mg/L	12/22/2005 1639 LK	EPA 300.0
Cations						
Calcium	38	1		mg/L	12/20/2005 1251 TC	EPA 200.7
Magnesium	8	1		mg/L	12/20/2005 1251 TC	EPA 200.7
Potassium	4	1		mg/L	12/20/2005 1251 TC	EPA 200.7
Sodium	162	1		mg/L	12/20/2005 1251 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-006
Client Sample ID: NPHW-5
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.52	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.24	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	2.76	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.87	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.61	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.09	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	7.05	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	9.63	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	9.53	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.51	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1556 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1121 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1121 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1556 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1121 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1556 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1121 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1556 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1121 MS	EPA 200.8
Manganese	0.06	0.02		mg/L	12/16/2005 1556 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1047 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1121 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1556 TC	EPA 200.7
Selenium	0.314	0.005		mg/L	12/16/2005 1121 MS	EPA 200.8
Uranium	0.992	0.0001		mg/L	12/16/2005 1121 MS	EPA 200.8
Vanadium	0.16	0.02		mg/L	12/16/2005 1121 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1556 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-007
Client Sample ID: 6P30-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	12/16/2005 1127 MD	EPA 150.1
Electrical Conductivity	524	5		µmhos/cm	12/16/2005 1127 MD	SM 2510B
Total Dissolved Solids (180)	320	10		mg/L	12/16/2005 849 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	179	5		mg/L	12/16/2005 1127 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	70	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 105 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1523 RM	EPA 353.2
Radium 226	87.0 ± 6.1	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	5.2	0.1		mg/L	12/22/2005 1412 TC	EPA 200.7
Sodium Adsorption Ratio	4.9	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	218	5		mg/L	12/16/2005 1127 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1127 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1127 MD	SM 2320B
Chloride	6	1		mg/L	12/22/2005 1648 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	12/16/2005 1127 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1210 RM	EPA 353.2
Sulfate	88	1		mg/L	12/22/2005 1648 LK	EPA 300.0
Cations						
Calcium	21	1		mg/L	12/20/2005 1254 TC	EPA 200.7
Magnesium	4	1		mg/L	12/20/2005 1254 TC	EPA 200.7
Potassium	2	1		mg/L	12/20/2005 1254 TC	EPA 200.7
Sodium	94	1		mg/L	12/20/2005 1254 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-007
Client Sample ID: 6P30-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.57	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.17	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	1.83	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.06	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.33	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.05	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	4.10	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	5.56	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	5.59	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.26	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1559 TC	EPA 200.7
Arsenic	0.016	0.005		mg/L	12/16/2005 1124 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1124 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1559 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1124 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1559 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1124 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1559 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1124 MS	EPA 200.8
Manganese	0.03	0.02		mg/L	12/16/2005 1559 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1049 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1124 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1559 TC	EPA 200.7
Selenium	0.478	0.005		mg/L	12/16/2005 1124 MS	EPA 200.8
Uranium	0.495	0.0001		mg/L	12/16/2005 1124 MS	EPA 200.8
Vanadium	0.26	0.02		mg/L	12/16/2005 1124 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1559 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-008
Client Sample ID: 6T23-4
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	12/16/2005 1137 MD	EPA 150.1
Electrical Conductivity	814	5		µmhos/cm	12/16/2005 1137 MD	SM 2510B
Total Dissolved Solids (180)	500	10		mg/L	12/16/2005 854 EB	SM 2540
Solids, Total Dissolved (Calc)	540	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	254	5		mg/L	12/16/2005 1137 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	153	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 106 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1524 RM	EPA 353.2
Radium 226	211.3 ± 9.5	0.2		pCi/L	12/28/2005 1938 SH	SM 7500 RA B
Silica as SiO2	7.0	0.1		mg/L	12/22/2005 1415 TC	EPA 200.7
Sodium Adsorption Ratio	4.8	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	310	5		mg/L	12/16/2005 1137 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1137 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1137 MD	SM 2320B
Chloride	9	1		mg/L	12/22/2005 1658 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1137 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1211 RM	EPA 353.2
Sulfate	184	1		mg/L	12/22/2005 1658 LK	EPA 300.0
Cations						
Calcium	47	1		mg/L	12/16/2005 1603 TC	EPA 200.7
Magnesium	9	1		mg/L	12/16/2005 1603 TC	EPA 200.7
Potassium	2	1		mg/L	12/16/2005 1603 TC	EPA 200.7
Sodium	138	1		mg/L	12/16/2005 1603 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-008
Client Sample ID: 6T23-4
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.08	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.26	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	3.82	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	2.29	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.70	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	5.76	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	9.09	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	9.18	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.48	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1603 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1127 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1127 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/16/2005 1603 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1127 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1603 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1127 MS	EPA 200.8
Iron	0.61	0.05		mg/L	12/16/2005 1603 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1127 MS	EPA 200.8
Manganese	0.87	0.02		mg/L	12/16/2005 1603 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1051 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1127 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1603 TC	EPA 200.7
Selenium	0.006	0.005		mg/L	12/16/2005 1127 MS	EPA 200.8
Uranium	0.0493	0.0001		mg/L	12/16/2005 1127 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/16/2005 1127 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1603 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-009
Client Sample ID: 6T17-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	12/16/2005 1148 MD	EPA 150.1
Electrical Conductivity	806	5		µmhos/cm	12/16/2005 1148 MD	SM 2510B
Total Dissolved Solids (180)	490	10		mg/L	12/16/2005 904 EB	SM 2540
Solids, Total Dissolved (Calc)	510	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	350	5		mg/L	12/16/2005 1148 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	90	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 107 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1525 RM	EPA 353.2
Radium 226	50.1 ± 4.0	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	6.2	0.1		mg/L	12/22/2005 1423 TC	EPA 200.7
Sodium Adsorption Ratio	7.7	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	427	5		mg/L	12/16/2005 1148 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1148 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1148 MD	SM 2320B
Chloride	4	1		mg/L	12/22/2005 1708 LK	EPA 300.0
Fluoride	0.2	0.1		mg/L	12/16/2005 1148 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1212 RM	EPA 353.2
Sulfate	90	1		mg/L	12/22/2005 1708 LK	EPA 300.0
Cations						
Calcium	27	1		mg/L	12/20/2005 1302 TC	EPA 200.7
Magnesium	6	1		mg/L	12/20/2005 1302 TC	EPA 200.7
Potassium	4	1		mg/L	12/20/2005 1302 TC	EPA 200.7
Sodium	169	1		mg/L	12/20/2005 1302 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-009
Client Sample ID: 6T17-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.99	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.11	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	1.86	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.33	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.47	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.09	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	7.34	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	9.24	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	8.98	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	1.43	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1607 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1129 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1129 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1607 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1129 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1607 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1129 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1607 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1129 MS	EPA 200.8
Manganese	0.10	0.02		mg/L	12/16/2005 1607 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1053 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1129 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1607 TC	EPA 200.7
Selenium	0.048	0.005		mg/L	12/16/2005 1129 MS	EPA 200.8
Uranium	3.97	0.0001		mg/L	12/16/2005 1129 MS	EPA 200.8
Vanadium	0.05	0.02		mg/L	12/16/2005 1129 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1607 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-010
Client Sample ID: 6U20-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	12/16/2005 1159 MD	EPA 150.1
Electrical Conductivity	632	5		µmhos/cm	12/16/2005 1159 MD	SM 2510B
Total Dissolved Solids (180)	380	10		mg/L	12/16/2005 909 EB	SM 2540
Solids, Total Dissolved (Calc)	390	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	249	5		mg/L	12/16/2005 1159 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	78	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 108 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1526 RM	EPA 353.2
Radium 226	44.7 ± 3.8	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	5.4	0.1		mg/L	12/22/2005 1427 TC	EPA 200.7
Sodium Adsorption Ratio	6.0	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	303	5		mg/L	12/16/2005 1159 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1159 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1159 MD	SM 2320B
Chloride	5	1		mg/L	12/22/2005 1717 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1159 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1213 RM	EPA 353.2
Sulfate	86	1		mg/L	12/22/2005 1717 LK	EPA 300.0
Cations						
Calcium	24	1		mg/L	12/20/2005 1306 TC	EPA 200.7
Magnesium	4	1		mg/L	12/20/2005 1306 TC	EPA 200.7
Potassium	3	1		mg/L	12/20/2005 1306 TC	EPA 200.7
Sodium	122	1		mg/L	12/20/2005 1306 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-010
Client Sample ID: 6U20-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.97	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.14	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	1.77	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	1.19	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.36	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.07	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	5.28	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	6.91	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	6.90	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.09	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1611 TC	EPA 200.7
Arsenic	0.006	0.005		mg/L	12/16/2005 1132 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1132 MS	EPA 200.8
Boron	0.07	0.03		mg/L	12/16/2005 1611 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1132 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1611 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1132 MS	EPA 200.8
Iron	ND	0.05		mg/L	12/16/2005 1611 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1132 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	12/16/2005 1611 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1055 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1132 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1611 TC	EPA 200.7
Selenium	0.059	0.005		mg/L	12/16/2005 1132 MS	EPA 200.8
Uranium	0.820	0.0001		mg/L	12/16/2005 1132 MS	EPA 200.8
Vanadium	0.27	0.02		mg/L	12/16/2005 1132 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1611 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-011
Client Sample ID: 6V24-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.3	0.1		s.u.	12/16/2005 1231 MD	EPA 150.1
Electrical Conductivity	300	5		µmhos/cm	12/16/2005 1231 MD	SM 2510B
Total Dissolved Solids (180)	190	10		mg/L	12/16/2005 914 EB	SM 2540
Solids, Total Dissolved (Calc)	190	10		mg/L	12/23/2005 951 MD	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	12/19/2005 000 MD	SM 2310B
Alkalinity, Total (As CaCO3)	25	5		mg/L	12/16/2005 1231 MD	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	37	1		mg/L	12/23/2005 951 MD	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	12/22/2005 109 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	12/15/2005 1527 RM	EPA 353.2
Radium 226	180.0 ± 7.7	0.2		pCi/L	12/30/2005 1523 SH	SM 7500 RA B
Silica as SiO2	17.3	0.1		mg/L	12/22/2005 1431 TC	EPA 200.7
Sodium Adsorption Ratio	3.5	0.1			12/23/2005 951 MD	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	30	5		mg/L	12/16/2005 1231 MD	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	12/16/2005 1231 MD	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	12/16/2005 1231 MD	SM 2320B
Chloride	1	1		mg/L	12/22/2005 1727 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	12/16/2005 1231 MD	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	12/20/2005 1214 RM	EPA 353.2
Sulfate	113	1		mg/L	12/22/2005 1727 LK	EPA 300.0
Cations						
Calcium	11	1		mg/L	12/20/2005 1310 TC	EPA 200.7
Magnesium	2	1		mg/L	12/20/2005 1310 TC	EPA 200.7
Potassium	ND	1		mg/L	12/20/2005 1310 TC	EPA 200.7
Sodium	49	1		mg/L	12/16/2005 1615 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 1/3/2006
Report ID: S0512158001

Work Order: S0512158
Collection Date: 12/13/2005
Date Received: 12/14/2005 4:45:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0512158-011
Client Sample ID: 6V24-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.49	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Chloride	0.03	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Fluoride	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sulfate	2.35	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Calcium	0.56	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Magnesium	0.16	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Potassium	0.02	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Sodium	1.93	0.01		meq/L	12/23/2005 951 MD	SM 1030F
Cation / Anion Balance						
Cation Sum	2.88	0		meq/L	12/23/2005 951 MD	SM 1030F
Anion Sum	2.88	0		meq/L	12/23/2005 951 MD	SM 1030F
Cation-Anion Balance	0.01	0		%	12/23/2005 951 MD	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	12/16/2005 1615 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	12/16/2005 1221 MS	EPA 200.8
Barium	ND	0.5		mg/L	12/16/2005 1221 MS	EPA 200.8
Boron	0.08	0.03		mg/L	12/16/2005 1615 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	12/16/2005 1221 MS	EPA 200.8
Chromium	ND	0.01		mg/L	12/16/2005 1615 TC	EPA 200.7
Copper	ND	0.01		mg/L	12/16/2005 1221 MS	EPA 200.8
Iron	0.40	0.05		mg/L	12/16/2005 1615 TC	EPA 200.7
Lead	ND	0.02		mg/L	12/16/2005 1221 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	12/16/2005 1615 TC	EPA 200.7
Mercury	ND	0.001		mg/L	12/20/2005 1057 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	12/16/2005 1221 MS	EPA 200.8
Nickel	ND	0.01		mg/L	12/16/2005 1615 TC	EPA 200.7
Selenium	ND	0.005		mg/L	12/16/2005 1221 MS	EPA 200.8
Uranium	0.0045	0.0001		mg/L	12/16/2005 1221 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	12/16/2005 1221 MS	EPA 200.8
Zinc	ND	0.01		mg/L	12/16/2005 1615 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by J. Richards Date 3/22/06 Received by Karen Hoerch Date 3/22/06

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6e Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain round 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom nicholson~~
Larry Rokogai

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Comments
1	6AG64-2	3/22/06	Half Gal.	X		X		50603280-001
			Quart	X				"
			8 ozs.		X			"
			8 ozs.	X			X	"
2	6AL54-2		**	**	**	**	**	002
3	6U20-2		**	**	**	**	**	003
4	6V24-1		**	**	**	**	**	004
5	NPHW-1		**	**	**	**	**	005
6	NPHW-2		**	**	**	**	**	006
7	NPHW-5		**	**	**	**	**	007
8			**	**	**	**	**	
9			**	**	**	**	**	
10			**	**	**	**	**	
11			**	**	**	**	**	
12			**	**	**	**	**	
13			**	**	**	**	**	
14			**	**	**	**	**	
15			**	**	**	**	**	

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1 L:\LARRY\[pvdsub.xls]pvdsub

Inter-Mountain Laboratories **Date:** *13-Apr-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0603280

CASE NARRATIVE

Report ID: S0603280001

Samples 6AG64-2, 6AL54-2, 6U20-2, 6V24-1, NPHW-1, NPHW-2, and NPHW-5 were received on March 22, 2006.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-001
Client Sample ID: 6AG64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	03/26/2006 1604 WN	EPA 150.1
Electrical Conductivity	703	5		µmhos/cm	03/26/2006 1604 WN	SM 2510B
Total Dissolved Solids (180)	480	10		mg/L	03/24/2006 745 EB	SM 2540
Solids, Total Dissolved (Calc)	490	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	75	5		mg/L	03/26/2006 1604 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	225	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1149 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 936 RM	EPA 353.2
Radium 226	179.7 ± 8.0	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	8.6	0.1		mg/L	03/24/2006 1244 TC	EPA 200.7
Sodium Adsorption Ratio	1.8	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	92	5		mg/L	03/26/2006 1604 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1604 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1604 WN	SM 2320B
Chloride	1	1		mg/L	03/30/2006 816 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1604 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	03/23/2006 1551 RM	EPA 353.2
Sulfate	296	1		mg/L	03/30/2006 816 LK	EPA 300.0
Cations						
Calcium	76	1		mg/L	03/24/2006 1244 TC	EPA 200.7
Magnesium	8	1		mg/L	03/24/2006 1244 TC	EPA 200.7
Potassium	1	1		mg/L	03/24/2006 1244 TC	EPA 200.7
Sodium	61	1		mg/L	03/24/2006 1244 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-001
Client Sample ID: 6AG64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.50	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.04	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	6.16	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	3.80	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.69	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.02	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	2.65	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	7.18	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	7.72	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	3.60	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1244 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1305 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1305 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/24/2006 1244 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1305 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1244 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1305 MS	EPA 200.8
Iron	0.56	0.05		mg/L	03/24/2006 1244 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1305 MS	EPA 200.8
Manganese	0.40	0.02		mg/L	03/24/2006 1244 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1136 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1305 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1244 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1305 MS	EPA 200.8
Uranium	0.0973	0.0001		mg/L	03/28/2006 1305 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1305 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1244 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-002
Client Sample ID: 6AL54-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	03/26/2006 1615 WN	EPA 150.1
Electrical Conductivity	623	5		µmhos/cm	03/26/2006 1615 WN	SM 2510B
Total Dissolved Solids (180)	390	10		mg/L	03/24/2006 749 EB	SM 2540
Solids, Total Dissolved (Calc)	400	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	164	5		mg/L	03/26/2006 1615 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	97	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1150 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 937 RM	EPA 353.2
Radium 226	82.9 ± 5.3	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	11.9	0.1		mg/L	03/24/2006 1247 TC	EPA 200.7
Sodium Adsorption Ratio	4.6	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	200	5		mg/L	03/26/2006 1615 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1615 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1615 WN	SM 2320B
Chloride	6	1		mg/L	03/30/2006 826 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1615 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	03/23/2006 1552 RM	EPA 353.2
Sulfate	151	1		mg/L	03/30/2006 826 LK	EPA 300.0
Cations						
Calcium	30	1		mg/L	03/24/2006 1247 TC	EPA 200.7
Magnesium	6	1		mg/L	03/24/2006 1247 TC	EPA 200.7
Potassium	1	1		mg/L	03/24/2006 1247 TC	EPA 200.7
Sodium	104	1		mg/L	03/24/2006 1247 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-002
Client Sample ID: 6AL54-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.27	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.17	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	3.14	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	1.47	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.46	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.03	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	4.53	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	6.51	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	6.59	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	0.60	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1247 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1308 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1308 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/24/2006 1247 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1308 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1247 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1308 MS	EPA 200.8
Iron	0.28	0.05		mg/L	03/24/2006 1247 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1308 MS	EPA 200.8
Manganese	0.18	0.02		mg/L	03/24/2006 1247 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1137 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1308 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1247 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1308 MS	EPA 200.8
Uranium	0.361	0.0001		mg/L	03/28/2006 1308 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1308 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1247 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-003
Client Sample ID: 6U20-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	03/26/2006 1625 WN	EPA 150.1
Electrical Conductivity	706	5		µmhos/cm	03/26/2006 1625 WN	SM 2510B
Total Dissolved Solids (180)	430	10		mg/L	03/24/2006 753 EB	SM 2540
Solids, Total Dissolved (Calc)	440	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	274	5		mg/L	03/26/2006 1625 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	86	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/23/2006 1157 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 938 RM	EPA 353.2
Radium 226	88.0 ± 5.5	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	5.6	0.1		mg/L	03/24/2006 1251 TC	EPA 200.7
Sodium Adsorption Ratio	6.4	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	331	5		mg/L	03/26/2006 1625 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1625 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1625 WN	SM 2320B
Chloride	6	1		mg/L	03/30/2006 836 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1625 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	03/23/2006 1553 RM	EPA 353.2
Sulfate	96	1		mg/L	03/30/2006 836 LK	EPA 300.0
Cations						
Calcium	26	1		mg/L	03/24/2006 1251 TC	EPA 200.7
Magnesium	5	1		mg/L	03/24/2006 1251 TC	EPA 200.7
Potassium	3	1		mg/L	03/24/2006 1251 TC	EPA 200.7
Sodium	137	1		mg/L	03/24/2006 1251 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-003
Client Sample ID: 6U20-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.42	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	0.06	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.16	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	1.98	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	1.30	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.40	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.08	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	5.96	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	7.76	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	7.63	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	0.79	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1251 TC	EPA 200.7
Arsenic	0.005	0.005		mg/L	03/28/2006 1311 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1311 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/24/2006 1251 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1311 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1251 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1311 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/24/2006 1251 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1311 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	03/24/2006 1251 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1139 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1311 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1251 TC	EPA 200.7
Selenium	0.071	0.005		mg/L	03/28/2006 1311 MS	EPA 200.8
Uranium	1.84	0.0001		mg/L	03/28/2006 1311 MS	EPA 200.8
Vanadium	0.28	0.02		mg/L	03/28/2006 1311 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1251 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-004
Client Sample ID: 6V24-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	03/26/2006 1636 WN	EPA 150.1
Electrical Conductivity	308	5		µmhos/cm	03/26/2006 1636 WN	SM 2510B
Total Dissolved Solids (180)	200	10		mg/L	03/24/2006 757 EB	SM 2540
Solids, Total Dissolved (Calc)	190	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	32	5		mg/L	03/26/2006 1636 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	35	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1158 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 939 RM	EPA 353.2
Radium 226	119.5 ± 6.3	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	15.8	0.1		mg/L	03/24/2006 1254 TC	EPA 200.7
Sodium Adsorption Ratio	3.5	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	39	5		mg/L	03/26/2006 1636 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1636 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1636 WN	SM 2320B
Chloride	1	1		mg/L	03/30/2006 914 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1636 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	03/23/2006 1554 RM	EPA 353.2
Sulfate	107	1		mg/L	03/30/2006 914 LK	EPA 300.0
Cations						
Calcium	11	1		mg/L	03/24/2006 1254 TC	EPA 200.7
Magnesium	2	1		mg/L	03/24/2006 1254 TC	EPA 200.7
Potassium	ND	1		mg/L	03/24/2006 1254 TC	EPA 200.7
Sodium	48	1		mg/L	03/24/2006 1254 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Project: Cogema Christensen Mine
Collection Date: 3/22/2006
Lab ID: S0603280-004
Date Received: 3/22/2006 5:00 PM
Client Sample ID: 6V24-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.63	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.03	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	2.22	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	0.53	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.17	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.02	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	2.07	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	2.80	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	2.90	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	1.74	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1254 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1314 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1314 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/24/2006 1254 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1314 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1254 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1314 MS	EPA 200.8
Iron	0.37	0.05		mg/L	03/24/2006 1254 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1314 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	03/24/2006 1254 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1145 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1314 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1254 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1314 MS	EPA 200.8
Uranium	0.0036	0.0001		mg/L	03/28/2006 1314 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1314 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1254 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-005
Client Sample ID: NPHW-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	03/26/2006 1648 WN	EPA 150.1
Electrical Conductivity	1130	5		µmhos/cm	03/26/2006 1648 WN	SM 2510B
Total Dissolved Solids (180)	700	10		mg/L	03/24/2006 801 EB	SM 2540
Solids, Total Dissolved (Calc)	710	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	476	5		mg/L	03/26/2006 1648 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	179	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1159 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 940 RM	EPA 353.2
Radium 226	207.5 ± 8.3	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	8.5	0.1		mg/L	03/24/2006 1258 TC	EPA 200.7
Sodium Adsorption Ratio	6.9	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	574	5		mg/L	03/26/2006 1648 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1648 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1648 WN	SM 2320B
Chloride	8	1		mg/L	03/30/2006 924 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1648 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	03/23/2006 1555 RM	EPA 353.2
Sulfate	139	1		mg/L	03/30/2006 924 LK	EPA 300.0
Cations						
Calcium	53	1		mg/L	03/24/2006 1258 TC	EPA 200.7
Magnesium	11	1		mg/L	03/24/2006 1258 TC	EPA 200.7
Potassium	5	1		mg/L	03/24/2006 1258 TC	EPA 200.7
Sodium	211	1		mg/L	03/24/2006 1258 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-005
Client Sample ID: NPHW-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	9.41	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	0.10	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.21	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	2.89	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	2.63	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.93	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.13	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	9.17	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	12.89	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	12.63	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	1.02	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1258 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1317 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1317 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/24/2006 1258 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1317 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1258 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1317 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/24/2006 1258 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1317 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	03/24/2006 1258 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1146 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1317 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1258 TC	EPA 200.7
Selenium	0.093	0.005		mg/L	03/28/2006 1317 MS	EPA 200.8
Uranium	0.857	0.0001		mg/L	03/28/2006 1317 MS	EPA 200.8
Vanadium	0.13	0.02		mg/L	03/28/2006 1317 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1258 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-006
Client Sample ID: NPHW-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/26/2006 1659 WN	EPA 150.1
Electrical Conductivity	1640	5		µmhos/cm	03/26/2006 1659 WN	SM 2510B
Total Dissolved Solids (180)	1100	10		mg/L	03/24/2006 805 EB	SM 2540
Solids, Total Dissolved (Calc)	1130	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	433	5		mg/L	03/26/2006 1659 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	261	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1200 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 941 RM	EPA 353.2
Radium 226	589 ± 15	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	8.4	0.1		mg/L	03/24/2006 1301 TC	EPA 200.7
Sodium Adsorption Ratio	7.9	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	529	5		mg/L	03/26/2006 1659 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1659 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1659 WN	SM 2320B
Chloride	23	1		mg/L	03/30/2006 933 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/26/2006 1659 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	03/23/2006 1556 RM	EPA 353.2
Sulfate	452	1		mg/L	03/30/2006 933 LK	EPA 300.0
Cations						
Calcium	75	1		mg/L	03/24/2006 1301 TC	EPA 200.7
Magnesium	18	1		mg/L	03/24/2006 1301 TC	EPA 200.7
Potassium	6	1		mg/L	03/24/2006 1301 TC	EPA 200.7
Sodium	293	1		mg/L	03/24/2006 1301 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-006
Client Sample ID: NPHW-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	8.66	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.64	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	9.40	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	3.75	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	1.47	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.16	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	12.76	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	18.15	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	18.72	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	1.54	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1301 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1320 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1320 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/24/2006 1301 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1320 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1301 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1320 MS	EPA 200.8
Iron	0.08	0.05		mg/L	03/24/2006 1301 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1320 MS	EPA 200.8
Manganese	0.20	0.02		mg/L	03/24/2006 1301 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1149 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1320 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1301 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1320 MS	EPA 200.8
Uranium	1.66	0.0001		mg/L	03/28/2006 1320 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	03/28/2006 1320 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1301 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-007
Client Sample ID: NPHW-5
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	03/26/2006 1711 WN	EPA 150.1
Electrical Conductivity	791	5		µmhos/cm	03/26/2006 1711 WN	SM 2510B
Total Dissolved Solids (180)	500	10		mg/L	03/24/2006 809 EB	SM 2540
Solids, Total Dissolved (Calc)	500	10		mg/L	03/31/2006 1056 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/31/2006 938 WN	SM 2310B
Alkalinity, Total (As CaCO3)	298	5		mg/L	03/26/2006 1711 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	105	1		mg/L	03/31/2006 1056 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1201 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 942 RM	EPA 353.2
Radium 226	164.9 ± 7.6	0.2		pCi/L	04/03/2006 1929 SH	SM 7500 RA B
Silica as SiO2	7.1	0.1		mg/L	03/24/2006 1308 TC	EPA 200.7
Sodium Adsorption Ratio	6.4	0.1			03/31/2006 1056 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	360	5		mg/L	03/26/2006 1711 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/26/2006 1711 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/26/2006 1711 WN	SM 2320B
Chloride	7	1		mg/L	03/30/2006 943 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/26/2006 1711 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.10	0.05		mg/L	03/23/2006 1557 RM	EPA 353.2
Sulfate	118	1		mg/L	03/30/2006 943 LK	EPA 300.0
Cations						
Calcium	32	1		mg/L	03/24/2006 1308 TC	EPA 200.7
Magnesium	6	1		mg/L	03/24/2006 1308 TC	EPA 200.7
Potassium	3	1		mg/L	03/24/2006 1308 TC	EPA 200.7
Sodium	152	1		mg/L	03/24/2006 1308 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603280001

Work Order: S0603280
Collection Date: 3/22/2006
Date Received: 3/22/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603280-007
Client Sample ID: NPHW-5
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.90	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Carbonate as CO3	0.05	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Chloride	0.20	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sulfate	2.46	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Calcium	1.57	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Magnesium	0.52	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Potassium	0.08	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Sodium	6.62	0.01		meq/L	03/31/2006 1056 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	8.81	0		meq/L	03/31/2006 1056 WN	SM 1030F
Anion Sum	8.63	0		meq/L	03/31/2006 1056 WN	SM 1030F
Cation-Anion Balance	0.99	0		%	03/31/2006 1056 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/24/2006 1308 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1323 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1323 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/24/2006 1308 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1323 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/24/2006 1308 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1323 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/24/2006 1308 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1323 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	03/24/2006 1308 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1151 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1323 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/24/2006 1308 TC	EPA 200.7
Selenium	0.225	0.005		mg/L	03/28/2006 1323 MS	EPA 200.8
Uranium	0.738	0.0001		mg/L	03/28/2006 1323 MS	EPA 200.8
Vanadium	0.12	0.02		mg/L	03/28/2006 1323 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/24/2006 1308 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by J. Richards Date 3/21/06 Received by Karen Abbott Date 3/21/06 1700

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) ____

Restoration Phase: ___ Groundwater Sweep (explain ____)
___ Reverse Osmosis Filtration (explain ____)
___ Recirculation (explain ____)
X Stabilization (explain Round 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : Tom nicholson

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6T17-1	3/21/06	Half Gal.	X		X		S0603265-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		" ~~0072~~ M2
2	6R21-1		**	**	**	**	**		0082
3	6M29-1		**	**	**	**	**		0083
4	6O26-1		**	**	**	**	**		0084
5	6M34-1		**	**	**	**	**		0085
6	6T23-4		**	**	**	**	**		0086
7	6T35-1		**	**	**	**	**		0087
8	~~6T23-4~~		**	**	**	**	**		~~009~~
9	6P30-2		**	**	**	**	**		68 ~~070~~
10			**	**	**	**	**		
11			**	**	**	**	**		
12			**	**	**	**	**		
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1 L:\LARRY\[pvdsub.xls]pvdsub

Inter-Mountain Laboratories

Date: *13-Apr-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0603265

CASE NARRATIVE

Report ID: S0603265001

Samples 6M29-1, 6M34-1, 6O-26-1, 6P30-2, 6R21-1, 6T17-1, 6T23-4, and 6T35-1 were received on March 21, 2006.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-001
Client Sample ID: 6T17-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/24/2006 1621 WN	EPA 150.1
Electrical Conductivity	869	5		µmhos/cm	03/24/2006 1621 WN	SM 2510B
Total Dissolved Solids (180)	560	10		mg/L	03/23/2006 758 EB	SM 2540
Solids, Total Dissolved (Calc)	540	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	376	5		mg/L	03/24/2006 1621 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	97	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1141 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 923 RM	EPA 353.2
Radium 226	118.9 ± 5.8	0.2		pCi/L	03/30/2006 1927 SH	SM 7500 RA B
Silica as SiO2	6.0	0.1		mg/L	03/23/2006 1213 TC	EPA 200.7
Sodium Adsorption Ratio	7.8	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	459	5		mg/L	03/24/2006 1621 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1621 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1621 WN	SM 2320B
Chloride	6	1		mg/L	03/27/2006 1404 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/24/2006 1621 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/23/2006 1536 RM	EPA 353.2
Sulfate	87	1		mg/L	03/27/2006 1404 LK	EPA 300.0
Cations						
Calcium	28	1		mg/L	03/23/2006 1213 TC	EPA 200.7
Magnesium	6	1		mg/L	03/23/2006 1213 TC	EPA 200.7
Potassium	4	1		mg/L	03/23/2006 1213 TC	EPA 200.7
Sodium	176	1		mg/L	03/23/2006 1213 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-001
Client Sample ID: 6T17-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.52	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.17	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	1.82	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	1.41	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.52	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.10	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	7.65	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	9.70	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	9.52	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	0.94	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1213 TC	EPA 200.7
Arsenic	0.005	0.005		mg/L	03/28/2006 1225 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1225 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1213 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1225 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1213 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1225 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 1213 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1225 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	03/23/2006 1213 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1111 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1225 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1213 TC	EPA 200.7
Selenium	0.082	0.005		mg/L	03/28/2006 1225 MS	EPA 200.8
Uranium	4.28	0.0001		mg/L	03/28/2006 1225 MS	EPA 200.8
Vanadium	0.10	0.02		mg/L	03/28/2006 1225 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1213 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-002
Client Sample ID: 6R21-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/24/2006 1631 WN	EPA 150.1
Electrical Conductivity	530	5		µmhos/cm	03/24/2006 1631 WN	SM 2510B
Total Dissolved Solids (180)	330	10		mg/L	03/23/2006 802 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	163	5		mg/L	03/24/2006 1631 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	46	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1142 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 924 RM	EPA 353.2
Radium 226	30.4 ± 2.9	0.2		pCi/L	03/30/2006 1927 SH	SM 7500 RA B
Silica as SiO2	6.5	0.1		mg/L	03/23/2006 1230 TC	EPA 200.7
Sodium Adsorption Ratio	6.6	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	199	5		mg/L	03/24/2006 1631 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1631 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1631 WN	SM 2320B
Chloride	6	1		mg/L	03/27/2006 1433 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/24/2006 1631 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/23/2006 1537 RM	EPA 353.2
Sulfate	96	1		mg/L	03/27/2006 1433 LK	EPA 300.0
Cations						
Calcium	14	1		mg/L	03/23/2006 1230 TC	EPA 200.7
Magnesium	3	1		mg/L	03/23/2006 1230 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1230 TC	EPA 200.7
Sodium	103	1		mg/L	03/23/2006 1230 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-002
Client Sample ID: 6R21-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.25	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.16	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	1.99	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	0.68	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.23	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	4.49	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	5.46	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	5.42	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	0.38	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1230 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1228 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1228 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 1230 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1228 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1230 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1228 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 1230 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1228 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	03/23/2006 1230 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1112 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1228 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1230 TC	EPA 200.7
Selenium	0.022	0.005		mg/L	03/28/2006 1228 MS	EPA 200.8
Uranium	0.291	0.0001		mg/L	03/28/2006 1228 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	03/28/2006 1228 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1230 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-003
Client Sample ID: 6M29-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/24/2006 1644 WN	EPA 150.1
Electrical Conductivity	2030	5		µmhos/cm	03/24/2006 1644 WN	SM 2510B
Total Dissolved Solids (180)	1440	10		mg/L	03/23/2006 806 EB	SM 2540
Solids, Total Dissolved (Calc)	1370	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	684	5		mg/L	03/24/2006 1644 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	423	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/23/2006 1143 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 925 RM	EPA 353.2
Radium 226	309.7 ± 9.4	0.2		pCi/L	03/30/2006 1927 SH	SM 7500 RA B
Silica as SiO2	7.8	0.1		mg/L	03/23/2006 1233 TC	EPA 200.7
Sodium Adsorption Ratio	7.2	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	834	5		mg/L	03/24/2006 1644 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1644 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1644 WN	SM 2320B
Chloride	31	1		mg/L	03/27/2006 1447 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/24/2006 1644 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/23/2006 1538 RM	EPA 353.2
Sulfate	429	1		mg/L	03/27/2006 1447 LK	EPA 300.0
Cations						
Calcium	124	1		mg/L	03/23/2006 1233 TC	EPA 200.7
Magnesium	28	1		mg/L	03/23/2006 1233 TC	EPA 200.7
Potassium	8	1		mg/L	03/23/2006 1233 TC	EPA 200.7
Sodium	342	1		mg/L	03/23/2006 1233 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-003
Client Sample ID: 6M29-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	13.67	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.87	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	8.93	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	6.17	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	2.28	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.21	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	14.88	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	23.56	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	23.49	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	0.14	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1233 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1230 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1230 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1233 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1230 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1233 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1230 MS	EPA 200.8
Iron	0.14	0.05		mg/L	03/23/2006 1233 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1230 MS	EPA 200.8
Manganese	0.35	0.02		mg/L	03/23/2006 1233 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1114 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1230 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1233 TC	EPA 200.7
Selenium	0.005	0.005		mg/L	03/28/2006 1230 MS	EPA 200.8
Uranium	9.28	0.0001		mg/L	03/28/2006 1230 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1230 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1233 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-004
Client Sample ID: 6O-26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	03/24/2006 1656 WN	EPA 150.1
Electrical Conductivity	306	5		µmhos/cm	03/24/2006 1656 WN	SM 2510B
Total Dissolved Solids (180)	190	10		mg/L	03/23/2006 810 EB	SM 2540
Solids, Total Dissolved (Calc)	180	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	87	5		mg/L	03/24/2006 1656 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	81	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1144 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 926 RM	EPA 353.2
Radium 226	500 ± 13	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	10.2	0.1		mg/L	03/23/2006 1237 TC	EPA 200.7
Sodium Adsorption Ratio	1.5	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	106	5		mg/L	03/24/2006 1656 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1656 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1656 WN	SM 2320B
Chloride	1	1		mg/L	03/27/2006 1502 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/24/2006 1656 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/23/2006 1539 RM	EPA 353.2
Sulfate	61	1		mg/L	03/27/2006 1502 LK	EPA 300.0
Cations						
Calcium	26	1		mg/L	03/23/2006 1237 TC	EPA 200.7
Magnesium	4	1		mg/L	03/23/2006 1237 TC	EPA 200.7
Potassium	ND	1		mg/L	03/23/2006 1237 TC	EPA 200.7
Sodium	32	1		mg/L	03/23/2006 1237 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-004
Client Sample ID: 6O-26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.73	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	1.27	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	1.31	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.29	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.01	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	1.38	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	3.01	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	3.04	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	0.57	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1237 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1233 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1233 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1237 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1233 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1237 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1233 MS	EPA 200.8
Iron	0.22	0.05		mg/L	03/23/2006 1237 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1233 MS	EPA 200.8
Manganese	0.16	0.02		mg/L	03/23/2006 1237 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1116 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1233 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1237 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1233 MS	EPA 200.8
Uranium	0.249	0.0001		mg/L	03/28/2006 1233 MS	EPA 200.8
Vanadium	0.06	0.02		mg/L	03/28/2006 1233 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1237 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-005
Client Sample ID: 6M34-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	03/24/2006 1707 WN	EPA 150.1
Electrical Conductivity	443	5		µmhos/cm	03/24/2006 1707 WN	SM 2510B
Total Dissolved Solids (180)	270	10		mg/L	03/23/2006 818 EB	SM 2540
Solids, Total Dissolved (Calc)	260	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	138	5		mg/L	03/24/2006 1707 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	123	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1145 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 927 RM	EPA 353.2
Radium 226	88.2 ± 5.4	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	9.5	0.1		mg/L	03/23/2006 1240 TC	EPA 200.7
Sodium Adsorption Ratio	1.8	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	169	5		mg/L	03/24/2006 1707 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1707 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1707 WN	SM 2320B
Chloride	2	1		mg/L	03/27/2006 1516 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/24/2006 1707 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/23/2006 1540 RM	EPA 353.2
Sulfate	84	1		mg/L	03/27/2006 1516 LK	EPA 300.0
Cations						
Calcium	41	1		mg/L	03/23/2006 1240 TC	EPA 200.7
Magnesium	5	1		mg/L	03/23/2006 1240 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1240 TC	EPA 200.7
Sodium	45	1		mg/L	03/23/2006 1240 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-005
Client Sample ID: 6M34-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.76	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	1.75	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	2.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.42	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.03	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	1.96	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	4.47	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	4.57	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	1.11	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1240 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1236 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1236 MS	EPA 200.8
Boron	0.04	0.03		mg/L	03/23/2006 1240 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1236 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1240 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1236 MS	EPA 200.8
Iron	0.13	0.05		mg/L	03/23/2006 1240 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1236 MS	EPA 200.8
Manganese	0.19	0.02		mg/L	03/23/2006 1240 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1125 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1236 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1240 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1236 MS	EPA 200.8
Uranium	0.0402	0.0001		mg/L	03/28/2006 1236 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1236 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1240 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Project: Cogema Christensen Mine
Collection Date: 3/21/2006
Lab ID: S0603265-006
Date Received: 3/21/2006 5:00 PM
Client Sample ID: 6T23-4
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/24/2006 1718 WN	EPA 150.1
Electrical Conductivity	855	5		µmhos/cm	03/24/2006 1718 WN	SM 2510B
Total Dissolved Solids (180)	550	10		mg/L	03/23/2006 822 EB	SM 2540
Solids, Total Dissolved (Calc)	540	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	269	5		mg/L	03/24/2006 1718 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	142	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1146 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 928 RM	EPA 353.2
Radium 226	257.0 ± 9.5	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	6.4	0.1		mg/L	03/23/2006 1244 TC	EPA 200.7
Sodium Adsorption Ratio	5.2	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	328	5		mg/L	03/24/2006 1718 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1718 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1718 WN	SM 2320B
Chloride	11	1		mg/L	03/27/2006 1629 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/24/2006 1718 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.06	0.05		mg/L	03/23/2006 1541 RM	EPA 353.2
Sulfate	174	1		mg/L	03/27/2006 1629 LK	EPA 300.0
Cations						
Calcium	44	1		mg/L	03/23/2006 1244 TC	EPA 200.7
Magnesium	8	1		mg/L	03/23/2006 1244 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1244 TC	EPA 200.7
Sodium	144	1		mg/L	03/23/2006 1244 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-006
Client Sample ID: 6T23-4
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.38	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.31	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	3.62	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	2.18	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.66	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	6.24	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	9.13	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	9.32	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	1.02	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1244 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1239 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1239 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1244 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1239 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1244 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1239 MS	EPA 200.8
Iron	0.55	0.05		mg/L	03/23/2006 1244 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1239 MS	EPA 200.8
Manganese	0.78	0.02		mg/L	03/23/2006 1244 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1130 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1239 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1244 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1239 MS	EPA 200.8
Uranium	0.0692	0.0001		mg/L	03/28/2006 1239 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1239 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1244 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-007
Client Sample ID: 6T35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/24/2006 1729 WN	EPA 150.1
Electrical Conductivity	1110	5		µmhos/cm	03/24/2006 1729 WN	SM 2510B
Total Dissolved Solids (180)	750	10		mg/L	03/23/2006 826 EB	SM 2540
Solids, Total Dissolved (Calc)	680	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	230	5		mg/L	03/24/2006 1729 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	214	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/23/2006 1147 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 929 RM	EPA 353.2
Radium 226	199.8 ± 8.4	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	9.9	0.1		mg/L	03/23/2006 1247 TC	EPA 200.7
Sodium Adsorption Ratio	5.1	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	280	5		mg/L	03/24/2006 1729 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1729 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1729 WN	SM 2320B
Chloride	8	1		mg/L	03/27/2006 1643 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/24/2006 1729 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.05	0.05		mg/L	03/23/2006 1542 RM	EPA 353.2
Sulfate	287	1		mg/L	03/27/2006 1643 LK	EPA 300.0
Cations						
Calcium	67	1		mg/L	03/23/2006 1247 TC	EPA 200.7
Magnesium	12	1		mg/L	03/23/2006 1247 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1247 TC	EPA 200.7
Sodium	170	1		mg/L	03/23/2006 1247 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-007
Client Sample ID: 6T35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.59	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.22	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	5.98	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	3.32	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.95	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.04	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	7.40	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	11.72	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	10.80	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	4.06	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1247 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/28/2006 1242 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1242 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 1247 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1242 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1247 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1242 MS	EPA 200.8
Iron	0.96	0.05		mg/L	03/23/2006 1247 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1242 MS	EPA 200.8
Manganese	1.43	0.02		mg/L	03/23/2006 1247 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1132 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1242 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1247 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/28/2006 1242 MS	EPA 200.8
Uranium	0.0390	0.0001		mg/L	03/28/2006 1242 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/28/2006 1242 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1247 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-008
Client Sample ID: 6P30-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/24/2006 1740 WN	EPA 150.1
Electrical Conductivity	564	5		µmhos/cm	03/24/2006 1740 WN	SM 2510B
Total Dissolved Solids (180)	360	10		mg/L	03/23/2006 830 EB	SM 2540
Solids, Total Dissolved (Calc)	350	10		mg/L	03/28/2006 1207 KB	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	184	5		mg/L	03/24/2006 1740 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	72	1		mg/L	03/28/2006 1207 KB	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/23/2006 1148 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/23/2006 930 RM	EPA 353.2
Radium 226	90.8 ± 5.6	0.2		pCi/L	04/03/2006 1623 SH	SM 7500 RA B
Silica as SiO2	5.2	0.1		mg/L	03/23/2006 1251 TC	EPA 200.7
Sodium Adsorption Ratio	5.2	0.1			03/28/2006 1207 KB	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	225	5		mg/L	03/24/2006 1740 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/24/2006 1740 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/24/2006 1740 WN	SM 2320B
Chloride	8	1		mg/L	03/27/2006 1658 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/24/2006 1740 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.05	0.05		mg/L	03/23/2006 1543 RM	EPA 353.2
Sulfate	99	1		mg/L	03/27/2006 1658 LK	EPA 300.0
Cations						
Calcium	22	1		mg/L	03/23/2006 1251 TC	EPA 200.7
Magnesium	4	1		mg/L	03/23/2006 1251 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1251 TC	EPA 200.7
Sodium	101	1		mg/L	03/23/2006 1251 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/13/2006
Report ID: S0603265001

Work Order: S0603265
Collection Date: 3/21/2006
Date Received: 3/21/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603265-008
Client Sample ID: 6P30-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.69	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Chloride	0.23	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Fluoride	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sulfate	2.05	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Calcium	1.08	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Magnesium	0.35	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Potassium	0.06	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Sodium	4.37	0.01		meq/L	03/28/2006 1207 KB	SM 1030F
Cation / Anion Balance						
Cation Sum	5.87	0		meq/L	03/28/2006 1207 KB	SM 1030F
Anion Sum	5.98	0		meq/L	03/28/2006 1207 KB	SM 1030F
Cation-Anion Balance	0.93	0		%	03/28/2006 1207 KB	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1251 TC	EPA 200.7
Arsenic	0.013	0.005		mg/L	03/28/2006 1254 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/28/2006 1254 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1251 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/28/2006 1254 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1251 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/28/2006 1254 MS	EPA 200.8
Iron	0.07	0.05		mg/L	03/23/2006 1251 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/28/2006 1254 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	03/23/2006 1251 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/29/2006 1134 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/28/2006 1254 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1251 TC	EPA 200.7
Selenium	0.412	0.005		mg/L	03/28/2006 1254 MS	EPA 200.8
Uranium	0.569	0.0001		mg/L	03/28/2006 1254 MS	EPA 200.8
Vanadium	0.25	0.02		mg/L	03/28/2006 1254 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1251 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by J Richards Date 3/16/06 Received by EJB Date 3-17-06

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain land 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to ~~[illegible]~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AJ37-1	3/16/06	Half Gal.	X		X		S0603208-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6AF42-1		**	**	**	**	**		002
3	6AG48-1		**	**	**	**	**		003
4	6AH40-2		**	**	**	**	**		004
5	6AP37-1	3/15/06	**	**	**	**	**		005
6	6W33-1	3/16/06	**	**	**	**	**		006
7	6AC35-1		**	**	**	**	**		007
8	6AA41-1		**	**	**	**	**		008
9	NPHW-15		**	**	**	**	**		009
10	6X26-1		**	**	**	**	**		010
11	6AE33-1		**	**	**	**	**		011
12	6AE44-1		**	**	**	**	**		012
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1

L:\LARRY\[pvdsub.xls]pvdsub

Inter-Mountain Laboratories **Date:** *03-Apr-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0603208

CASE NARRATIVE

Report ID: S0603208001

Samples 6AA41-1, 6AC35-1, 6AE33-1, 6AE44-1, 6AF42-1, 6AG48-1, 6AH40-2, 6AJ37-1, 6AP37-1, 6W33-1, 6X26-1, and NPHW-15 were received on March 16, 2006.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-001
Client Sample ID: 6AJ37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	03/23/2006 1700 WN	EPA 150.1
Electrical Conductivity	765	5		µmhos/cm	03/23/2006 1700 WN	SM 2510B
Total Dissolved Solids (180)	470	10		mg/L	03/20/2006 749 EB	SM 2540
Solids, Total Dissolved (Calc)	480	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	209	5		mg/L	03/23/2006 1700 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	135	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1325 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1559 KB	EPA 300.0
Radium 226	109.1 ± 5.5	0.2		pCi/L	03/30/2006 1255 SH	SM 7500 RA B
Silica as SiO2	15.2	0.1		mg/L	03/23/2006 1103 TC	EPA 200.7
Sodium Adsorption Ratio	4.6	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	255	5		mg/L	03/23/2006 1700 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1700 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1700 WN	SM 2320B
Chloride	9	1		mg/L	03/24/2006 1011 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1700 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1454 RM	EPA 353.2
Sulfate	176	1		mg/L	03/24/2006 1011 LK	EPA 300.0
Cations						
Calcium	40	1		mg/L	03/23/2006 1103 TC	EPA 200.7
Magnesium	9	1		mg/L	03/23/2006 1103 TC	EPA 200.7
Potassium	1	1		mg/L	03/23/2006 1103 TC	EPA 200.7
Sodium	124	1		mg/L	03/23/2006 1103 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-001
Client Sample ID: 6AJ37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.18	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.26	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	3.66	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	1.97	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.72	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	5.37	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	8.10	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	8.11	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.04	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1103 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1242 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1242 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1103 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1242 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1103 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1242 MS	EPA 200.8
Iron	0.40	0.05		mg/L	03/23/2006 1103 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1242 MS	EPA 200.8
Manganese	0.15	0.02		mg/L	03/23/2006 1103 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1146 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1242 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1103 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1242 MS	EPA 200.8
Uranium	0.145	0.0001		mg/L	03/17/2006 1242 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1242 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1103 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-002
Client Sample ID: 6AF42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1711 WN	EPA 150.1
Electrical Conductivity	550	5		µmhos/cm	03/23/2006 1711 WN	SM 2510B
Total Dissolved Solids (180)	320	10		mg/L	03/20/2006 752 EB	SM 2540
Solids, Total Dissolved (Calc)	350	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	175	5		mg/L	03/23/2006 1711 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	56	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1326 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1609 KB	EPA 300.0
Radium 226	62.0 ± 4.1	0.2		pCi/L	03/30/2006 1255 SH	SM 7500 RA B
Silica as SiO2	6.7	0.1		mg/L	03/23/2006 1110 TC	EPA 200.7
Sodium Adsorption Ratio	6.4	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	214	5		mg/L	03/23/2006 1711 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1711 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1711 WN	SM 2320B
Chloride	6	1		mg/L	03/24/2006 1021 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/23/2006 1711 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1455 RM	EPA 353.2
Sulfate	105	1		mg/L	03/24/2006 1021 LK	EPA 300.0
Cations						
Calcium	16	1		mg/L	03/23/2006 1110 TC	EPA 200.7
Magnesium	4	1		mg/L	03/23/2006 1110 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1110 TC	EPA 200.7
Sodium	110	1		mg/L	03/23/2006 1110 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-002
Client Sample ID: 6AF42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.50	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.17	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	2.17	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	0.77	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.34	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.06	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	4.76	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	5.94	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	5.86	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.64	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1110 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1251 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1251 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1110 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1251 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1110 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1251 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 1110 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1251 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	03/23/2006 1110 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1148 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1251 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1110 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1251 MS	EPA 200.8
Uranium	0.405	0.0001		mg/L	03/17/2006 1251 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1251 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1110 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-003
Client Sample ID: 6AG48-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.5	0.1		s.u.	03/23/2006 1721 WN	EPA 150.1
Electrical Conductivity	440	5		µmhos/cm	03/23/2006 1721 WN	SM 2510B
Total Dissolved Solids (180)	280	10		mg/L	03/20/2006 755 EB	SM 2540
Solids, Total Dissolved (Calc)	280	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	27	5		mg/L	03/23/2006 1721 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	105	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1327 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1619 KB	EPA 300.0
Radium 226	24.8 ± 2.6	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	03/23/2006 1114 TC	EPA 200.7
Sodium Adsorption Ratio	2.0	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	33	5		mg/L	03/23/2006 1721 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1721 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1721 WN	SM 2320B
Chloride	2	1		mg/L	03/24/2006 1031 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1721 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1456 RM	EPA 353.2
Sulfate	176	1		mg/L	03/24/2006 1031 LK	EPA 300.0
Cations						
Calcium	35	1		mg/L	03/23/2006 1114 TC	EPA 200.7
Magnesium	5	1		mg/L	03/23/2006 1114 TC	EPA 200.7
Potassium	1	1		mg/L	03/23/2006 1114 TC	EPA 200.7
Sodium	48	1		mg/L	03/23/2006 1114 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Project: Cogema Christensen Mine
Collection Date: 3/16/2006
Lab ID: S0603208-003
Date Received: 3/16/2006 5:00 PM
Client Sample ID: 6AG48-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.53	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.04	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	3.65	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	1.72	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.37	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.02	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	2.09	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	4.21	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	4.24	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.31	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1114 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1254 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1254 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1114 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1254 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1114 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1254 MS	EPA 200.8
Iron	0.12	0.05		mg/L	03/23/2006 1114 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1254 MS	EPA 200.8
Manganese	0.23	0.02		mg/L	03/23/2006 1114 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1154 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1254 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1114 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1254 MS	EPA 200.8
Uranium	0.0081	0.0001		mg/L	03/17/2006 1254 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1254 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1114 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-004
Client Sample ID: 6AH40-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1730 WN	EPA 150.1
Electrical Conductivity	697	5		µmhos/cm	03/23/2006 1730 WN	SM 2510B
Total Dissolved Solids (180)	430	10		mg/L	03/20/2006 758 EB	SM 2540
Solids, Total Dissolved (Calc)	440	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	292	5		mg/L	03/23/2006 1730 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	66	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1334 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1628 KB	EPA 300.0
Radium 226	60.9 ± 4.0	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	5.2	0.1		mg/L	03/23/2006 1117 TC	EPA 200.7
Sodium Adsorption Ratio	7.9	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	356	5		mg/L	03/23/2006 1730 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1730 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1730 WN	SM 2320B
Chloride	5	1		mg/L	03/24/2006 1040 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1730 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1457 RM	EPA 353.2
Sulfate	88	1		mg/L	03/24/2006 1040 LK	EPA 300.0
Cations						
Calcium	19	1		mg/L	03/23/2006 1117 TC	EPA 200.7
Magnesium	4	1		mg/L	03/23/2006 1117 TC	EPA 200.7
Potassium	3	1		mg/L	03/23/2006 1117 TC	EPA 200.7
Sodium	147	1		mg/L	03/23/2006 1117 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-004
Client Sample ID: 6AH40-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.84	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.14	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	1.83	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	0.94	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.36	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.07	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	6.37	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	7.75	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	7.82	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.39	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1117 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1257 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1257 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 1117 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1257 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1117 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1257 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 1117 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1257 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	03/23/2006 1117 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1157 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1257 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1117 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1257 MS	EPA 200.8
Uranium	0.424	0.0001		mg/L	03/17/2006 1257 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1257 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1117 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/15/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-005
Client Sample ID: 6AP37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	03/23/2006 1741 WN	EPA 150.1
Electrical Conductivity	506	5		µmhos/cm	03/23/2006 1741 WN	SM 2510B
Total Dissolved Solids (180)	310	10		mg/L	03/20/2006 801 EB	SM 2540
Solids, Total Dissolved (Calc)	320	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	130	5		mg/L	03/23/2006 1741 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	139	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1335 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1638 KB	EPA 300.0
Radium 226	402 ± 10	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	7.5	0.1		mg/L	03/23/2006 1121 TC	EPA 200.7
Sodium Adsorption Ratio	2.1	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	159	5		mg/L	03/23/2006 1741 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1741 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1741 WN	SM 2320B
Chloride	3	1		mg/L	03/24/2006 1050 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1741 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1458 RM	EPA 353.2
Sulfate	124	1		mg/L	03/24/2006 1050 LK	EPA 300.0
Cations						
Calcium	46	1		mg/L	03/23/2006 1121 TC	EPA 200.7
Magnesium	6	1		mg/L	03/23/2006 1121 TC	EPA 200.7
Potassium	1	1		mg/L	03/23/2006 1121 TC	EPA 200.7
Sodium	57	1		mg/L	03/23/2006 1121 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/15/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-005
Client Sample ID: 6AP37-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.60	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.08	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	2.58	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	2.28	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.50	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	2.48	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	5.31	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	5.27	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.36	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1121 TC	EPA 200.7
Arsenic	0.006	0.005		mg/L	03/17/2006 1300 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1300 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 1121 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1300 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1121 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1300 MS	EPA 200.8
Iron	0.56	0.05		mg/L	03/23/2006 1121 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1300 MS	EPA 200.8
Manganese	0.17	0.02		mg/L	03/23/2006 1121 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1159 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1300 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1121 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1300 MS	EPA 200.8
Uranium	3.10	0.0001		mg/L	03/17/2006 1300 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1300 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1121 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-006
Client Sample ID: 6W33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	03/23/2006 1751 WN	EPA 150.1
Electrical Conductivity	471	5		µmhos/cm	03/23/2006 1751 WN	SM 2510B
Total Dissolved Solids (180)	290	10		mg/L	03/20/2006 804 EB	SM 2540
Solids, Total Dissolved (Calc)	290	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	58	5		mg/L	03/23/2006 1751 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	96	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1336 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1648 KB	EPA 300.0
Radium 226	77.6 ± 4.5	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	9.7	0.1		mg/L	03/23/2006 1124 TC	EPA 200.7
Sodium Adsorption Ratio	2.7	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	71	5		mg/L	03/23/2006 1751 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1751 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1751 WN	SM 2320B
Chloride	2	1		mg/L	03/24/2006 1138 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1751 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1459 RM	EPA 353.2
Sulfate	160	1		mg/L	03/24/2006 1138 LK	EPA 300.0
Cations						
Calcium	28	1		mg/L	03/23/2006 1124 TC	EPA 200.7
Magnesium	6	1		mg/L	03/23/2006 1124 TC	EPA 200.7
Potassium	1	1		mg/L	03/23/2006 1124 TC	EPA 200.7
Sodium	61	1		mg/L	03/23/2006 1124 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-006
Client Sample ID: 6W33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.17	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.04	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	3.32	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	1.39	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.51	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	2.64	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	4.59	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	4.54	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.55	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1124 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1302 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1302 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1124 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1302 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1124 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1302 MS	EPA 200.8
Iron	1.54	0.05		mg/L	03/23/2006 1124 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1302 MS	EPA 200.8
Manganese	0.36	0.02		mg/L	03/23/2006 1124 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1201 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1302 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1124 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1302 MS	EPA 200.8
Uranium	0.0162	0.0001		mg/L	03/17/2006 1302 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1302 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1124 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-007
Client Sample ID: 6AC35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/23/2006 1803 WN	EPA 150.1
Electrical Conductivity	1280	5		µmhos/cm	03/23/2006 1803 WN	SM 2510B
Total Dissolved Solids (180)	750	10		mg/L	03/20/2006 810 EB	SM 2540
Solids, Total Dissolved (Calc)	810	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	470	5		mg/L	03/23/2006 1803 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	182	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1337 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1657 KB	EPA 300.0
Radium 226	123.3 ± 5.9	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	6.6	0.1		mg/L	03/23/2006 1141 TC	EPA 200.7
Sodium Adsorption Ratio	7.9	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	573	5		mg/L	03/23/2006 1803 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1803 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1803 WN	SM 2320B
Chloride	13	1		mg/L	03/24/2006 1148 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1803 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1500 RM	EPA 353.2
Sulfate	198	1		mg/L	03/24/2006 1148 LK	EPA 300.0
Cations						
Calcium	52	1		mg/L	03/23/2006 1141 TC	EPA 200.7
Magnesium	13	1		mg/L	03/23/2006 1141 TC	EPA 200.7
Potassium	6	1		mg/L	03/23/2006 1141 TC	EPA 200.7
Sodium	247	1		mg/L	03/23/2006 1141 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-007
Client Sample ID: 6AC35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	9.39	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.35	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	4.12	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	2.59	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	1.05	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.15	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	10.73	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	14.53	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	13.88	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	2.28	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1141 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1305 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1305 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/23/2006 1141 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1305 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1141 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1305 MS	EPA 200.8
Iron	0.07	0.05		mg/L	03/23/2006 1141 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1305 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	03/23/2006 1141 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1203 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1305 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1141 TC	EPA 200.7
Selenium	0.155	0.005		mg/L	03/17/2006 1305 MS	EPA 200.8
Uranium	0.597	0.0001		mg/L	03/17/2006 1305 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/17/2006 1305 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1141 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-008
Client Sample ID: 6AA41-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.6	0.1		s.u.	03/23/2006 1814 WN	EPA 150.1
Electrical Conductivity	604	5		µmhos/cm	03/23/2006 1814 WN	SM 2510B
Total Dissolved Solids (180)	390	10		mg/L	03/20/2006 813 EB	SM 2540
Solids, Total Dissolved (Calc)	380	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	28	5		mg/L	03/23/2006 1814 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	144	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1338 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1707 KB	EPA 300.0
Radium 226	163.5 ± 6.7	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	6.9	0.1		mg/L	03/23/2006 1145 TC	EPA 200.7
Sodium Adsorption Ratio	2.3	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	35	5		mg/L	03/23/2006 1814 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1814 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1814 WN	SM 2320B
Chloride	1	1		mg/L	03/24/2006 1157 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1814 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1501 RM	EPA 353.2
Sulfate	246	1		mg/L	03/24/2006 1157 LK	EPA 300.0
Cations						
Calcium	46	1		mg/L	03/23/2006 1145 TC	EPA 200.7
Magnesium	7	1		mg/L	03/23/2006 1145 TC	EPA 200.7
Potassium	1	1		mg/L	03/23/2006 1145 TC	EPA 200.7
Sodium	65	1		mg/L	03/23/2006 1145 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-008
Client Sample ID: 6AA41-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.56	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.03	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	5.12	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	2.27	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.61	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	2.81	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	5.74	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	5.73	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.09	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1145 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1308 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1308 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 1145 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1308 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1145 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1308 MS	EPA 200.8
Iron	0.94	0.05		mg/L	03/23/2006 1145 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1308 MS	EPA 200.8
Manganese	3.25	0.02		mg/L	03/23/2006 1145 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1209 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1308 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1145 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1308 MS	EPA 200.8
Uranium	0.0032	0.0001		mg/L	03/17/2006 1308 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	03/17/2006 1308 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1145 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-009
Client Sample ID: NPHW-15
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.3	0.1		s.u.	03/23/2006 1825 WN	EPA 150.1
Electrical Conductivity	1590	5		µmhos/cm	03/23/2006 1825 WN	SM 2510B
Total Dissolved Solids (180)	990	10		mg/L	03/20/2006 816 EB	SM 2540
Solids, Total Dissolved (Calc)	1070	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	542	5		mg/L	03/23/2006 1825 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	229	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1339 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1717 KB	EPA 300.0
Radium 226	102.9 ± 5.4	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	11.7	0.1		mg/L	03/23/2006 1148 TC	EPA 200.7
Sodium Adsorption Ratio	8.9	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	646	5		mg/L	03/23/2006 1825 WN	SM 2320B
Alkalinity, Carbonate as CO3	7	5		mg/L	03/23/2006 1825 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1825 WN	SM 2320B
Chloride	19	1		mg/L	03/24/2006 1207 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1825 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.15	0.05		mg/L	03/20/2006 1502 RM	EPA 353.2
Sulfate	331	1		mg/L	03/24/2006 1207 LK	EPA 300.0
Cations						
Calcium	67	1		mg/L	03/23/2006 1148 TC	EPA 200.7
Magnesium	15	1		mg/L	03/23/2006 1148 TC	EPA 200.7
Potassium	7	1		mg/L	03/23/2006 1148 TC	EPA 200.7
Sodium	308	1		mg/L	03/23/2006 1148 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-009
Client Sample ID: NPHW-15
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.59	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	0.23	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.54	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	0.01	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	6.88	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	3.32	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	1.25	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.17	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	13.41	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	18.17	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	18.28	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.29	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1148 TC	EPA 200.7
Arsenic	0.031	0.005		mg/L	03/17/2006 1311 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1311 MS	EPA 200.8
Boron	0.09	0.03		mg/L	03/23/2006 1148 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1311 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1148 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1311 MS	EPA 200.8
Iron	0.13	0.05		mg/L	03/23/2006 1148 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1311 MS	EPA 200.8
Manganese	0.10	0.02		mg/L	03/23/2006 1148 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1218 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1311 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1148 TC	EPA 200.7
Selenium	1.98	0.005		mg/L	03/17/2006 1311 MS	EPA 200.8
Uranium	5.86	0.0001		mg/L	03/17/2006 1311 MS	EPA 200.8
Vanadium	0.40	0.02		mg/L	03/17/2006 1311 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1148 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-010
Client Sample ID: 6X26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/28/2006 1734 KB	EPA 150.1
Electrical Conductivity	1260	5		µmhos/cm	03/28/2006 1734 KB	SM 2510B
Total Dissolved Solids (180)	730	10		mg/L	03/20/2006 819 EB	SM 2540
Solids, Total Dissolved (Calc)	800	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	359	5		mg/L	03/28/2006 1734 KB	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	195	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.3	0.1		mg/L	03/21/2006 1340 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1726 KB	EPA 300.0
Radium 226	201.5 ± 7.5	0.2		pCi/L	03/30/2006 1610 SH	SM 7500 RA B
Silica as SiO2	8.4	0.1		mg/L	03/23/2006 1152 TC	EPA 200.7
Sodium Adsorption Ratio	6.7	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	438	5		mg/L	03/28/2006 1734 KB	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/28/2006 1734 KB	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/28/2006 1734 KB	SM 2320B
Chloride	12	1		mg/L	03/24/2006 1217 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1840 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.10	0.05		mg/L	03/20/2006 1504 RM	EPA 353.2
Sulfate	280	1		mg/L	03/24/2006 1217 LK	EPA 300.0
Cations						
Calcium	56	1		mg/L	03/23/2006 1152 TC	EPA 200.7
Magnesium	13	1		mg/L	03/23/2006 1152 TC	EPA 200.7
Potassium	4	1		mg/L	03/23/2006 1152 TC	EPA 200.7
Sodium	215	1		mg/L	03/23/2006 1152 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-010
Client Sample ID: 6X26-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.18	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.34	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	5.83	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	2.81	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	1.07	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.10	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	9.35	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	13.35	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	13.36	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	0.04	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1152 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1314 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1314 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1152 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1314 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1152 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1314 MS	EPA 200.8
Iron	0.36	0.05		mg/L	03/23/2006 1152 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1314 MS	EPA 200.8
Manganese	0.28	0.02		mg/L	03/23/2006 1152 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1220 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1314 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1152 TC	EPA 200.7
Selenium	0.057	0.005		mg/L	03/17/2006 1314 MS	EPA 200.8
Uranium	0.569	0.0001		mg/L	03/17/2006 1314 MS	EPA 200.8
Vanadium	0.04	0.02		mg/L	03/17/2006 1314 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1152 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 5/4/2006
Report ID: S0603208002
(Replaces S0603208001)
Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-011
Client Sample ID: 6AE33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.2	0.1		s.u.	03/23/2006 1852 WN	EPA 150.1
Electrical Conductivity	2980	5		µmhos/cm	05/03/2006 1612 AO	SM 2510B
Total Dissolved Solids (180)	1900	10		mg/L	03/20/2006 822 EB	SM 2540
Solids, Total Dissolved (Calc)	1980	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	375	5		mg/L	03/23/2006 1852 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	676	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/21/2006 1341 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1814 KB	EPA 300.0
Radium 226	299.4 ± 9.0	0.2		pCi/L	03/30/2006 1927 SH	SM 7500 RA B
Silica as SiO2	14.9	0.1		mg/L	03/23/2006 1155 TC	EPA 200.7
Sodium Adsorption Ratio	8.9	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	458	5		mg/L	03/23/2006 1852 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1852 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1852 WN	SM 2320B
Chloride	51	1		mg/L	03/24/2006 1226 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1852 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.08	0.05		mg/L	03/20/2006 1605 RM	EPA 353.2
Sulfate	919	1		mg/L	03/24/2006 1226 LK	EPA 300.0
Cations						
Calcium	199	1		mg/L	03/23/2006 1155 TC	EPA 200.7
Magnesium	43	1		mg/L	03/30/2006 1013 MH	EPA 200.7
Potassium	12	1		mg/L	03/30/2006 1013 MH	EPA 200.7
Sodium	533	1		mg/L	03/23/2006 1155 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Baab GI
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-011
Client Sample ID: 6AE33-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.50	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.68	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	19.13	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	9.94	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	3.56	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.31	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	23.19	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	37.01	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	28.06	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	13.74	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1155 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/17/2006 1326 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1326 MS	EPA 200.8
Boron	0.12	0.03		mg/L	03/23/2006 1155 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1326 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1155 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1326 MS	EPA 200.8
Iron	0.66	0.05		mg/L	03/23/2006 1155 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1326 MS	EPA 200.8
Manganese	0.43	0.02		mg/L	03/23/2006 1155 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1222 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1326 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1155 TC	EPA 200.7
Selenium	0.158	0.005		mg/L	03/17/2006 1326 MS	EPA 200.8
Uranium	0.887	0.0001		mg/L	03/17/2006 1326 MS	EPA 200.8
Vanadium	0.12	0.02		mg/L	03/17/2006 1326 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1155 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Project: Cogema Christensen Mine
Collection Date: 3/16/2006
Lab ID: S0603208-012
Date Received: 3/16/2006 5:00 PM
Client Sample ID: 6AE44-1
Sampler:
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1903 WN	EPA 150.1
Electrical Conductivity	746	5		µmhos/cm	03/23/2006 1903 WN	SM 2510B
Total Dissolved Solids (180)	490	10		mg/L	03/20/2006 825 EB	SM 2540
Solids, Total Dissolved (Calc)	480	10		mg/L	04/01/2006 951 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/24/2006 1305 WN	SM 2310B
Alkalinity, Total (As CaCO3)	139	5		mg/L	03/23/2006 1903 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	185	1		mg/L	04/01/2006 951 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1342 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/17/2006 1824 KB	EPA 300.0
Radium 226	551 ± 12	0.2		pCi/L	03/30/2006 1927 SH	SM 7500 RA B
Silica as SiO2	10.5	0.1		mg/L	03/23/2006 1159 TC	EPA 200.7
Sodium Adsorption Ratio	3.0	0.1			04/01/2006 951 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	169	5		mg/L	03/23/2006 1903 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1903 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1903 WN	SM 2320B
Chloride	5	1		mg/L	03/24/2006 1236 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1903 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.10	0.05		mg/L	03/20/2006 1506 RM	EPA 353.2
Sulfate	226	1		mg/L	03/24/2006 1236 LK	EPA 300.0
Cations						
Calcium	60	1		mg/L	03/23/2006 1159 TC	EPA 200.7
Magnesium	9	1		mg/L	03/23/2006 1159 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 1159 TC	EPA 200.7
Sodium	96	1		mg/L	03/23/2006 1159 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/3/2006
Report ID: S0603208001

Work Order: S0603208
Collection Date: 3/16/2006
Date Received: 3/16/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603208-012
Client Sample ID: 6AE44-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.77	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Chloride	0.14	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sulfate	4.70	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Calcium	2.97	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Magnesium	0.73	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Potassium	0.04	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Sodium	4.15	0.01		meq/L	04/01/2006 951 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	7.90	0		meq/L	04/01/2006 951 WN	SM 1030F
Anion Sum	7.63	0		meq/L	04/01/2006 951 WN	SM 1030F
Cation-Anion Balance	1.71	0		%	04/01/2006 951 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1159 TC	EPA 200.7
Arsenic	0.014	0.005		mg/L	03/17/2006 1334 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/17/2006 1334 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 1159 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/17/2006 1334 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1159 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/17/2006 1334 MS	EPA 200.8
Iron	1.41	0.05		mg/L	03/23/2006 1159 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/17/2006 1334 MS	EPA 200.8
Manganese	0.85	0.02		mg/L	03/23/2006 1159 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1224 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/17/2006 1334 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1159 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/17/2006 1334 MS	EPA 200.8
Uranium	0.249	0.0001		mg/L	03/17/2006 1334 MS	EPA 200.8
Vanadium	0.05	0.02		mg/L	03/17/2006 1334 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1159 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by J. Richards Date 3/15/06 Received by Karen [illegible] Date 3/15/06 1700

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6 Module # (if applicale) ____

Restoration Phase: ___ Groundwater Sweep (explain ____)
___ Reverse Osmosis Filtration (explain ____)
___ Recirculation (explain ____)
X Stabilization (explain round 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : ~~Tom Nielsen~~ Larry Arbogast

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AP64-2	3/14/06	Half Gal.	X		X		S0603191-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6AT58-1		**	**	**	**	**		002
3	7AS65-1		**	**	**	**	**		003
4	6AO33-2	3/15/06	**	**	**	**	**		004
5	NPHW-3A		**	**	**	**	**		005
6	6AO42-1		**	**	**	**	**		006
7	6AL40-1		**	**	**	**	**		007
8	6AL31-1		**	**	**	**	**		008
9	6AM36-1		**	**	**	**	**		009
10	6AL35-1		**	**	**	**	**		010
11			**	**	**	**	**		
12			**	**	**	**	**		
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1 L:\LARRY\[pvdsub.xls]pvdsub

Inter-Mountain Laboratories **Date:** *31-Mar-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0603191

CASE NARRATIVE

Report ID: S0603191001

Samples 6AL-40-1, 6AL31-1, 6AL35-1, 6AM36-1, 6AO33-2, 6AO42-1, 6AP64-2, 6AT58-1, 7AS65-1, and NPHW-3A were received on March 15, 2006.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-001
Client Sample ID: 6AP64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	391	5		mg/L	03/23/2006 1457 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1457 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1457 WN	SM 2320B
Chloride	8	1		mg/L	03/21/2006 831 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1457 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1436 RM	EPA 353.2
Sulfate	307	1		mg/L	03/21/2006 831 LK	EPA 300.0
General Parameters						
pH	8.2	0.1		s.u.	03/23/2006 1457 WN	EPA 150.1
Electrical Conductivity	1140	5		µmhos/cm	03/23/2006 1457 WN	SM 2510B
Total Dissolved Solids (180)	750	10		mg/L	03/17/2006 748 EB	SM 2540
Solids, Total Dissolved (Calc)	790	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	321	5		mg/L	03/23/2006 1457 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	140	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1309 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1711 KB	EPA 353.2
Radium 226	160.5 ± 6.9	0.2		pCi/L	03/26/2006 1921 SH	SM 7500 RA B
Silica as SiO2	9.5	0.1		mg/L	03/23/2006 933 TC	EPA 200.7
Sodium Adsorption Ratio	8.3	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	391	5		mg/L	03/23/2006 1457 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1457 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1457 WN	SM 2320B
Chloride	8	1		mg/L	03/21/2006 831 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1457 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1436 RM	EPA 353.2
Sulfate	307	1		mg/L	03/21/2006 831 LK	EPA 300.0
Cations						
Calcium	42	1		mg/L	03/23/2006 933 TC	EPA 200.7
Magnesium	9	1		mg/L	03/23/2006 933 TC	EPA 200.7
Potassium	5	1		mg/L	03/23/2006 933 TC	EPA 200.7
Sodium	227	1		mg/L	03/23/2006 933 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-001
Client Sample ID: 6AP64-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	6.41	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.22	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	6.39	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	2.09	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	0.71	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.13	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	9.87	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	12.81	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	13.03	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	0.86	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 933 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1415 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1415 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 933 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1415 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 933 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1415 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 933 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1415 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	03/23/2006 933 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1052 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1415 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 933 TC	EPA 200.7
Selenium	0.011	0.005		mg/L	03/16/2006 1415 MS	EPA 200.8
Uranium	0.658	0.0001		mg/L	03/16/2006 1415 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1415 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 933 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-002
Client Sample ID: 6AT58-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	100	5		mg/L	03/23/2006 1507 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1507 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1507 WN	SM 2320B
Chloride	3	1		mg/L	03/21/2006 841 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/23/2006 1507 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1438 RM	EPA 353.2
Sulfate	611	1		mg/L	03/21/2006 841 LK	EPA 300.0
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1507 WN	EPA 150.1
Electrical Conductivity	1300	5		µmhos/cm	03/23/2006 1507 WN	SM 2510B
Total Dissolved Solids (180)	890	10		mg/L	03/17/2006 752 EB	SM 2540
Solids, Total Dissolved (Calc)	960	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	82	5		mg/L	03/23/2006 1507 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	123	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1310 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1712 KB	EPA 353.2
Radium 226	37.1 ± 3.3	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	7.0	0.1		mg/L	03/23/2006 940 TC	EPA 200.7
Sodium Adsorption Ratio	9.8	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	100	5		mg/L	03/23/2006 1507 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1507 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1507 WN	SM 2320B
Chloride	3	1		mg/L	03/21/2006 841 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/23/2006 1507 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1438 RM	EPA 353.2
Sulfate	611	1		mg/L	03/21/2006 841 LK	EPA 300.0
Cations						
Calcium	37	1		mg/L	03/23/2006 940 TC	EPA 200.7
Magnesium	7	1		mg/L	03/23/2006 940 TC	EPA 200.7
Potassium	5	1		mg/L	03/23/2006 940 TC	EPA 200.7
Sodium	249	1		mg/L	03/23/2006 940 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-002
Client Sample ID: 6AT58-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.64	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.09	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	12.72	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	1.86	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	0.58	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.13	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	10.84	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	13.43	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	14.46	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	3.71	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 940 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1418 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1418 MS	EPA 200.8
Boron	0.04	0.03		mg/L	03/23/2006 940 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1418 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 940 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1418 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 940 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1418 MS	EPA 200.8
Manganese	ND	0.02		mg/L	03/23/2006 940 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1054 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1418 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 940 TC	EPA 200.7
Selenium	0.081	0.005		mg/L	03/16/2006 1418 MS	EPA 200.8
Uranium	0.129	0.0001		mg/L	03/16/2006 1418 MS	EPA 200.8
Vanadium	0.07	0.02		mg/L	03/16/2006 1418 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 940 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-003
Client Sample ID: 7AS65-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	206	5		mg/L	03/23/2006 1516 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1516 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1516 WN	SM 2320B
Chloride	4	1		mg/L	03/21/2006 919 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1516 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1439 RM	EPA 353.2
Sulfate	586	1		mg/L	03/21/2006 919 LK	EPA 300.0
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1516 WN	EPA 150.1
Electrical Conductivity	1360	5		µmhos/cm	03/23/2006 1516 WN	SM 2510B
Total Dissolved Solids (180)	960	10		mg/L	03/17/2006 756 EB	SM 2540
Solids, Total Dissolved (Calc)	1010	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	169	5		mg/L	03/23/2006 1516 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	194	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1311 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1713 KB	EPA 353.2
Radium 226	125.4 ± 5.9	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	5.0	0.1		mg/L	03/23/2006 947 TC	EPA 200.7
Sodium Adsorption Ratio	7.6	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	206	5		mg/L	03/23/2006 1516 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1516 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1516 WN	SM 2320B
Chloride	4	1		mg/L	03/21/2006 919 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1516 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1439 RM	EPA 353.2
Sulfate	586	1		mg/L	03/21/2006 919 LK	EPA 300.0
Cations						
Calcium	56	1		mg/L	03/23/2006 947 TC	EPA 200.7
Magnesium	13	1		mg/L	03/23/2006 947 TC	EPA 200.7
Potassium	6	1		mg/L	03/23/2006 947 TC	EPA 200.7
Sodium	244	1		mg/L	03/23/2006 947 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/14/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-003
Client Sample ID: 7AS65-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	3.37	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.12	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	12.20	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	2.80	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	1.07	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.15	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	10.60	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	14.63	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	15.70	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	3.52	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 947 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1421 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1421 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 947 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1421 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 947 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1421 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 947 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1421 MS	EPA 200.8
Manganese	0.07	0.02		mg/L	03/23/2006 947 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1057 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1421 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 947 TC	EPA 200.7
Selenium	0.063	0.005		mg/L	03/16/2006 1421 MS	EPA 200.8
Uranium	2.42	0.0001		mg/L	03/16/2006 1421 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1421 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 947 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-004
Client Sample ID: 6AO33-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	154	5		mg/L	03/23/2006 1527 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1527 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1527 WN	SM 2320B
Chloride	4	1		mg/L	03/21/2006 929 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1527 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1440 RM	EPA 353.2
Sulfate	597	1		mg/L	03/21/2006 929 LK	EPA 300.0
General Parameters						
pH	8.2	0.1		s.u.	03/23/2006 1527 WN	EPA 150.1
Electrical Conductivity	1360	5		µmhos/cm	03/23/2006 1527 WN	SM 2510B
Total Dissolved Solids (180)	930	10		mg/L	03/17/2006 800 EB	SM 2540
Solids, Total Dissolved (Calc)	990	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	126	5		mg/L	03/23/2006 1527 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	140	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1318 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1714 KB	EPA 353.2
Radium 226	150.8 ± 6.5	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	6.2	0.1		mg/L	03/23/2006 951 TC	EPA 200.7
Sodium Adsorption Ratio	9.5	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	154	5		mg/L	03/23/2006 1527 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1527 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1527 WN	SM 2320B
Chloride	4	1		mg/L	03/21/2006 929 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1527 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1440 RM	EPA 353.2
Sulfate	597	1		mg/L	03/21/2006 929 LK	EPA 300.0
Cations						
Calcium	41	1		mg/L	03/23/2006 951 TC	EPA 200.7
Magnesium	9	1		mg/L	03/23/2006 951 TC	EPA 200.7
Potassium	6	1		mg/L	03/23/2006 951 TC	EPA 200.7
Sodium	258	1		mg/L	03/23/2006 951 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-004
Client Sample ID: 6AO33-2
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.52	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.11	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	12.42	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	2.03	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	0.76	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.16	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	11.23	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	14.19	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	15.06	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	2.97	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 951 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1424 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1424 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/23/2006 951 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1424 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 951 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1424 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/23/2006 951 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1424 MS	EPA 200.8
Manganese	0.04	0.02		mg/L	03/23/2006 951 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1059 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1424 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 951 TC	EPA 200.7
Selenium	0.043	0.005		mg/L	03/16/2006 1424 MS	EPA 200.8
Uranium	0.332	0.0001		mg/L	03/16/2006 1424 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	03/16/2006 1424 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 951 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-005
Client Sample ID: NPHW-3A
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	769	5		mg/L	03/23/2006 1539 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1539 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1539 WN	SM 2320B
Chloride	32	1		mg/L	03/21/2006 939 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1539 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1441 RM	EPA 353.2
Sulfate	593	1		mg/L	03/21/2006 939 LK	EPA 300.0
General Parameters						
pH	8.2	0.1		s.u.	03/23/2006 1539 WN	EPA 150.1
Electrical Conductivity	2100	5		µmhos/cm	03/23/2006 1539 WN	SM 2510B
Total Dissolved Solids (180)	1460	10		mg/L	03/17/2006 804 EB	SM 2540
Solids, Total Dissolved (Calc)	1530	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	630	5		mg/L	03/23/2006 1539 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	409	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/21/2006 1319 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1715 KB	EPA 353.2
Radium 226	899 ± 16	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	7.1	0.1		mg/L	03/23/2006 954 TC	EPA 200.7
Sodium Adsorption Ratio	8.0	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	769	5		mg/L	03/23/2006 1539 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1539 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1539 WN	SM 2320B
Chloride	32	1		mg/L	03/21/2006 939 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1539 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1441 RM	EPA 353.2
Sulfate	593	1		mg/L	03/21/2006 939 LK	EPA 300.0
Cations						
Calcium	108	1		mg/L	03/23/2006 954 TC	EPA 200.7
Magnesium	34	1		mg/L	03/23/2006 954 TC	EPA 200.7
Potassium	9	1		mg/L	03/23/2006 954 TC	EPA 200.7
Sodium	372	1		mg/L	03/23/2006 954 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-005
Client Sample ID: NPHW-3A
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.60	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.90	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	12.34	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	5.40	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	2.78	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.22	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	16.18	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	24.60	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	25.85	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	2.47	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 954 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1427 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1427 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/23/2006 954 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1427 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 954 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1427 MS	EPA 200.8
Iron	0.21	0.05		mg/L	03/23/2006 954 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1427 MS	EPA 200.8
Manganese	0.39	0.02		mg/L	03/23/2006 954 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1100 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1427 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 954 TC	EPA 200.7
Selenium	0.019	0.005		mg/L	03/16/2006 1427 MS	EPA 200.8
Uranium	4.35	0.0001		mg/L	03/16/2006 1427 MS	EPA 200.8
Vanadium	0.07	0.02		mg/L	03/16/2006 1427 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 954 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-006
Client Sample ID: 6AO42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	38	5		mg/L	03/23/2006 1549 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1549 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1549 WN	SM 2320B
Chloride	1	1		mg/L	03/21/2006 948 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1549 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1442 RM	EPA 353.2
Sulfate	230	1		mg/L	03/21/2006 948 LK	EPA 300.0
General Parameters						
pH	7.4	0.1		s.u.	03/23/2006 1549 WN	EPA 150.1
Electrical Conductivity	539	5		µmhos/cm	03/23/2006 1549 WN	SM 2510B
Total Dissolved Solids (180)	370	10		mg/L	03/17/2006 808 EB	SM 2540
Solids, Total Dissolved (Calc)	360	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	31	5		mg/L	03/23/2006 1549 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	124	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1320 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1721 KB	EPA 353.2
Radium 226	51.3 ± 4.2	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	13.6	0.1		mg/L	03/23/2006 958 TC	EPA 200.7
Sodium Adsorption Ratio	2.5	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	38	5		mg/L	03/23/2006 1549 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1549 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1549 WN	SM 2320B
Chloride	1	1		mg/L	03/21/2006 948 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1549 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1442 RM	EPA 353.2
Sulfate	230	1		mg/L	03/21/2006 948 LK	EPA 300.0
Cations						
Calcium	35	1		mg/L	03/23/2006 958 TC	EPA 200.7
Magnesium	9	1		mg/L	03/23/2006 958 TC	EPA 200.7
Potassium	2	1		mg/L	03/23/2006 958 TC	EPA 200.7
Sodium	65	1		mg/L	03/23/2006 958 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-006
Client Sample ID: 6AO42-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.61	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.03	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	4.79	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	1.75	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	0.71	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.04	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	2.81	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	5.33	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	5.45	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	1.09	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 958 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1438 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1438 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/23/2006 958 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1438 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 958 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1438 MS	EPA 200.8
Iron	1.36	0.05		mg/L	03/23/2006 958 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1438 MS	EPA 200.8
Manganese	0.31	0.02		mg/L	03/23/2006 958 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1102 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1438 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 958 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1438 MS	EPA 200.8
Uranium	0.0078	0.0001		mg/L	03/16/2006 1438 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1438 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 958 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-007
Client Sample ID: 6AL-40-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	450	5		mg/L	03/23/2006 1600 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1600 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1600 WN	SM 2320B
Chloride	9	1		mg/L	03/21/2006 958 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1600 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	03/20/2006 1443 RM	EPA 353.2
Sulfate	171	1		mg/L	03/21/2006 958 LK	EPA 300.0
General Parameters						
pH	8.3	0.1		s.u.	03/23/2006 1600 WN	EPA 150.1
Electrical Conductivity	980	5		µmhos/cm	03/23/2006 1600 WN	SM 2510B
Total Dissolved Solids (180)	630	10		mg/L	03/17/2006 812 EB	SM 2540
Solids, Total Dissolved (Calc)	650	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	369	5		mg/L	03/23/2006 1600 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	165	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/21/2006 1321 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1722 KB	EPA 353.2
Radium 226	229.0 ± 8.2	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	6.3	0.1		mg/L	03/23/2006 1012 TC	EPA 200.7
Sodium Adsorption Ratio	6.2	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	450	5		mg/L	03/23/2006 1600 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1600 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1600 WN	SM 2320B
Chloride	9	1		mg/L	03/21/2006 958 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1600 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.07	0.05		mg/L	03/20/2006 1443 RM	EPA 353.2
Sulfate	171	1		mg/L	03/21/2006 958 LK	EPA 300.0
Cations						
Calcium	48	1		mg/L	03/23/2006 1012 TC	EPA 200.7
Magnesium	11	1		mg/L	03/23/2006 1012 TC	EPA 200.7
Potassium	5	1		mg/L	03/23/2006 1012 TC	EPA 200.7
Sodium	184	1		mg/L	03/23/2006 1012 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-007
Client Sample ID: 6AL-40-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.38	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.26	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	3.56	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	2.38	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	0.92	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.12	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	8.00	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	11.43	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	11.21	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	0.98	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1012 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1447 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1447 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/23/2006 1012 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1447 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1012 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1447 MS	EPA 200.8
Iron	0.11	0.05		mg/L	03/23/2006 1012 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1447 MS	EPA 200.8
Manganese	0.12	0.02		mg/L	03/23/2006 1012 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1111 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1447 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1012 TC	EPA 200.7
Selenium	0.061	0.005		mg/L	03/16/2006 1447 MS	EPA 200.8
Uranium	1.07	0.0001		mg/L	03/16/2006 1447 MS	EPA 200.8
Vanadium	0.03	0.02		mg/L	03/16/2006 1447 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1012 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-008
Client Sample ID: 6AL31-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	502	5		mg/L	03/23/2006 1612 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1612 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1612 WN	SM 2320B
Chloride	10	1		mg/L	03/21/2006 1008 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1612 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1444 RM	EPA 353.2
Sulfate	581	1		mg/L	03/21/2006 1008 LK	EPA 300.0
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1612 WN	EPA 150.1
Electrical Conductivity	1820	5		µmhos/cm	03/23/2006 1612 WN	SM 2510B
Total Dissolved Solids (180)	1260	10		mg/L	03/17/2006 816 EB	SM 2540
Solids, Total Dissolved (Calc)	1260	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	411	5		mg/L	03/23/2006 1612 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	281	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1322 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1723 KB	EPA 353.2
Radium 226	180.0 ± 7.3	0.2		pCi/L	03/27/2006 125 SH	SM 7500 RA B
Silica as SiO2	9.2	0.1		mg/L	03/23/2006 1015 TC	EPA 200.7
Sodium Adsorption Ratio	8.1	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	502	5		mg/L	03/23/2006 1612 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1612 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1612 WN	SM 2320B
Chloride	10	1		mg/L	03/21/2006 1008 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1612 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1444 RM	EPA 353.2
Sulfate	581	1		mg/L	03/21/2006 1008 LK	EPA 300.0
Cations						
Calcium	79	1		mg/L	03/23/2006 1015 TC	EPA 200.7
Magnesium	20	1		mg/L	03/23/2006 1015 TC	EPA 200.7
Potassium	8	1		mg/L	03/23/2006 1015 TC	EPA 200.7
Sodium	313	1		mg/L	03/23/2006 1015 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-008
Client Sample ID: 6AL31-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	8.22	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.28	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	12.09	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	3.94	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	1.67	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.19	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	13.60	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	19.42	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	20.61	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	2.97	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1015 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1450 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1450 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1015 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1450 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1015 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1450 MS	EPA 200.8
Iron	1.91	0.05		mg/L	03/23/2006 1015 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1450 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	03/23/2006 1015 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1118 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1450 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1015 TC	EPA 200.7
Selenium	0.007	0.005		mg/L	03/16/2006 1450 MS	EPA 200.8
Uranium	0.371	0.0001		mg/L	03/16/2006 1450 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1450 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1015 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-009
Client Sample ID: 6AM36-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	754	5		mg/L	03/23/2006 1625 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1625 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1625 WN	SM 2320B
Chloride	24	1		mg/L	03/21/2006 1017 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1625 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1445 RM	EPA 353.2
Sulfate	407	1		mg/L	03/21/2006 1017 LK	EPA 300.0
General Parameters						
pH	8.0	0.1		s.u.	03/23/2006 1625 WN	EPA 150.1
Electrical Conductivity	1790	5		µmhos/cm	03/23/2006 1625 WN	SM 2510B
Total Dissolved Solids (180)	1220	10		mg/L	03/17/2006 820 EB	SM 2540
Solids, Total Dissolved (Calc)	1250	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	618	5		mg/L	03/23/2006 1625 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	323	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1323 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1724 KB	EPA 353.2
Radium 226	249.1 ± 8.3	0.2		pCi/L	03/30/2006 1255 SH	SM 7500 RA B
Silica as SiO2	8.7	0.1		mg/L	03/23/2006 1018 TC	EPA 200.7
Sodium Adsorption Ratio	8.0	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	754	5		mg/L	03/23/2006 1625 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1625 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1625 WN	SM 2320B
Chloride	24	1		mg/L	03/21/2006 1017 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1625 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1445 RM	EPA 353.2
Sulfate	407	1		mg/L	03/21/2006 1017 LK	EPA 300.0
Cations						
Calcium	88	1		mg/L	03/23/2006 1018 TC	EPA 200.7
Magnesium	26	1		mg/L	03/23/2006 1018 TC	EPA 200.7
Potassium	8	1		mg/L	03/23/2006 1018 TC	EPA 200.7
Sodium	333	1		mg/L	03/23/2006 1018 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-009
Client Sample ID: 6AM36-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.35	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.67	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	8.46	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	4.36	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	2.09	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.19	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	14.47	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	21.13	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	21.49	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	0.85	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1018 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1453 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1453 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/23/2006 1018 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1453 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1018 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1453 MS	EPA 200.8
Iron	0.46	0.05		mg/L	03/23/2006 1018 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1453 MS	EPA 200.8
Manganese	0.23	0.02		mg/L	03/23/2006 1018 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1120 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1453 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1018 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1453 MS	EPA 200.8
Uranium	0.274	0.0001		mg/L	03/16/2006 1453 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1453 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1018 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-010
Client Sample ID: 6AL35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	652	5		mg/L	03/23/2006 1637 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1637 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1637 WN	SM 2320B
Chloride	27	1		mg/L	03/21/2006 1027 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1637 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1446 RM	EPA 353.2
Sulfate	391	1		mg/L	03/21/2006 1027 LK	EPA 300.0
General Parameters						
pH	8.1	0.1		s.u.	03/23/2006 1637 WN	EPA 150.1
Electrical Conductivity	1660	5		µmhos/cm	03/23/2006 1637 WN	SM 2510B
Total Dissolved Solids (180)	1120	10		mg/L	03/17/2006 824 EB	SM 2540
Solids, Total Dissolved (Calc)	1150	10		mg/L	03/24/2006 1304 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/23/2006 000 WN	SM 2310B
Alkalinity, Total (As CaCO3)	534	5		mg/L	03/23/2006 1637 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	278	1		mg/L	03/24/2006 1304 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.8	0.1		mg/L	03/21/2006 1324 RM	EPA 350.1
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	03/16/2006 1725 KB	EPA 353.2
Radium 226	277.1 ± 8.6	0.2		pCi/L	03/30/2006 1255 SH	SM 7500 RA B
Silica as SiO2	9.1	0.1		mg/L	03/23/2006 1022 TC	EPA 200.7
Sodium Adsorption Ratio	8.0	0.1			03/24/2006 1304 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	652	5		mg/L	03/23/2006 1637 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/23/2006 1637 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/23/2006 1637 WN	SM 2320B
Chloride	27	1		mg/L	03/21/2006 1027 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/23/2006 1637 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1446 RM	EPA 353.2
Sulfate	391	1		mg/L	03/21/2006 1027 LK	EPA 300.0
Cations						
Calcium	78	1		mg/L	03/23/2006 1022 TC	EPA 200.7
Magnesium	20	1		mg/L	03/23/2006 1022 TC	EPA 200.7
Potassium	8	1		mg/L	03/23/2006 1022 TC	EPA 200.7
Sodium	308	1		mg/L	03/23/2006 1022 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 3/31/2006
Report ID: S0603191001

Work Order: S0603191
Collection Date: 3/15/2006
Date Received: 3/15/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603191-010
Client Sample ID: 6AL35-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.68	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Chloride	0.76	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Fluoride	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sulfate	8.15	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Calcium	3.89	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Magnesium	1.65	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Potassium	0.19	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Sodium	13.37	0.01		meq/L	03/24/2006 1304 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	19.12	0		meq/L	03/24/2006 1304 WN	SM 1030F
Anion Sum	19.60	0		meq/L	03/24/2006 1304 WN	SM 1030F
Cation-Anion Balance	1.24	0		%	03/24/2006 1304 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/23/2006 1022 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1456 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1456 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/23/2006 1022 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1456 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/23/2006 1022 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1456 MS	EPA 200.8
Iron	1.89	0.05		mg/L	03/23/2006 1022 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1456 MS	EPA 200.8
Manganese	0.25	0.02		mg/L	03/23/2006 1022 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1122 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1456 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/23/2006 1022 TC	EPA 200.7
Selenium	0.064	0.005		mg/L	03/16/2006 1456 MS	EPA 200.8
Uranium	6.14	0.0001		mg/L	03/16/2006 1456 MS	EPA 200.8
Vanadium	0.09	0.02		mg/L	03/16/2006 1456 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/23/2006 1022 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

SAMPLE SUBMITTAL AND CHAIN OF CUSTODY FORM

COGEMA Mining Inc.; PO Box 730 Mills, WY 82644
Phone 464-1429 (Christensen Mine) or 234-5019 (Mills Office)

Samples shipped to Inter-mountain lab sheridan,wy

Submitted by Jane Richards Date 3/14/06 Received by Karen Bark Date 3/14/06 1700

Restoration Sample Description
Location: ___ Irigaray X Christensen Mine or Production Unit 6e Module # (if applicale) _____

Restoration Phase: ___ Groundwater Sweep (explain_____)
___ Reverse Osmosis Filtration (explain_____)
___ Recirculation (explain_____)
X Stabilization (explain Sound 4)

*Analysis Requested: DEQ Guideline # 8 (Ca, Mg, Na, K, CO3, HCO3, SO4, Cl, NH4, NO2, NO3, TDS, Cond., Tot. Alk., pH, SiO2, Al, As, Ba, B, Cd, Cr, Cu, F, Fe, Pb, Mn, Hg, Mo, Ni, Se, Zn, U, V, Ra226)

Send Analysis Results to : Tom nicholson

#	Identification Name	Sample Date	Sample Volume	Water Sample Preservation (X) Filtered	Not Filt.	HNO3	H2SO4	Lab id	Comments
1	6AQ56-1	3/14/06	Half Gal.	X		X		S0603176-001	
			Quart	X					"
			8 ozs.		X				"
			8 ozs.	X			X		"
2	6AQ52-1		**	**	**	**	**		002
3	6AN47-1		**	**	**	**	**		003
4	6AS47-1		**	**	**	**	**		004
5	6AQ46-1		**	**	**	**	**		005
6	6AT51-1		**	**	**	**	**		006
7	6AI63-3		**	**	**	**	**		007
8	NPHW-7		**	**	**	**	**		008
9	~~7AS65-1~~		**	**	**	**	**		00
10	~~6AP61-2~~		**	**	**	**	**		
11	6AG68-1		**	**	**	**	**		009
12	6AD61-1		**	**	**	**	**		010
13			**	**	**	**	**		
14			**	**	**	**	**		
15			**	**	**	**	**		

*All analysis will be performed in accordance with EPA approved prcedures and/or the latest edition of Standard Methods.
** Same as sample #1 L:\LARRY\[pvdsub.xls]pvdsub

Inter-Mountain Laboratories **Date:** *01-Apr-06*

CLIENT: Cogema Mining Inc.
Project: Cogema Christensen Mine
Lab Order: S0603176

CASE NARRATIVE

Report ID: S0603176001

Samples 6AD61-1, 6AG68-1, 6AI63-3, 6AN47-1, 6AQ46-1, 6AQ52-1, 6AQ56-1, 6AS47-1, 6AT51-1, and NPHW-7 were received on March 14, 2006.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-001
Client Sample ID: 6AQ56-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	03/20/2006 1229 WN	EPA 150.1
Electrical Conductivity	2060	5		µmhos/cm	03/20/2006 1229 WN	SM 2510B
Total Dissolved Solids (180)	1410	10		mg/L	03/15/2006 1339 EB	SM 2540
Solids, Total Dissolved (Calc)	1450	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	679	5		mg/L	03/20/2006 1229 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	351	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/21/2006 1253 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1531 LK	EPA 300.0
Radium 226	95.6±5.1	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	7.8	0.1		mg/L	03/21/2006 1018 TC	EPA 200.7
Sodium Adsorption Ratio	9.0	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	829	5		mg/L	03/20/2006 1229 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1229 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1229 WN	SM 2320B
Chloride	22	1		mg/L	03/15/2006 1531 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1229 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1419 RM	EPA 353.2
Sulfate	505	1		mg/L	03/15/2006 1531 LK	EPA 300.0
Cations						
Calcium	99	1		mg/L	03/21/2006 1018 TC	EPA 200.7
Magnesium	26	1		mg/L	03/21/2006 1018 TC	EPA 200.7
Potassium	8	1		mg/L	03/21/2006 1018 TC	EPA 200.7
Sodium	386	1		mg/L	03/21/2006 1018 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-001
Client Sample ID: 6AQ56-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	13.59	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.62	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	10.51	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	4.91	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	2.09	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.21	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	16.76	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	23.99	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	24.73	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	1.50	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1018 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1238 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1238 MS	EPA 200.8
Boron	0.09	0.03		mg/L	03/21/2006 1018 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1238 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1018 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1238 MS	EPA 200.8
Iron	0.13	0.05		mg/L	03/21/2006 1018 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1238 MS	EPA 200.8
Manganese	0.22	0.02		mg/L	03/21/2006 1018 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1154 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1238 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1018 TC	EPA 200.7
Selenium	0.027	0.005		mg/L	03/16/2006 1238 MS	EPA 200.8
Uranium	0.202	0.0001		mg/L	03/16/2006 1238 MS	EPA 200.8
Vanadium	0.02	0.02		mg/L	03/16/2006 1238 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1018 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-002
Client Sample ID: 6AQ52-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.0	0.1		s.u.	03/20/2006 1241 WN	EPA 150.1
Electrical Conductivity	2340	5		µmhos/cm	03/20/2006 1241 WN	SM 2510B
Total Dissolved Solids (180)	1670	10		mg/L	03/15/2006 1342 EB	SM 2540
Solids, Total Dissolved (Calc)	1710	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	617	5		mg/L	03/20/2006 1241 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	448	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1254 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1541 LK	EPA 300.0
Radium 226	105.3±5.4	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	8.5	0.1		mg/L	03/21/2006 1022 TC	EPA 200.7
Sodium Adsorption Ratio	8.5	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	752	5		mg/L	03/20/2006 1241 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1241 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1241 WN	SM 2320B
Chloride	32	1		mg/L	03/15/2006 1541 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1241 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1420 RM	EPA 353.2
Sulfate	720	1		mg/L	03/15/2006 1541 LK	EPA 300.0
Cations						
Calcium	131	1		mg/L	03/21/2006 1022 TC	EPA 200.7
Magnesium	29	1		mg/L	03/21/2006 1022 TC	EPA 200.7
Potassium	10	1		mg/L	03/21/2006 1022 TC	EPA 200.7
Sodium	414	1		mg/L	03/21/2006 1022 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-002
Client Sample ID: 6AQ52-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	12.33	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.90	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	14.99	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	6.55	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	2.40	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.25	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	18.02	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	27.24	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	28.24	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	1.80	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1022 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1246 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1246 MS	EPA 200.8
Boron	0.09	0.03		mg/L	03/21/2006 1022 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1246 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1022 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1246 MS	EPA 200.8
Iron	0.10	0.05		mg/L	03/21/2006 1022 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1246 MS	EPA 200.8
Manganese	0.27	0.02		mg/L	03/21/2006 1022 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1156 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1246 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1022 TC	EPA 200.7
Selenium	0.013	0.005		mg/L	03/16/2006 1246 MS	EPA 200.8
Uranium	0.172	0.0001		mg/L	03/16/2006 1246 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1246 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1022 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-003
Client Sample ID: 6AN47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.3	0.1		s.u.	03/20/2006 1250 WN	EPA 150.1
Electrical Conductivity	406	5		µmhos/cm	03/20/2006 1250 WN	SM 2510B
Total Dissolved Solids (180)	250	10		mg/L	03/15/2006 1345 EB	SM 2540
Solids, Total Dissolved (Calc)	260	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	67	5		mg/L	03/20/2006 1250 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	57	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1255 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1550 LK	EPA 300.0
Radium 226	30.4±2.9	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	10.8	0.1		mg/L	03/21/2006 1025 TC	EPA 200.7
Sodium Adsorption Ratio	3.7	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	82	5		mg/L	03/20/2006 1250 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1250 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1250 WN	SM 2320B
Chloride	4	1		mg/L	03/28/2006 749 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1250 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1421 RM	EPA 353.2
Sulfate	129	1		mg/L	03/28/2006 749 LK	EPA 300.0
Cations						
Calcium	17	1		mg/L	03/21/2006 1025 TC	EPA 200.7
Magnesium	4	1		mg/L	03/21/2006 1025 TC	EPA 200.7
Potassium	1	1		mg/L	03/21/2006 1025 TC	EPA 200.7
Sodium	64	1		mg/L	03/21/2006 1025 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-003
Client Sample ID: 6AN47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.33	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.11	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	2.68	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	0.84	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	0.28	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	2.79	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	3.96	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	4.13	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	2.17	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1025 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1249 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1249 MS	EPA 200.8
Boron	0.06	0.03		mg/L	03/21/2006 1025 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1249 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1025 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1249 MS	EPA 200.8
Iron	0.81	0.05		mg/L	03/21/2006 1025 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1249 MS	EPA 200.8
Manganese	0.20	0.02		mg/L	03/21/2006 1025 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1157 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1249 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1025 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1249 MS	EPA 200.8
Uranium	0.0057	0.0001		mg/L	03/16/2006 1249 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1249 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1025 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter-Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-004
Client Sample ID: 6AS47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.8	0.1		s.u.	03/20/2006 1301 WN	EPA 150.1
Electrical Conductivity	987	5		µmhos/cm	03/20/2006 1301 WN	SM 2510B
Total Dissolved Solids (180)	680	10		mg/L	03/15/2006 1348 EB	SM 2540
Solids, Total Dissolved (Calc)	700	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	148	5		mg/L	03/20/2006 1301 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	211	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1302 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1600 LK	EPA 300.0
Radium 226	94.0±5.0	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	8.2	0.1		mg/L	03/21/2006 1029 TC	EPA 200.7
Sodium Adsorption Ratio	4.4	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	180	5		mg/L	03/20/2006 1301 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1301 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1301 WN	SM 2320B
Chloride	5	1		mg/L	03/15/2006 1600 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1301 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1422 RM	EPA 353.2
Sulfate	379	1		mg/L	03/15/2006 1600 LK	EPA 300.0
Cations						
Calcium	63	1		mg/L	03/21/2006 1029 TC	EPA 200.7
Magnesium	13	1		mg/L	03/21/2006 1029 TC	EPA 200.7
Potassium	2	1		mg/L	03/21/2006 1029 TC	EPA 200.7
Sodium	149	1		mg/L	03/21/2006 1029 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-004
Client Sample ID: 6AS47-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	2.95	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.14	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	7.88	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	3.12	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	1.08	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.05	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	6.46	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	10.73	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	10.98	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	1.16	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1029 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1252 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1252 MS	EPA 200.8
Boron	0.05	0.03		mg/L	03/21/2006 1029 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1252 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1029 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1252 MS	EPA 200.8
Iron	0.73	0.05		mg/L	03/21/2006 1029 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1252 MS	EPA 200.8
Manganese	0.13	0.02		mg/L	03/21/2006 1029 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1202 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1252 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1029 TC	EPA 200.7
Selenium	0.012	0.005		mg/L	03/16/2006 1252 MS	EPA 200.8
Uranium	0.463	0.0001		mg/L	03/16/2006 1252 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1252 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1029 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-005
Client Sample ID: 6AQ46-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.9	0.1		s.u.	03/20/2006 1313 WN	EPA 150.1
Electrical Conductivity	1930	5		µmhos/cm	03/20/2006 1313 WN	SM 2510B
Total Dissolved Solids (180)	1370	10		mg/L	03/15/2006 1351 EB	SM 2540
Solids, Total Dissolved (Calc)	1420	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	537	5		mg/L	03/20/2006 1313 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	403	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.2	0.1		mg/L	03/28/2006 907 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1610 LK	EPA 300.0
Radium 226	220.6±7.7	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	7.7	0.1		mg/L	03/21/2006 1032 TC	EPA 200.7
Sodium Adsorption Ratio	7.4	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	656	5		mg/L	03/20/2006 1313 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1313 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1313 WN	SM 2320B
Chloride	17	1		mg/L	03/15/2006 1610 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1313 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	0.09	0.05		mg/L	03/20/2006 1423 RM	EPA 353.2
Sulfate	583	1		mg/L	03/15/2006 1610 LK	EPA 300.0
Cations						
Calcium	116	1		mg/L	03/21/2006 1032 TC	EPA 200.7
Magnesium	28	1		mg/L	03/21/2006 1032 TC	EPA 200.7
Potassium	8	1		mg/L	03/21/2006 1032 TC	EPA 200.7
Sodium	341	1		mg/L	03/21/2006 1032 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-005
Client Sample ID: 6AQ46-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	10.75	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.46	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	12.14	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	5.77	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	2.28	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.20	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	14.85	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	23.12	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	23.36	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	0.51	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1032 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1255 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1255 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/21/2006 1032 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1255 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1032 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1255 MS	EPA 200.8
Iron	0.29	0.05		mg/L	03/21/2006 1032 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1255 MS	EPA 200.8
Manganese	0.29	0.02		mg/L	03/21/2006 1032 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1204 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1255 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1032 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1255 MS	EPA 200.8
Uranium	0.908	0.0001		mg/L	03/16/2006 1255 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1255 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1032 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-006
Client Sample ID: 6AT51-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/20/2006 1323 WN	EPA 150.1
Electrical Conductivity	1530	5		µmhos/cm	03/20/2006 1323 WN	SM 2510B
Total Dissolved Solids (180)	1060	10		mg/L	03/15/2006 1354 EB	SM 2540
Solids, Total Dissolved (Calc)	1100	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	260	5		mg/L	03/20/2006 1323 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	186	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1303 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1619 LK	EPA 300.0
Radium 226	97.3±5.1	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	9.9	0.1		mg/L	03/21/2006 1046 TC	EPA 200.7
Sodium Adsorption Ratio	9.5	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	317	5		mg/L	03/20/2006 1323 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1323 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1323 WN	SM 2320B
Chloride	8	1		mg/L	03/15/2006 1619 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1323 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1425 RM	EPA 353.2
Sulfate	560	1		mg/L	03/15/2006 1619 LK	EPA 300.0
Cations						
Calcium	55	1		mg/L	03/21/2006 1046 TC	EPA 200.7
Magnesium	12	1		mg/L	03/21/2006 1046 TC	EPA 200.7
Potassium	6	1		mg/L	03/21/2006 1046 TC	EPA 200.7
Sodium	298	1		mg/L	03/21/2006 1046 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-006
Client Sample ID: 6AT51-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	5.20	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.22	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	11.66	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	2.75	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	0.96	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.16	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	12.95	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	16.84	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	17.08	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	0.72	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1046 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1258 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1258 MS	EPA 200.8
Boron	0.08	0.03		mg/L	03/21/2006 1046 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1258 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1046 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1258 MS	EPA 200.8
Iron	ND	0.05		mg/L	03/21/2006 1046 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1258 MS	EPA 200.8
Manganese	0.02	0.02		mg/L	03/21/2006 1046 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/16/2006 1210 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1258 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1046 TC	EPA 200.7
Selenium	0.049	0.005		mg/L	03/16/2006 1258 MS	EPA 200.8
Uranium	1.03	0.0001		mg/L	03/16/2006 1258 MS	EPA 200.8
Vanadium	0.16	0.02		mg/L	03/16/2006 1258 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1046 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-007
Client Sample ID: 6AI63-3
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.1	0.1		s.u.	03/20/2006 1334 WN	EPA 150.1
Electrical Conductivity	493	5		µmhos/cm	03/20/2006 1334 WN	SM 2510B
Total Dissolved Solids (180)	330	10		mg/L	03/15/2006 1357 EB	SM 2540
Solids, Total Dissolved (Calc)	330	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	70	5		mg/L	03/31/2006 1450 KB	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	106	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1304 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1629 LK	EPA 300.0
Radium 226	84.2±4.7	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	28.8	0.1		mg/L	03/21/2006 1049 TC	EPA 200.7
Sodium Adsorption Ratio	2.7	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	86	5		mg/L	03/31/2006 1450 KB	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/31/2006 1450 KB	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/31/2006 1450 KB	SM 2320B
Chloride	3	1		mg/L	03/15/2006 1629 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1334 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1426 RM	EPA 353.2
Sulfate	177	1		mg/L	03/28/2006 759 LK	EPA 300.0
Cations						
Calcium	33	1		mg/L	03/23/2006 852 TC	EPA 200.7
Magnesium	6	1		mg/L	03/23/2006 852 TC	EPA 200.7
Potassium	1	1		mg/L	03/21/2006 1049 TC	EPA 200.7
Sodium	64	1		mg/L	03/23/2006 852 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-007
Client Sample ID: 6AI63-3
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	1.40	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.08	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	3.67	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	1.64	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	0.46	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.02	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	2.75	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	4.91	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	5.17	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	2.49	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1049 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1301 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1301 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/21/2006 1049 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1301 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1049 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1301 MS	EPA 200.8
Iron	0.18	0.05		mg/L	03/21/2006 1049 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1301 MS	EPA 200.8
Manganese	0.16	0.02		mg/L	03/21/2006 1049 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1036 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1301 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1049 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1301 MS	EPA 200.8
Uranium	0.0246	0.0001		mg/L	03/16/2006 1301 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1301 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1049 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-008
Client Sample ID: NPHW-7
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	8.1	0.1		s.u.	03/20/2006 1346 WN	EPA 150.1
Electrical Conductivity	1010	5		µmhos/cm	03/20/2006 1346 WN	SM 2510B
Total Dissolved Solids (180)	650	10		mg/L	03/15/2006 1400 EB	SM 2540
Solids, Total Dissolved (Calc)	660	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	393	5		mg/L	03/20/2006 1346 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	106	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1305 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1717 LK	EPA 300.0
Radium 226	60.2±4.2	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	7.5	0.1		mg/L	03/21/2006 1053 TC	EPA 200.7
Sodium Adsorption Ratio	9.0	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	479	5		mg/L	03/20/2006 1346 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1346 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1346 WN	SM 2320B
Chloride	9	1		mg/L	03/15/2006 1717 LK	EPA 300.0
Fluoride	0.1	0.1		mg/L	03/20/2006 1346 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1427 RM	EPA 353.2
Sulfate	161	1		mg/L	03/15/2006 1717 LK	EPA 300.0
Cations						
Calcium	30	1		mg/L	03/21/2006 1053 TC	EPA 200.7
Magnesium	8	1		mg/L	03/21/2006 1053 TC	EPA 200.7
Potassium	5	1		mg/L	03/21/2006 1053 TC	EPA 200.7
Sodium	214	1		mg/L	03/21/2006 1053 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-008
Client Sample ID: NPHW-7
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.85	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.26	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	3.34	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	1.48	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	0.63	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.11	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	9.31	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	11.54	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	11.47	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	0.31	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1053 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1304 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1304 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/21/2006 1053 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1304 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1053 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1304 MS	EPA 200.8
Iron	0.06	0.05		mg/L	03/21/2006 1053 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1304 MS	EPA 200.8
Manganese	0.05	0.02		mg/L	03/21/2006 1053 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1046 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1304 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1053 TC	EPA 200.7
Selenium	0.022	0.005		mg/L	03/16/2006 1304 MS	EPA 200.8
Uranium	4.27	0.0001		mg/L	03/16/2006 1304 MS	EPA 200.8
Vanadium	0.07	0.02		mg/L	03/16/2006 1304 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1053 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-009
Client Sample ID: 6AG68-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.2	0.1		s.u.	03/20/2006 1409 WN	EPA 150.1
Electrical Conductivity	410	5		µmhos/cm	03/20/2006 1409 WN	SM 2510B
Total Dissolved Solids (180)	290	10		mg/L	03/15/2006 1403 EB	SM 2540
Solids, Total Dissolved (Calc)	260	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	46	5		mg/L	03/20/2006 1409 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	91	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	ND	0.1		mg/L	03/21/2006 1306 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1737 LK	EPA 300.0
Radium 226	69.9±4.5	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	32.7	0.1		mg/L	03/21/2006 1056 TC	EPA 200.7
Sodium Adsorption Ratio	2.2	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	57	5		mg/L	03/20/2006 1409 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1409 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1409 WN	SM 2320B
Chloride	1	1		mg/L	03/15/2006 1737 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1409 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1428 RM	EPA 353.2
Sulfate	150	1		mg/L	03/15/2006 1737 LK	EPA 300.0
Cations						
Calcium	27	1		mg/L	03/21/2006 1056 TC	EPA 200.7
Magnesium	6	1		mg/L	03/21/2006 1056 TC	EPA 200.7
Potassium	1	1		mg/L	03/21/2006 1056 TC	EPA 200.7
Sodium	49	1		mg/L	03/21/2006 1056 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-009
Client Sample ID: 6AG68-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	0.92	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.04	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	3.12	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	1.34	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	0.46	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.03	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	2.12	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	3.97	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	4.09	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	1.50	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1056 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1307 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1307 MS	EPA 200.8
Boron	0.28	0.03		mg/L	03/21/2006 1056 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1307 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1056 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1307 MS	EPA 200.8
Iron	1.78	0.05		mg/L	03/21/2006 1056 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1307 MS	EPA 200.8
Manganese	0.11	0.02		mg/L	03/21/2006 1056 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1048 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1307 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1056 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1307 MS	EPA 200.8
Uranium	0.0064	0.0001		mg/L	03/16/2006 1307 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1307 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1056 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	L	Analyzed by a contract laboratory
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Reviewed by: _____
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-010
Client Sample ID: 6AD61-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	7.7	0.1		s.u.	03/20/2006 1420 WN	EPA 150.1
Electrical Conductivity	1180	5		µmhos/cm	03/20/2006 1420 WN	SM 2510B
Total Dissolved Solids (180)	830	10		mg/L	03/15/2006 1406 EB	SM 2540
Solids, Total Dissolved (Calc)	800	10		mg/L	04/01/2006 1023 WN	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	03/21/2006 1316 WN	SM 2310B
Alkalinity, Total (As CaCO3)	231	5		mg/L	03/20/2006 1420 WN	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	216	1		mg/L	04/01/2006 1023 WN	SM 2340B
Nitrogen, Ammonia (As N)	0.1	0.1		mg/L	03/21/2006 1307 RM	EPA 350.1
Nitrogen, Nitrite (As N)	ND	0.05		mg/L	03/15/2006 1746 LK	EPA 300.0
Radium 226	86.2±5.2	0.2		pCi/L	03/19/2006 000 TWP	SM 7500 RA B
Silica as SiO2	19.1	0.1		mg/L	03/21/2006 1100 TC	EPA 200.7
Sodium Adsorption Ratio	5.8	0.1			04/01/2006 1023 WN	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	282	5		mg/L	03/20/2006 1420 WN	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	03/20/2006 1420 WN	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	03/20/2006 1420 WN	SM 2320B
Chloride	12	1		mg/L	03/15/2006 1746 LK	EPA 300.0
Fluoride	ND	0.1		mg/L	03/20/2006 1420 WN	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	03/20/2006 1429 RM	EPA 353.2
Sulfate	374	1		mg/L	03/15/2006 1746 LK	EPA 300.0
Cations						
Calcium	61	1		mg/L	03/21/2006 1100 TC	EPA 200.7
Magnesium	16	1		mg/L	03/21/2006 1100 TC	EPA 200.7
Potassium	2	1		mg/L	03/21/2006 1100 TC	EPA 200.7
Sodium	197	1		mg/L	03/21/2006 1100 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager

Inter·Mountain Laboratories, Inc.

1673 Terra Avenue
Sheridan, WY 82801

Sample Analysis Report

CLIENT: Cogema Mining Inc.
P. O. Box 730
Mills, WY 82644

Date Reported: 4/1/2006
Report ID: S0603176001

Work Order: S0603176
Collection Date: 3/14/2006
Date Received: 3/14/2006 5:00 PM
Sampler:

Project: Cogema Christensen Mine
Lab ID: S0603176-010
Client Sample ID: 6AD61-1
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	4.62	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Chloride	0.34	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Fluoride	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sulfate	7.78	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Calcium	3.02	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Magnesium	1.29	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Potassium	0.05	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Sodium	8.56	0.01		meq/L	04/01/2006 1023 WN	SM 1030F
Cation / Anion Balance						
Cation Sum	12.94	0		meq/L	04/01/2006 1023 WN	SM 1030F
Anion Sum	12.75	0		meq/L	04/01/2006 1023 WN	SM 1030F
Cation-Anion Balance	0.73	0		%	04/01/2006 1023 WN	SM 1030F
Dissolved Metals						
Aluminum	ND	0.1		mg/L	03/21/2006 1100 TC	EPA 200.7
Arsenic	ND	0.005		mg/L	03/16/2006 1309 MS	EPA 200.8
Barium	ND	0.5		mg/L	03/16/2006 1309 MS	EPA 200.8
Boron	0.07	0.03		mg/L	03/21/2006 1100 TC	EPA 200.7
Cadmium	ND	0.002		mg/L	03/16/2006 1309 MS	EPA 200.8
Chromium	ND	0.01		mg/L	03/21/2006 1100 TC	EPA 200.7
Copper	ND	0.01		mg/L	03/16/2006 1309 MS	EPA 200.8
Iron	0.90	0.05		mg/L	03/21/2006 1100 TC	EPA 200.7
Lead	ND	0.02		mg/L	03/16/2006 1309 MS	EPA 200.8
Manganese	0.45	0.02		mg/L	03/21/2006 1100 TC	EPA 200.7
Mercury	ND	0.001		mg/L	03/21/2006 1050 PQ	EPA 245.1
Molybdenum	ND	0.02		mg/L	03/16/2006 1309 MS	EPA 200.8
Nickel	ND	0.01		mg/L	03/21/2006 1100 TC	EPA 200.7
Selenium	ND	0.005		mg/L	03/16/2006 1309 MS	EPA 200.8
Uranium	0.0835	0.0001		mg/L	03/16/2006 1309 MS	EPA 200.8
Vanadium	ND	0.02		mg/L	03/16/2006 1309 MS	EPA 200.8
Zinc	ND	0.01		mg/L	03/21/2006 1100 TC	EPA 200.7

These results apply only to the samples tested.

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- S Spike Recovery outside accepted recovery limits

Reviewed by:
Wade Nieuwsma, Project Manager