

SOIL GEOCHEMISTRY REPORT
BIG KAHUNA AND BK MINERAL CLAIMS

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JUN - 3 2009
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VANCOUVER, B.C.

BC Geological Survey
Assessment Report
30867

NELSON MINING DIVISION
LEADVILLE CREEK AREA
SOUTHEAST BC

WORK PERFORMED SUMMER 2008

OWNER: SEAN KENNEDY, CRAIG KENNEDY
OPERATOR: KOOTENAY GOLD INC.
VANCOUVER, BRITISH COLUMBIA

GEOLOGICAL SURVEY BRANCH
2009-05-03

REPORT WRITTEN BY SEAN KENNEDY, PROSPECTOR

MAY 2009

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Soil Geochemistry Report

TOTAL COST: \$17,360.50

AUTHOR(S): Sean Kennedy

SIGNATURE(S): 

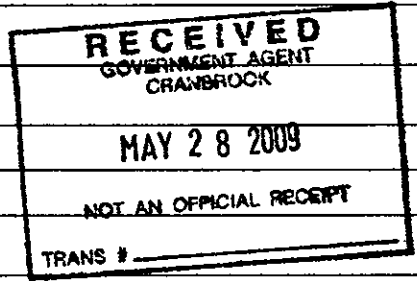
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2008

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4266640

PROPERTY NAME: Big Kahuna

CLAIM NAME(S) (on which the work was done): 55213, 55214, 533885, 577658



COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: _____

MINING DIVISION: Nelson

NTS/BCGS: _____

LATITUDE: _____ ° _____ ' _____ "

LONGITUDE: _____ ° _____ ' _____ "

(at centre of work)

OWNER(S):

1) Sean Kennedy

2) Craig Kennedy

MAILING ADDRESS:

272 Kimbrook Cr. V1A 3A7

Kimberley, BC

2290 DeWolfe Ave V1A 1P5

Kimberley, BC

OPERATOR(S) [who paid for the work]:

1) Kootenay Gold Inc.

2) _____

MAILING ADDRESS:

Suite 960 1055 W. Hastings Street

Vancouver, BC

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Gold hosted in Old Baldy Fault System, middle Proterozoic Creston and Middle Aldridge Formation. Shear zones are silicified, albitized, hematite/chlorite/carbonate altered.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: _____

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (Incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOFYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil 459		55213, 55214, 533885, 577658	\$16,260.50
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other Report writing, office costs			\$1,100
TOTAL COST:			\$17,360.50

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INTRODUCTION

During the summer of 2008 a soil geochemistry program was conducted on the Big Kahuna property. 459 samples were collected and analyzed from one grid as well as one line run above a road. The Big Kahuna property is located along the Old Baldy Fault system, a northeast trending zone of shearing that host significant gold mineralization to the north at the David deposit. Previous prospecting and rock geochemistry had identified a number of potential areas for shear zone hosted gold. In 2008 a soil grid was utilized to help explore an area with favourable geology but poor bedrock exposure. A single line was also run above a road for reconnaissance purposes.

LOCATION AND ACCESS

The property is located approximately 33 km northeast of Creston near the headwaters of Leadville Creek, a west draining tributary of the lower Goat River. The property is accessed by heading north along the main Goat River FSR, taking a right and driving east up the main Leadville Creek FSR, a large network of logging spur roads provide additional access to the property.

PROPERTY

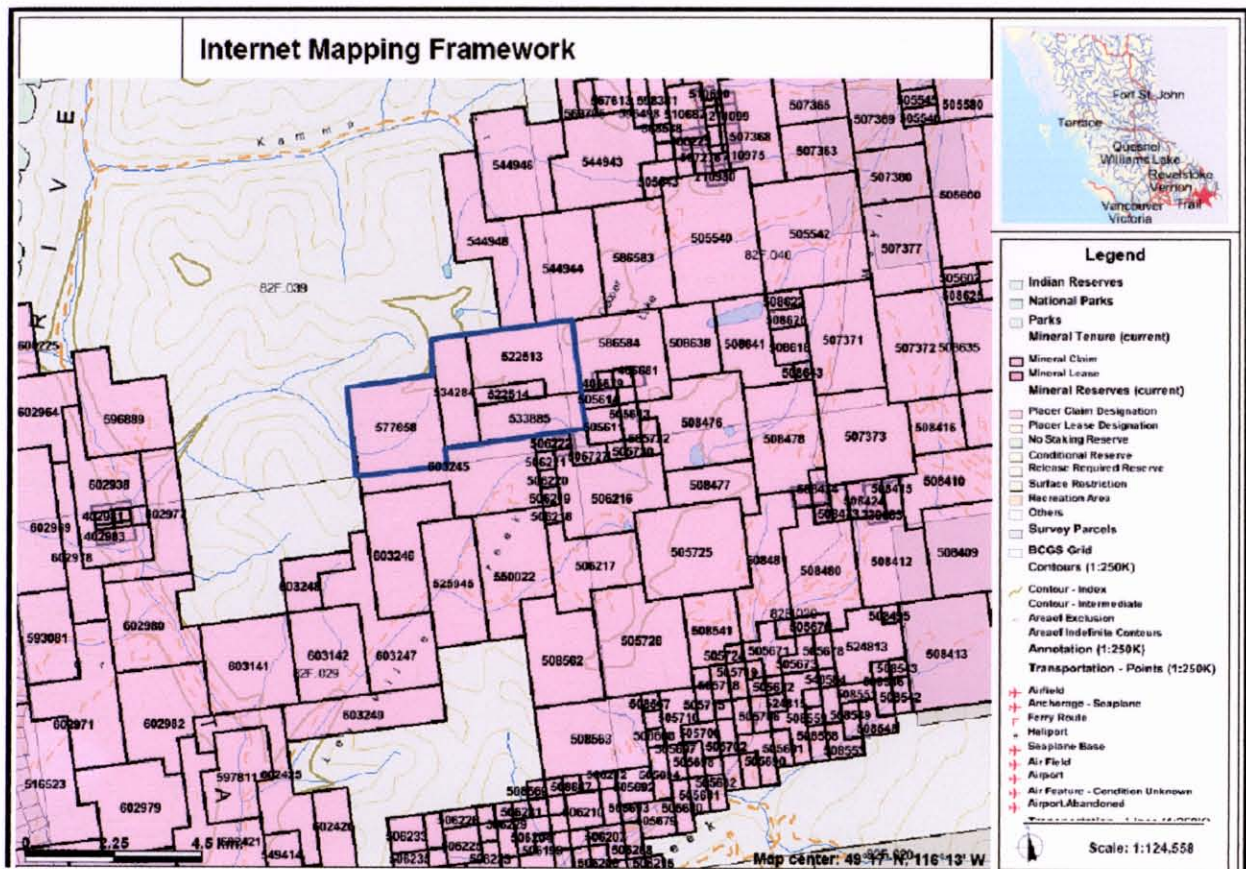
The property consists of mineral tenure numbers 533885, 522513, 522514, 534284, and 5577658. These claims are wholly owned by Craig Kennedy and Sean Kennedy both of Kimberley, BC. Currently work on the property is being funded by Kootenay Gold Inc. of Vancouver, BC.

PHYSIOGRAPHY

The area is timbered with spruce, balsam, fir, and lodgepole pine. Vegetation under forest cover is typified by huckleberry, mountain alder, and beargrass. Virtually all of the property is below tree line with only ridgetop areas opening up more and containing fewer trees. Slopes are generally moderate with some cliffy sections, predominantly on the north draining basins over the Leadville Creek/Kamma Creek ridge.

HISTORY

The area has been investigated previously for gold mineralization in the early 1990s by current owner Craig Kennedy. A shear zone with high-grade gold and silver values associated with narrow tetrahedrite veins was discovered during this program. Follow up work consisted of some limited soil sampling and prospecting. Prospecting in the mid 1990s discovered a number of tourmalinite fragmentals with lead and zinc mineralization across Leadville Creek from the original area of interest, the entire area was then explored for a potential Sullivan-style sedex target during which time a geological mapping program was undertaken. Recently more grassroots prospecting and rock geochemistry has been completed on the property as well as a compilation of existing data. Only one old pit is known of on the property.



Map showing property outline in blue, regional location at top right

GEOLOGY

The area is underlain by clastic sediments of the Middle Aldridge and Creston Formations, part of the Proterozoic Belt-Purcell Supergroup.

Structure in the area is dominated by the northwest trending Leadville Creek Fault and northeast trending Old Baldy Fault. Significant evidence in the form of Sullivan-style tourmalinization and base metal mineralization, fragmentals, gabbros sills and dykes, and sedimentary bedding features define the Leadville Creek Fault as an old structure active during deposition. Lamprophyre dykes often associated with mid-Cretaceous Bayonne suite intrusions and carbonatite dykes along the fault show that the structure was active into probably the mid-Cretaceous. The other major structure in the area is the Old Baldy Fault system. This system is characterized by northeast trending shear zones with intense silicification, pyrite, sericite, albite, chlorite, carbonate and hematite. A number of lode gold occurrences are located along this system. The Old Baldy Fault system offsets Middle Aldridge against Creston Formation in this area.

Igneous rocks in the area are comprised of syngenetic gabbros and diorites termed Moyie sills, lamprophyre dykes, and diatreme/carbonatites, no granitic rocks have been seen to date.

SOIL GEOCHEMISTRY

459 soil samples were collected from the property, most were from a grid started at UTM 557900/5461980. Lines were spaced 100 meters apart with samples collected every 25 meters from the B soil horizon. A base line was run from the start point west for a distance of 1700 meters with wing lines run for a distance of 500 meters north. A grid location map is located on page 7, a grid with samples plotted for gold in ppb is located in the sleeve. Samples were sent to Acme Labs in Vancouver and analyzed for 31 element ICP plus ppb Au.

Soils were plotted for gold with a plotting scheme of 10-19 ppb as a low anomaly, 20-49 ppb as moderate anomaly, 50-99 ppb as a significant anomaly, and anything over 100 ppb as a high anomaly. Results from the grid outlined a number of anomalies for gold. A significant gold anomaly appears to have a northeast trend and is open along the northeast and south central portion of the grid. This anomaly has a linear strike of over 700 meters with an average width of about 300 meters. The highest gold value obtained was from this part of the grid at 424 ppb, as well as 361, 168, and 111 ppb. Another anomaly is located in the central part of the grid, it is more of an egg type feature with a long axis along an east-west linear for 300 meters and a north-south width of 125 meters, this anomaly may link with two open anomalies to the north and southwest and may be related to a northeast trend. A small northeast trending anomaly is located in the northwest portion of the grid, it is also northeast trending, one value of 113 ppb Au was collected from this trend which is open to the west.

A number of other elements could act as potential pathfinders; the Blue Robin showing contains high values for arsenic, copper, antimony, lead, and zinc. Copper is the only element which coincides with the gold soil anomaly and is most pronounced with the first mentioned anomaly. A significant arsenic anomaly is along the western half of the grid and remains open.

A line was run for reconnaissance purposes above a forestry road at the pass between Leadville Creek and Cameron Creek. Previous prospecting in the area identified a zone of copper mineralization hosted by Creston Formation sediments. The soil line, run for 2000 meters picked up the copper zone and may be useful as a tool to further delineate the zone in areas of overburden. A map showing the line location with copper in ppm is located on page 8. The anomaly is over a length of approximately 550 meters with a high value of 338 ppm copper. No significant gold was identified with this line.

CONCLUSIONS AND RECOMMENDATIONS

A soil sampling program was conducted on the Big Kahuna property in southeast BC. A 500 X 1700 meter grid with samples collected at 25 meter nodes and 100 meter line spacing was targeted at potential buried auriferous shear-zones where geology appeared favourable. A number of northeast trending anomalies were identified including a 700 X 300 meter anomaly for gold with a coincident copper anomaly. A soil line was run for 2000 meters where previous prospecting had identified a zone of copper in Creston Formation sediments; this line identified a 550 meter long anomaly for copper.

The Big Kahuna mineral claims are located along the auriferous Old Baldy Fault system. This system hosts significant gold along strike to the northeast at the David deposit (approximately 30,000 ounces of gold, open at depth). The David was discovered by prospectors Craig Kennedy and Tom Kennedy following up a 100 ppb Au number; therefore the anomalies obtained during this program are very encouraging. It is recommended at this point that further prospecting should be employed to investigate the soil anomalies. Soil sampling should be done where anomalies are open. If the current areas of high gold in soils appear favourable, then trenching could be utilized to help identify bedrock. A program of regional prospecting should be done over the entire claim block. Silt samples should be collected from all available creeks. Detailed geological mapping should be incorporated to help identify areas of structural intersections and possible dilatant zones which could represent economic opportunities.

STATEMENT OF COSTS

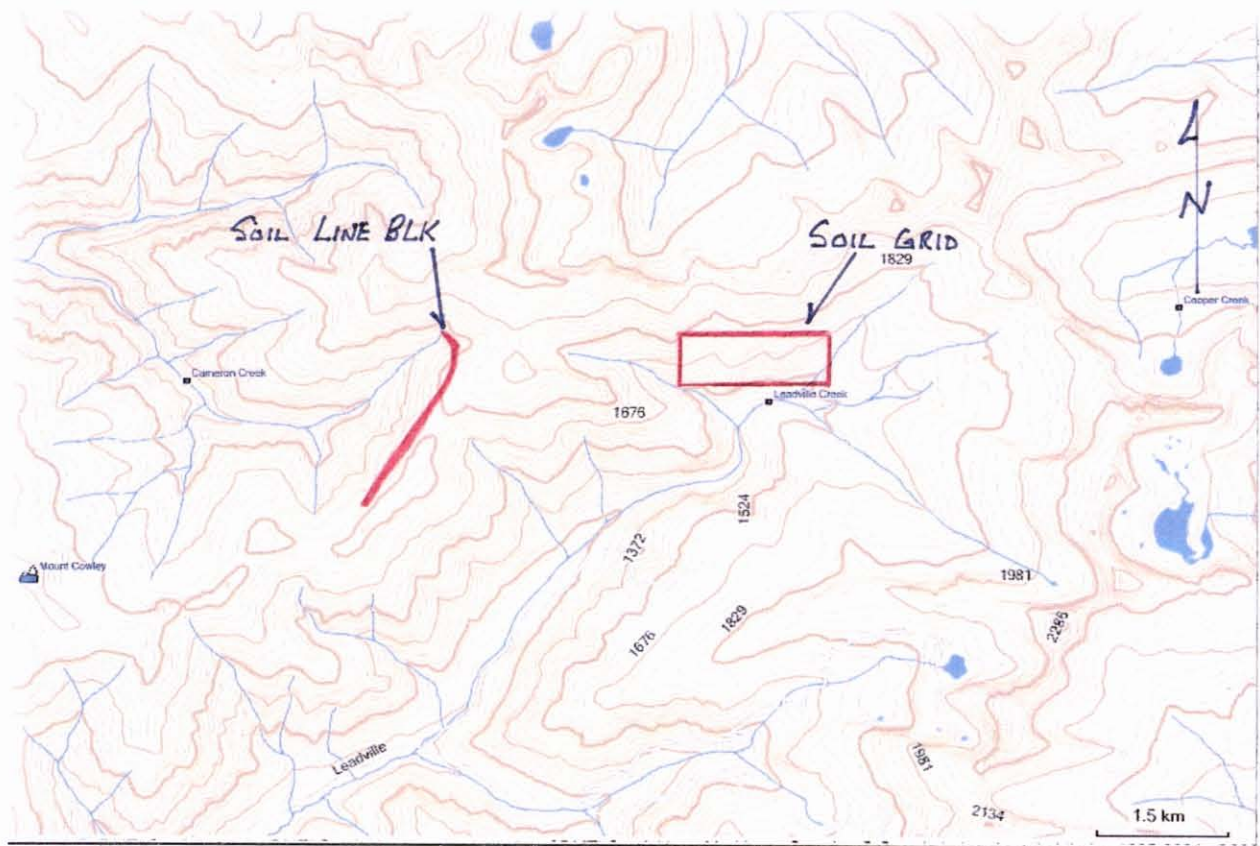
Soil Sampling; Rob Klewchuk and crew	20 man days @\$200/day	\$4000
Vehicle costs	10 truck days @\$75/day	\$750
Mileage	660 km @ \$.75/km	\$495
Soil Sample Analysis	459 samples @ \$23.50/sample(freight inclusive)	\$10,786.50
Food Costs		\$279
Miscellaneous (office expenses/collating etc.)		\$350
<u>Report Writing/drafting</u>	<u>Sean Kennedy 2 days @\$350/day</u>	<u>\$750</u>
Total		\$17,360.50

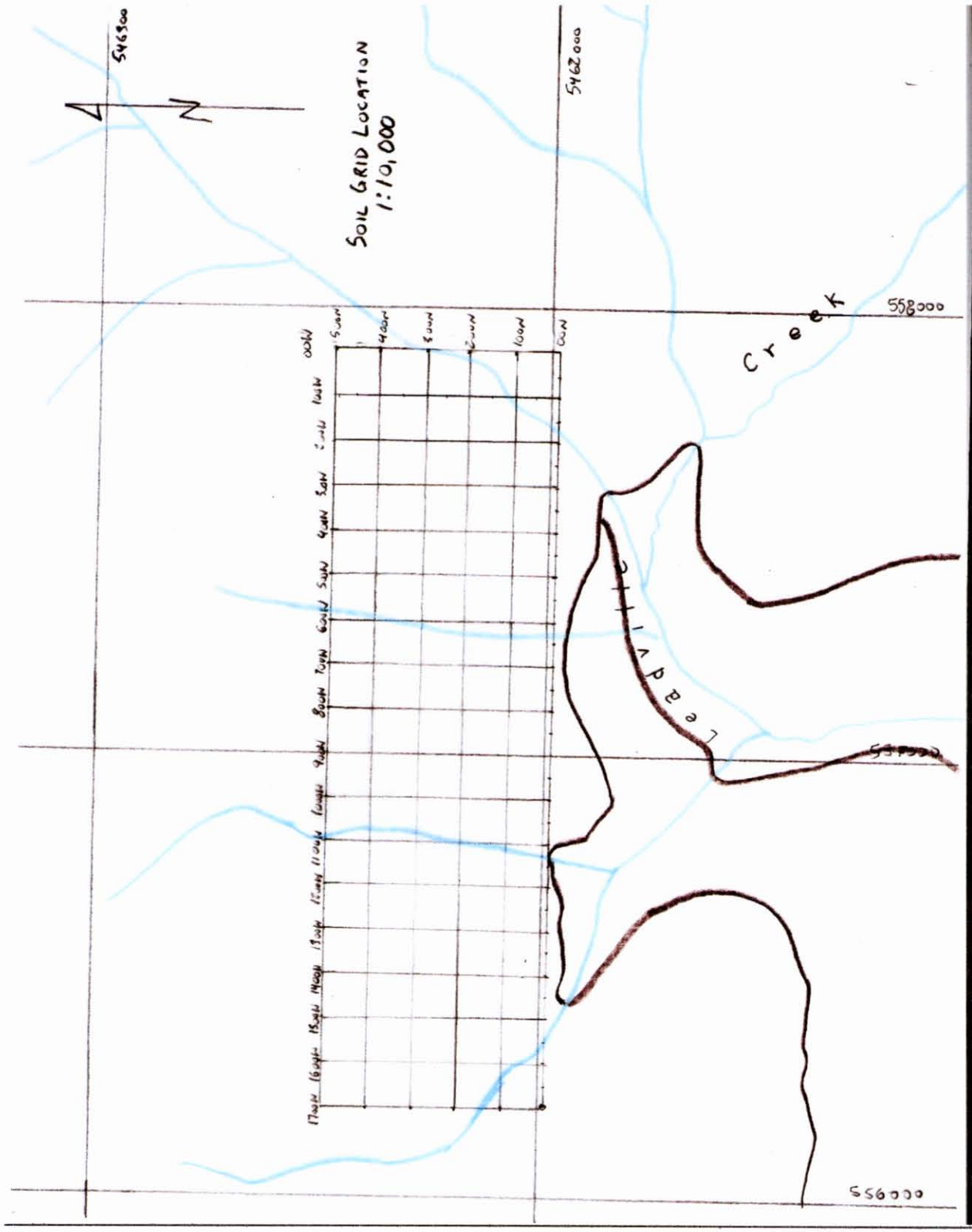
STATEMENT OF QUALIFICATIONS

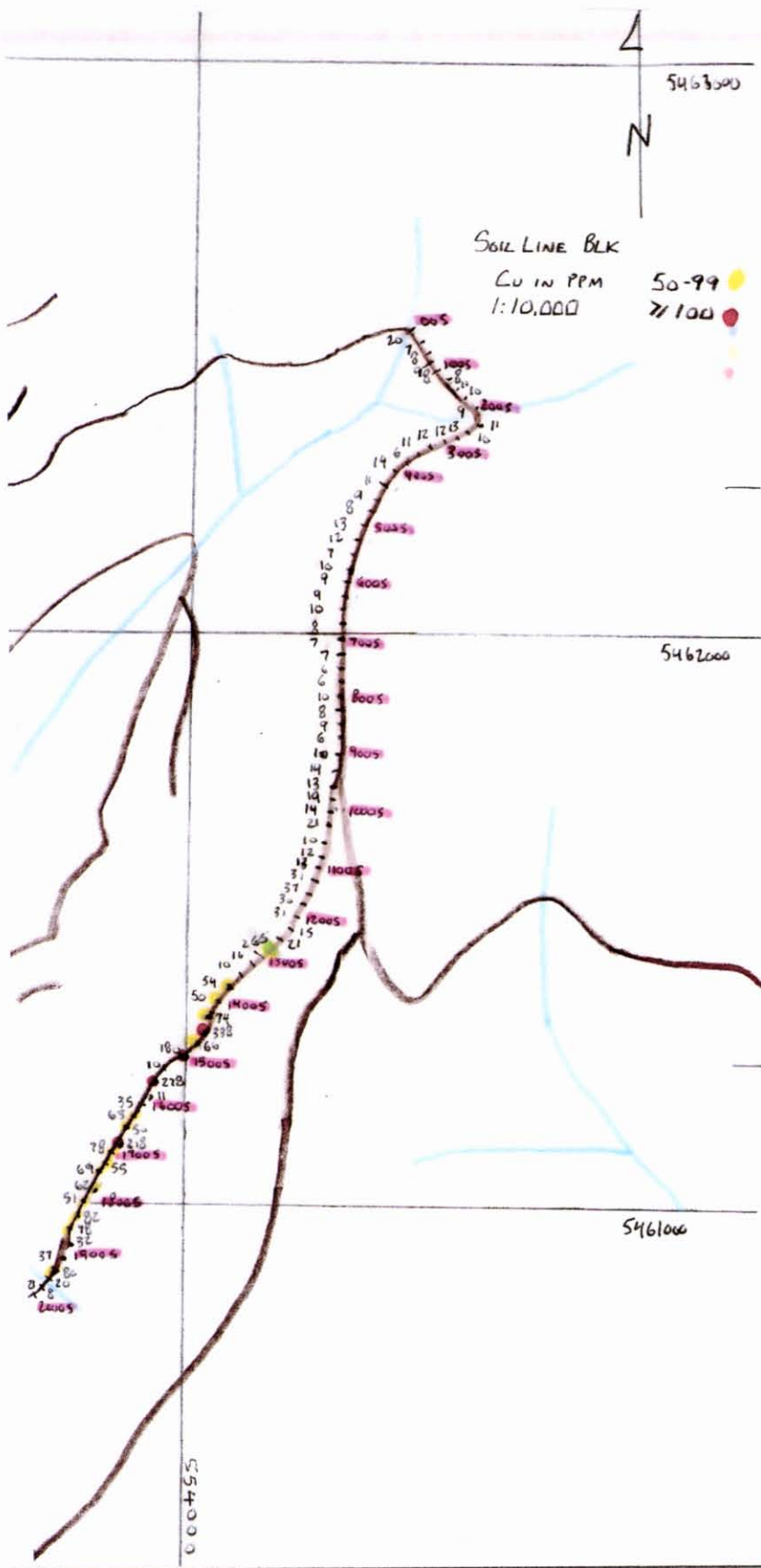
I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 272 Kimbrook Crescent, Kimberley, BC.
2. I have been actively prospecting in the East Kootenay district of BC for the past 15 years
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC.

Regional Location of Soil Line and Grid







APPENDIX



AcmeLabs

ACME ANALYTICAL LABORATORIES LTD.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Kootenay Gold Inc.

Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By:

Jim McDonald

Receiving Lab:

Canada-Vancouver

Received:

August 06, 2008

Report Date:

September 09, 2008

Page:

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CERTIFICATE OF ANALYSIS

VAN08008107.1

CLIENT JOB INFORMATION

Project: LEADVILLE CREEK
Shipment ID:
P.O. Number
Number of Samples: 186

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Gold Inc.
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC: Sean Kennedy

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	186	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	186	Dry at 60C		
3B	186	Fire assay fusion Au by ICP-ES	30	Completed
1DD	186	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

AcmeLabs

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Project:

LEADVILLE CREEK

Report Date:

September 09, 2008

Page:

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L130OW 500N	Soil			15	<1	10	25	72	<0.3	9	7	285	2.42	15	<8	<2	2	10	<0.5	<3	3	33	0.10
L130OW 475N	Soil			8	<1	22	48	136	<0.3	16	40	2010	3.07	5	<8	<2	<2	7	0.6	<3	<3	30	0.05
L130OW 450N	Soil			<2	<1	20	38	107	<0.3	16	16	611	2.97	8	<8	<2	4	4	<0.5	<3	<3	27	0.03
L130OW 425N	Soil			<2	<1	20	37	71	<0.3	13	23	543	2.80	8	<8	<2	<2	7	<0.5	<3	4	25	0.05
L130OW 400N	Soil			5	<1	20	32	105	<0.3	12	9	614	3.02	7	<8	<2	3	6	<0.5	<3	<3	28	0.05
L130OW 375N	Soil			7	<1	16	38	117	<0.3	12	7	441	3.18	13	<8	<2	<2	6	<0.5	<3	<3	38	0.05
L130OW 350N	Soil			<2	<1	30	22	71	<0.3	9	8	245	2.72	10	<8	<2	<2	5	<0.5	<3	<3	44	0.05
L130OW 325N	Soil			15	<1	57	23	65	<0.3	13	8	227	3.42	14	<8	<2	2	4	<0.5	<3	<3	95	0.08
L130OW 300N	Soil			3	<1	71	17	80	<0.3	14	11	428	3.05	10	<8	<2	4	5	<0.5	<3	<3	63	0.10
L130OW 275N	Soil			<2	<1	65	26	113	<0.3	15	13	1311	3.27	11	<8	<2	<2	7	<0.5	<3	<3	69	0.11
L130OW 250N	Soil			<2	<1	56	34	72	<0.3	13	10	331	3.52	5	9	<2	<2	14	<0.5	<3	4	79	0.20
L130OW 225N	Soil			5	<1	63	24	104	0.4	15	16	741	3.49	7	<8	<2	<2	9	<0.5	<3	<3	65	0.15
L130OW 200N	Soil			6	<1	73	23	76	<0.3	13	11	288	2.97	12	<8	<2	<2	10	<0.5	<3	<3	57	0.14
L130OW 175N	Soil			3	<1	34	23	75	<0.3	10	9	452	2.85	4	<8	<2	<2	5	<0.5	3	<3	63	0.11
L130OW 150N	Soil			5	<1	44	23	98	<0.3	15	13	576	3.35	15	<8	<2	<2	6	<0.5	<3	4	63	0.11
L130OW 125N	Soil			3	<1	32	24	77	<0.3	13	9	670	2.93	12	<8	<2	<2	5	<0.5	<3	4	50	0.08
L130OW 100N	Soil			4	<1	30	22	79	<0.3	13	8	433	2.85	8	<8	<2	2	6	<0.5	<3	6	46	0.13
L130OW 075N	Soil			4	<1	27	26	68	<0.3	10	7	298	2.68	13	<8	<2	4	3	<0.5	<3	7	38	0.05
L130OW 050N	Soil			7	<1	18	21	63	<0.3	10	5	413	3.03	8	<8	<2	3	4	<0.5	<3	8	48	0.07
L130OW 025N	Soil			9	<1	21	26	84	<0.3	11	7	389	3.02	13	<8	<2	4	4	<0.5	<3	<3	46	0.05
L130OW 000N	Soil			4	<1	19	22	81	<0.3	12	8	554	3.29	18	<8	<2	<2	7	<0.5	<3	9	54	0.10
L140OW 500N	Soil			4	<1	17	31	98	<0.3	11	6	502	3.26	13	<8	<2	4	6	<0.5	<3	<3	36	0.03
L140OW 475N	Soil			3	<1	15	33	81	<0.3	10	4	614	2.93	16	<8	<2	4	6	<0.5	<3	<3	33	0.05
L140OW 450N	Soil			3	<1	17	29	80	<0.3	10	4	488	2.94	18	<8	<2	3	5	<0.5	<3	5	34	0.03
L140OW 425N	Soil			9	<1	17	27	100	<0.3	11	9	795	2.90	7	<8	<2	3	6	<0.5	<3	4	33	0.05
L140OW 400N	Soil			3	<1	16	31	93	<0.3	10	6	597	3.11	10	<8	<2	4	4	<0.5	3	4	28	0.03
L140OW 375N	Soil			6	<1	20	52	134	<0.3	11	15	1603	3.28	3	<8	<2	<2	6	<0.5	<3	<3	33	0.05
L140OW 350N	Soil			12	<1	22	43	116	<0.3	14	7	954	3.01	11	<8	<2	4	5	<0.5	<3	<3	27	0.03
L140OW 325N	Soil			6	1	22	36	127	<0.3	12	7	1665	2.96	8	<8	<2	3	10	<0.5	<3	5	36	0.10
L140OW 300N	Soil			4	<1	21	25	43	<0.3	5	2	194	1.51	3	<8	<2	<2	7	<0.5	<3	8	37	0.03

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LEADVILLE CREEK

Report Date:

September 09, 2008

Page:

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Part 2

Method	Analyte	Unit	MDL	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
				P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	
				0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	
													W	
													ppm	
L130OW 500N	Soil			0.038	9	11	0.18	99	0.06	<20	1.27	<0.01	0.10	<2
L130OW 475N	Soil			0.071	29	13	0.44	81	0.05	<20	1.89	<0.01	0.17	2
L130OW 450N	Soil			0.035	26	12	0.40	62	0.07	<20	1.83	<0.01	0.16	<2
L130OW 425N	Soil			0.046	49	10	0.25	51	0.06	<20	1.22	<0.01	0.10	<2
L130OW 400N	Soil			0.093	19	13	0.44	65	0.06	<20	1.66	<0.01	0.15	2
L130OW 375N	Soil			0.073	13	13	0.38	69	0.09	<20	1.52	<0.01	0.12	<2
L130OW 350N	Soil			0.035	23	10	0.34	42	0.12	<20	2.26	0.01	0.07	<2
L130OW 325N	Soil			0.029	7	7	0.39	32	0.09	<20	1.37	<0.01	0.10	<2
L130OW 300N	Soil			0.046	9	9	0.40	69	0.07	<20	1.86	<0.01	0.12	<2
L130OW 275N	Soil			0.084	11	11	0.43	107	0.08	<20	1.73	<0.01	0.12	<2
L130OW 250N	Soil			0.043	24	9	0.31	44	0.09	<20	1.30	<0.01	0.12	3
L130OW 225N	Soil			0.048	16	10	0.31	67	0.10	<20	1.95	<0.01	0.10	<2
L130OW 200N	Soil			0.051	13	9	0.31	55	0.08	<20	1.97	<0.01	0.09	<2
L130OW 175N	Soil			0.048	7	7	0.30	47	0.07	<20	1.18	<0.01	0.08	<2
L130OW 150N	Soil			0.078	9	10	0.39	70	0.08	<20	1.71	<0.01	0.11	<2
L130OW 125N	Soil			0.049	11	9	0.30	72	0.07	<20	1.34	<0.01	0.10	<2
L130OW 100N	Soil			0.040	11	9	0.32	71	0.07	<20	1.66	<0.01	0.10	<2
L130OW 075N	Soil			0.033	11	9	0.36	45	0.06	<20	1.57	<0.01	0.10	<2
L130OW 050N	Soil			0.033	11	10	0.35	57	0.07	<20	1.38	<0.01	0.10	<2
L130OW 025N	Soil			0.041	11	11	0.35	61	0.08	<20	1.79	<0.01	0.09	<2
L130OW 000N	Soil			0.048	11	11	0.36	73	0.08	<20	1.43	<0.01	0.10	<2
L140OW 500N	Soil			0.065	13	13	0.35	57	0.10	<20	1.86	<0.01	0.13	<2
L140OW 475N	Soil			0.052	13	12	0.38	64	0.08	<20	1.75	<0.01	0.10	<2
L140OW 450N	Soil			0.051	13	12	0.38	57	0.08	<20	1.47	<0.01	0.11	<2
L140OW 425N	Soil			0.050	13	12	0.35	68	0.08	<20	1.33	<0.01	0.11	3
L140OW 400N	Soil			0.063	19	11	0.37	48	0.06	<20	1.39	<0.01	0.14	<2
L140OW 375N	Soil			0.073	23	12	0.35	81	0.07	<20	1.51	<0.01	0.17	<2
L140OW 350N	Soil			0.043	17	13	0.40	68	0.05	<20	1.82	<0.01	0.12	<2
L140OW 325N	Soil			0.085	14	13	0.35	115	0.08	<20	1.90	<0.01	0.14	2
L140OW 300N	Soil			0.023	10	6	0.10	73	0.06	<20	0.84	<0.01	0.06	<2

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Client:

Kootenay Gold Inc.

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 Vancouver BC V6E 2E9 Canada

Project:

LEADVILLE CREEK

Report Date:

September 09, 2008

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Part 1

Method	Analyte	Unit	NDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
L140OW 275N	Soil			9	1	30	31	88	<0.3	11	6	388	3.20	8	<8	<2	4	5	<0.5	<3	<3	44	0.07
L140OW 250N	Soil			5	<1	38	28	80	<0.3	11	6	230	3.34	13	<8	<2	4	4	<0.5	<3	5	56	0.05
L140OW 225N	Soil			18	<1	87	13	69	<0.3	13	15	832	3.41	6	<8	<2	3	5	<0.5	<3	3	95	0.11
L140OW 200N	Soil			3	<1	31	20	61	<0.3	8	10	766	3.54	6	<8	<2	<2	5	<0.5	<3	5	97	0.09
L140OW 175N	Soil			6	<1	44	13	49	<0.3	10	5	171	3.50	10	<8	<2	<2	3	<0.5	<3	<3	81	0.07
L140OW 150N	Soil			4	<1	30	16	55	<0.3	9	5	221	3.26	7	<8	<2	<2	3	<0.5	<3	5	70	0.05
L140OW 125N	Soil			8	1	28	19	54	<0.3	11	6	222	2.61	7	<8	<2	4	4	<0.5	6	<3	47	0.08
L140OW 100N	Soil			4	2	31	27	85	<0.3	15	10	292	2.95	9	<8	<2	6	4	<0.5	5	<3	42	0.06
L140OW 075N	Soil			55	<1	21	25	82	<0.3	13	8	620	2.72	4	<8	<2	4	5	<0.5	6	3	41	0.07
L140OW 050N	Soil			10	1	43	32	103	<0.3	15	14	577	2.88	11	<8	<2	7	5	<0.5	5	<3	39	0.05
L140OW 025N	Soil			8	2	28	27	82	<0.3	14	7	231	3.00	9	<8	<2	5	5	<0.5	6	<3	41	0.05
L140OW 000N	Soil			8	1	15	29	87	<0.3	11	8	2883	2.37	3	<8	<2	<2	16	<0.5	6	<3	38	0.32
L150OW 500N	Soil			<2	2	13	17	65	<0.3	10	5	548	2.71	13	<8	<2	5	4	<0.5	<3	<3	28	0.02
L150OW 475N	Soil			10	2	15	28	72	<0.3	11	5	410	3.05	18	<8	<2	6	5	<0.5	8	<3	29	0.03
L150OW 450N	Soil			5	2	11	24	59	<0.3	9	4	191	2.68	10	<8	<2	5	6	<0.5	5	3	32	0.03
L150OW 425N	Soil			98	2	18	30	81	<0.3	13	8	421	2.59	12	<8	<2	6	7	<0.5	<3	<3	23	0.05
L150OW 400N	Soil			9	2	19	28	73	<0.3	12	7	243	2.78	18	<8	<2	7	4	<0.5	4	<3	21	0.02
L150OW 375N	Soil			17	2	16	28	61	<0.3	10	4	166	2.87	21	<8	<2	6	3	<0.5	5	4	19	0.01
L150OW 350N	Soil			5	1	16	29	57	<0.3	9	4	191	2.53	26	<8	<2	7	3	<0.5	4	<3	15	0.02
L150OW 325N	Soil			4	2	14	32	54	<0.3	9	4	206	2.56	20	<8	<2	7	4	<0.5	5	<3	17	0.04
L150OW 300N	Soil			<2	1	10	22	60	<0.3	9	3	146	2.38	5	<8	<2	4	4	<0.5	4	<3	23	0.03
L150OW 275N	Soil			6	2	10	21	69	<0.3	9	4	314	2.38	6	<8	<2	5	4	<0.5	<3	<3	29	0.03
L150OW 250N	Soil			6	2	13	27	78	<0.3	11	5	250	3.02	7	<8	<2	5	5	<0.5	4	<3	44	0.03
L150OW 225N	Soil			5	2	16	26	73	<0.3	11	5	182	2.96	10	<8	<2	7	4	<0.5	<3	3	35	0.04
L150OW 200N	Soil			4	1	41	29	69	<0.3	14	6	188	2.73	13	<8	<2	8	4	<0.5	<3	<3	33	0.04
L150OW 175N	Soil			11	1	19	19	61	<0.3	11	5	235	2.63	9	<8	<2	6	4	<0.5	<3	6	32	0.03
L150OW 150N	Soil			<2	2	15	21	61	<0.3	10	5	251	2.71	9	<8	<2	6	4	<0.5	6	8	33	0.03
L150OW 125N	Soil			6	2	33	26	79	<0.3	15	7	190	2.91	16	<8	<2	8	5	<0.5	7	<3	37	0.05
L150OW 100N	Soil			5	2	23	30	73	<0.3	11	6	234	2.92	14	<8	<2	6	4	<0.5	5	<3	38	0.04
L150OW 075N	Soil			6	2	19	28	80	<0.3	10	5	789	2.83	4	<8	<2	4	5	<0.5	5	<3	39	0.05

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Part 2

Method	Analyte	Unit	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
			P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
			%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	
		MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	
L140OW 275N	Soil		0.051	14	12	0.38	66	0.08	<20	2.08	<0.01	0.12	△
L140OW 250N	Soil		0.037	12	11	0.38	44	0.08	<20	1.74	<0.01	0.11	△
L140OW 225N	Soil		0.038	12	8	0.40	62	0.10	<20	1.61	0.01	0.11	△
L140OW 200N	Soil		0.044	7	7	0.16	71	0.13	<20	1.58	0.01	0.06	△
L140OW 175N	Soil		0.034	8	7	0.33	36	0.07	<20	1.54	<0.01	0.07	△
L140OW 150N	Soil		0.036	8	7	0.28	48	0.07	<20	1.44	<0.01	0.07	△
L140OW 125N	Soil		0.027	9	9	0.31	35	0.06	<20	1.32	<0.01	0.10	△
L140OW 100N	Soil		0.032	14	11	0.37	56	0.06	<20	1.84	<0.01	0.13	△
L140OW 075N	Soil		0.031	12	10	0.30	50	0.06	<20	1.34	<0.01	0.13	△
L140OW 050N	Soil		0.037	19	11	0.39	57	0.08	<20	2.22	<0.01	0.13	△
L140OW 025N	Soil		0.037	13	12	0.40	57	0.08	<20	1.95	<0.01	0.12	△
L140OW 000N	Soil		0.042	11	9	0.27	129	0.06	<20	1.38	<0.01	0.10	△
L150OW 500N	Soil		0.032	15	11	0.34	50	0.07	<20	1.51	<0.01	0.10	△
L150OW 475N	Soil		0.049	17	13	0.39	45	0.07	<20	1.60	<0.01	0.11	△
L150OW 450N	Soil		0.029	13	11	0.27	52	0.08	<20	1.69	<0.01	0.08	△
L150OW 425N	Soil		0.045	17	11	0.42	51	0.06	<20	1.73	<0.01	0.13	△
L150OW 400N	Soil		0.028	17	11	0.40	37	0.05	<20	1.50	<0.01	0.12	△
L150OW 375N	Soil		0.028	17	11	0.37	33	0.05	<20	1.31	<0.01	0.11	△
L150OW 350N	Soil		0.028	17	9	0.35	31	0.04	<20	1.23	<0.01	0.11	△
L150OW 325N	Soil		0.028	15	9	0.33	33	0.04	<20	1.30	<0.01	0.11	△
L150OW 300N	Soil		0.023	14	10	0.27	34	0.05	<20	1.20	<0.01	0.09	△
L150OW 275N	Soil		0.021	14	11	0.29	47	0.05	<20	1.38	<0.01	0.10	△
L150OW 250N	Soil		0.028	11	12	0.28	56	0.12	<20	2.12	<0.01	0.10	△
L150OW 225N	Soil		0.023	14	12	0.36	47	0.07	<20	1.87	<0.01	0.10	△
L150OW 200N	Soil		0.040	14	12	0.43	54	0.08	<20	2.82	<0.01	0.10	△
L150OW 175N	Soil		0.025	13	10	0.33	41	0.05	<20	1.51	<0.01	0.10	△
L150OW 150N	Soil		0.024	14	11	0.33	44	0.06	<20	1.50	<0.01	0.10	△
L150OW 125N	Soil		0.032	15	12	0.43	47	0.07	<20	2.16	<0.01	0.13	△
L150OW 100N	Soil		0.033	13	11	0.36	43	0.06	<20	1.51	<0.01	0.11	△
L150OW 075N	Soil		0.036	14	10	0.29	72	0.06	<20	1.54	<0.01	0.10	△

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D			
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%		
L150OW 050N	Soil			5	1	21	25	89	<0.3	10	6	1208	2.45	5	<8	<2	3	8	<0.5	<3	<3	39	0.10
L150OW 025N	Soil			3	2	16	24	62	<0.3	9	4	205	3.11	7	<8	<2	3	4	<0.5	<3	<3	62	0.05
L150OW 000N	Soil			8	2	55	36	60	<0.3	16	8	266	2.97	15	<8	<2	6	6	<0.5	<3	<3	38	0.08
L160OW 500N	Soil			<2	1	10	22	54	<0.3	9	5	199	2.62	16	<8	<2	4	3	<0.5	4	<3	30	0.02
L160OW 475N	Soil			6	3	12	23	57	<0.3	9	5	221	2.82	17	<8	<2	5	3	<0.5	4	<3	27	0.01
L160OW 450N	Soil			<2	2	11	17	49	<0.3	10	4	187	2.50	16	<8	<2	6	3	<0.5	3	4	23	0.01
L160OW 425N	Soil			5	2	14	19	63	<0.3	11	6	253	2.88	13	<8	<2	6	4	<0.5	7	6	30	0.02
L160OW 400N	Soil			10	2	17	20	75	<0.3	12	6	219	2.82	15	<8	<2	6	4	<0.5	4	<3	26	0.02
L160OW 375N	Soil			I.S.	2	8	32	48	<0.3	8	3	174	2.47	8	<8	<2	4	4	<0.5	6	<3	35	0.02
L160OW 350N	Soil			113	2	13	24	74	<0.3	13	6	180	2.91	15	<8	<2	8	3	<0.5	5	<3	27	0.02
L160OW 325N	Soil			8	2	19	38	90	<0.3	17	17	1293	2.80	20	<8	<2	2	5	<0.5	<3	<3	21	0.03
L160OW 300N	Soil			2	2	21	51	102	<0.3	17	13	1722	2.60	11	<8	<2	3	13	<0.5	<3	<3	20	0.13
L160OW 275N	Soil			5	1	30	49	104	<0.3	21	24	1089	2.97	18	<8	<2	3	6	<0.5	<3	<3	23	0.02
L160OW 250N	Soil			46	2	36	101	115	0.5	16	40	5310	3.26	15	<8	<2	3	6	0.7	<3	<3	27	0.04
L160OW 225N	Soil			3	<1	17	39	76	0.4	13	13	433	2.98	10	<8	<2	3	8	<0.5	<3	<3	24	0.05
L160OW 200N	Soil			3	<1	18	43	87	<0.3	12	6	779	2.76	17	<8	<2	5	9	<0.5	<3	<3	20	0.09
L160OW 175N	Soil			11	<1	16	35	71	<0.3	11	5	197	2.76	14	<8	<2	8	4	<0.5	<3	<3	26	0.04
L160OW 150N	Soil			4	<1	22	41	71	<0.3	14	6	218	2.47	20	<8	<2	8	3	<0.5	<3	<3	16	0.02
L160OW 125N	Soil			<2	2	13	29	71	<0.3	9	4	188	2.68	12	<8	<2	6	3	<0.5	<3	<3	27	0.02
L160OW 100N	Soil			6	2	12	36	83	<0.3	9	5	1298	2.68	18	<8	<2	3	6	<0.5	<3	<3	37	0.08
L160OW 075N	Soil			<2	<1	23	31	60	<0.3	10	4	284	2.67	13	<8	<2	4	3	<0.5	<3	<3	45	0.03
L160OW 050N	Soil			17	1	38	33	75	<0.3	16	8	196	2.84	15	<8	<2	9	4	<0.5	<3	<3	37	0.05
L160OW 025N	Soil			19	<1	17	30	82	<0.3	11	6	416	3.31	15	<8	<2	5	5	<0.5	<3	<3	50	0.05
L160OW 000N	Soil			<2	<1	16	29	72	<0.3	9	6	861	2.80	16	<8	<2	3	6	<0.5	<3	<3	49	0.06
L170OW 500N	Soil			3	<1	15	30	86	<0.3	12	9	707	2.93	21	<8	<2	3	8	<0.5	<3	<3	28	0.05
L170OW 475N	Soil			5	2	17	27	78	0.4	12	15	417	2.38	20	<8	<2	2	13	<0.5	<3	<3	20	0.08
L170OW 450N	Soil			3	1	14	27	58	<0.3	9	4	210	2.95	23	<8	<2	5	11	<0.5	<3	<3	24	0.10
L170OW 425N	Soil			7	1	15	39	64	<0.3	10	4	205	3.27	25	<8	<2	6	5	<0.5	<3	<3	22	0.02
L170OW 400N	Soil			6	1	16	24	58	<0.3	9	4	172	2.48	27	<8	<2	5	4	<0.5	<3	<3	19	0.02
L170OW 375N	Soil			<2	<1	14	35	87	<0.3	11	9	966	2.65	24	<8	<2	3	8	<0.5	<3	<3	23	0.06

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Part 2

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L150OW 050N	Soil			0.057	11	9	0.27	96	0.07	<20	1.64	<0.01	0.12	<2
L150OW 025N	Soil			0.044	9	9	0.22	43	0.10	<20	1.21	<0.01	0.09	<2
L150OW 000N	Soil			0.038	21	12	0.45	47	0.06	<20	1.85	<0.01	0.15	<2
L160OW 500N	Soil			0.029	13	11	0.28	38	0.07	<20	1.50	<0.01	0.08	2
L160OW 475N	Soil			0.030	14	11	0.33	30	0.07	<20	1.28	<0.01	0.09	<2
L160OW 450N	Soil			0.027	16	9	0.32	28	0.05	<20	1.25	<0.01	0.08	2
L160OW 425N	Soil			0.033	13	10	0.28	44	0.09	<20	1.91	<0.01	0.08	<2
L160OW 400N	Soil			0.036	16	11	0.38	44	0.07	<20	1.95	<0.01	0.10	<2
L160OW 375N	Soil			0.026	11	9	0.20	51	0.09	<20	1.09	<0.01	0.07	3
L160OW 350N	Soil			0.024	15	12	0.39	39	0.07	<20	1.78	<0.01	0.11	2
L160OW 325N	Soil			0.052	30	12	0.39	67	0.04	<20	1.79	<0.01	0.14	3
L160OW 300N	Soil			0.073	26	11	0.37	109	0.05	<20	1.53	<0.01	0.18	<2
L160OW 275N	Soil			0.069	37	13	0.45	62	0.05	<20	2.04	<0.01	0.20	<2
L160OW 250N	Soil			0.152	42	11	0.27	71	0.03	<20	1.93	<0.01	0.16	<2
L160OW 225N	Soil			0.046	23	11	0.39	46	0.06	<20	1.62	<0.01	0.17	<2
L160OW 200N	Soil			0.038	18	11	0.34	86	0.04	<20	1.38	<0.01	0.16	<2
L160OW 175N	Soil			0.034	14	11	0.36	46	0.05	<20	1.70	<0.01	0.12	<2
L160OW 150N	Soil			0.031	20	11	0.44	44	0.04	<20	1.73	<0.01	0.16	<2
L160OW 125N	Soil			0.026	13	11	0.34	52	0.05	<20	1.53	<0.01	0.11	<2
L160OW 100N	Soil			0.047	10	11	0.27	66	0.06	<20	1.41	<0.01	0.10	<2
L160OW 075N	Soil			0.037	12	10	0.27	46	0.06	<20	1.44	<0.01	0.09	<2
L160OW 050N	Soil			0.042	18	11	0.45	44	0.06	<20	2.20	<0.01	0.12	<2
L160OW 025N	Soil			0.039	13	12	0.36	58	0.08	<20	1.59	<0.01	0.10	<2
L160OW 000N	Soil			0.057	13	10	0.29	67	0.06	<20	1.01	<0.01	0.09	<2
L170OW 500N	Soil			0.063	17	13	0.45	49	0.06	<20	1.36	<0.01	0.13	<2
L170OW 475N	Soil			0.051	55	10	0.39	42	0.05	<20	1.61	<0.01	0.13	<2
L170OW 450N	Soil			0.037	16	11	0.31	50	0.06	<20	1.00	<0.01	0.14	<2
L170OW 425N	Soil			0.037	17	12	0.40	36	0.06	<20	1.50	<0.01	0.16	<2
L170OW 400N	Soil			0.029	17	10	0.31	40	0.03	<20	1.24	<0.01	0.11	<2
L170OW 375N	Soil			0.037	16	10	0.33	75	0.04	<20	1.34	<0.01	0.11	<2

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Project:

LEADVILLE CREEK

Report Date:

September 09, 2008

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Cm
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L170OW 350N	Soil			6	<1	12	36	86	<0.3	12	5	251	2.99	26	<8	<2	5	4	<0.5	<3	<3	28	0.03
L170OW 325N	Soil			10	1	16	28	87	<0.3	11	6	251	3.08	22	<8	<2	8	5	<0.5	<3	5	29	0.03
L170OW 300N	Soil			3	<1	17	33	102	<0.3	14	8	356	3.05	20	<8	<2	7	4	<0.5	<3	<3	31	0.03
L170OW 275N	Soil			<2	1	20	28	117	0.4	14	10	401	2.90	18	<8	<2	4	5	<0.5	<3	<3	34	0.04
L170OW 250N	Soil			<2	1	14	26	76	<0.3	10	5	406	2.81	17	<8	<2	4	5	<0.5	<3	<3	34	0.04
L170OW 225N	Soil			4	<1	12	33	71	<0.3	9	5	187	2.91	19	<8	<2	5	4	<0.5	<3	<3	33	0.02
L170OW 200N	Soil			<2	1	12	28	57	<0.3	8	4	509	2.37	13	<8	<2	2	5	<0.5	<3	<3	29	0.03
L170OW 175N	Soil			<2	<1	14	31	104	<0.3	12	7	528	3.01	16	<8	<2	4	5	<0.5	<3	<3	28	0.02
L170OW 150N	Soil			13	2	18	34	65	<0.3	12	41	1394	2.93	21	<8	<2	<2	8	0.6	<3	<3	27	0.05
L170OW 125N	Soil			3	<1	18	28	49	<0.3	10	5	409	2.82	17	<8	<2	2	6	<0.5	<3	<3	34	0.05
L170OW 100N	Soil			3	1	18	33	56	<0.3	9	4	518	3.20	20	<8	<2	<2	5	<0.5	<3	<3	34	0.03
L170OW 075N	Soil			5	<1	11	23	49	<0.3	8	7	314	2.70	12	<8	<2	2	4	<0.5	<3	<3	37	0.03
L170OW 050N	Soil			<2	<1	18	21	65	0.4	11	11	820	3.03	11	<8	<2	4	5	<0.5	<3	4	41	0.05
L170OW 025N	Soil			<2	<1	31	37	78	0.5	10	39	1363	2.78	8	<8	<2	<2	8	<0.5	<3	4	41	0.10
L170OW 000N	Soil			7	<1	25	34	58	0.4	8	6	542	2.39	11	<8	<2	2	8	<0.5	<3	<3	40	0.09
BLK1 700S	Soil			2	<1	7	10	24	<0.3	7	5	95	1.98	5	<8	<2	3	3	<0.5	<3	<3	21	0.01
BLK1 675S	Soil			<2	<1	8	10	37	<0.3	10	8	137	1.85	5	<8	<2	5	3	<0.5	<3	<3	20	0.02
BLK1 650S	Soil			2	<1	10	12	44	<0.3	9	5	219	2.63	5	<8	<2	4	6	<0.5	<3	<3	38	0.05
BLK1 625S	Soil			3	<1	9	6	44	<0.3	9	5	304	2.19	7	<8	<2	4	3	<0.5	<3	<3	27	0.02
BLK1 600S	Soil			<2	<1	9	7	26	<0.3	8	4	145	1.84	4	<8	<2	4	2	<0.5	<3	<3	12	0.01
BLK1 575S	Soil			3	<1	10	<3	33	<0.3	7	4	220	2.20	4	<8	<2	4	2	<0.5	<3	<3	22	<0.01
BLK1 550S	Soil			2	<1	7	5	28	<0.3	6	2	73	2.73	5	<8	<2	3	2	<0.5	<3	<3	28	<0.01
BLK1 525S	Soil			<2	<1	12	<3	26	<0.3	7	4	211	1.74	5	<8	<2	4	2	<0.5	<3	<3	15	<0.01
BLK1 500S	Soil			3	<1	13	<3	22	<0.3	8	5	93	1.68	6	<8	<2	4	2	<0.5	<3	<3	10	<0.01
BLK1 475S	Soil			<2	<1	8	<3	23	<0.3	6	4	108	1.77	4	<8	<2	3	2	<0.5	<3	<3	18	<0.01
BLK1 450S	Soil			<2	<1	9	9	19	<0.3	5	3	136	1.57	<2	<8	<2	3	4	<0.5	<3	<3	20	0.02
BLK1 425S	Soil			<2	<1	11	<3	41	<0.3	8	4	147	1.79	4	<8	<2	4	4	<0.5	<3	<3	18	0.03
BLK1 400S	Soil			8	<1	14	<3	25	<0.3	11	6	104	2.06	6	<8	<2	4	2	<0.5	<3	<3	9	<0.01
BLK1 375S	Soil			<2	<1	6	5	24	<0.3	4	2	135	1.35	3	<8	<2	<2	3	<0.5	<3	3	24	0.01
BLK1 350S	Soil			<2	<1	11	<3	38	<0.3	10	6	184	2.18	9	<8	<2	<2	3	<0.5	<3	<3	15	0.02

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Part 2

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L170OW 350N	Soil			0.039	16	12	0.37	46	0.06	<20	1.42	<0.01	0.11	↕
L170OW 325N	Soil			0.034	17	15	0.53	47	0.06	<20	1.79	<0.01	0.13	↕
L170OW 300N	Soil			0.058	16	15	0.42	68	0.07	<20	2.26	<0.01	0.13	↕
L170OW 275N	Soil			0.049	16	13	0.39	73	0.09	<20	2.71	<0.01	0.11	↕
L170OW 250N	Soil			0.043	15	11	0.29	61	0.06	<20	1.73	<0.01	0.11	↕
L170OW 225N	Soil			0.038	13	11	0.29	55	0.07	<20	1.53	<0.01	0.10	↕
L170OW 200N	Soil			0.048	12	9	0.20	69	0.04	<20	1.23	<0.01	0.08	↕
L170OW 175N	Soil			0.055	15	12	0.35	67	0.06	<20	1.84	<0.01	0.13	↕
L170OW 150N	Soil			0.044	59	10	0.29	66	0.05	<20	1.40	<0.01	0.11	↕
L170OW 125N	Soil			0.041	16	10	0.23	46	0.06	<20	1.17	<0.01	0.11	↕
L170OW 100N	Soil			0.068	14	11	0.25	45	0.07	<20	1.52	<0.01	0.10	↕
L170OW 075N	Soil			0.040	15	9	0.39	38	0.03	<20	1.31	<0.01	0.07	↕
L170OW 050N	Soil			0.042	15	12	0.49	66	0.05	<20	1.39	<0.01	0.10	↕
L170OW 025N	Soil			0.057	25	10	0.25	77	0.09	<20	1.46	0.01	0.08	↕
L170OW 000N	Soil			0.038	14	9	0.18	91	0.08	<20	0.76	<0.01	0.10	↕
BLK1 700S	Soil			0.027	16	6	0.33	47	0.03	<20	1.38	<0.01	0.03	↕
BLK1 675S	Soil			0.029	15	8	0.46	72	0.03	<20	1.78	<0.01	0.04	↕
BLK1 650S	Soil			0.054	5	10	0.17	102	0.11	<20	3.68	0.01	0.05	↕
BLK1 625S	Soil			0.054	8	9	0.20	73	0.07	<20	2.65	<0.01	0.04	↕
BLK1 600S	Soil			0.034	12	7	0.44	30	<0.01	<20	1.12	<0.01	0.02	↕
BLK1 575S	Soil			0.037	8	9	0.23	41	0.04	<20	2.39	<0.01	0.03	↕
BLK1 550S	Soil			0.031	10	8	0.18	41	0.04	<20	1.61	<0.01	0.03	↕
BLK1 525S	Soil			0.029	11	6	0.20	45	0.02	<20	1.02	<0.01	0.03	↕
BLK1 500S	Soil			0.028	11	5	0.24	29	<0.01	<20	0.99	<0.01	0.02	↕
BLK1 475S	Soil			0.026	11	7	0.17	35	0.02	<20	1.27	<0.01	0.03	↕
BLK1 450S	Soil			0.047	6	6	0.10	30	0.05	<20	2.81	0.01	0.02	↕
BLK1 425S	Soil			0.077	8	9	0.18	56	0.05	<20	3.04	<0.01	0.03	↕
BLK1 400S	Soil			0.030	15	6	0.30	29	<0.01	<20	0.84	<0.01	0.02	↕
BLK1 375S	Soil			0.034	10	5	0.08	50	0.05	<20	2.02	<0.01	0.03	↕
BLK1 350S	Soil			0.089	8	9	0.31	41	<0.01	<20	1.22	<0.01	0.03	↕

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
BLK1 325S	Soil			<2	<1	12	5	29	<0.3	7	4	118	2.50	6	<8	<2	3	3	<0.5	<3	<3	23	0.01
BLK1 300S	Soil			<2	<1	12	3	32	<0.3	7	4	269	2.30	3	<8	<2	<2	4	<0.5	<3	<3	21	0.04
BLK1 275S	Soil			3	<1	13	<3	43	<0.3	7	5	181	2.00	5	<8	<2	2	3	<0.5	<3	<3	21	0.02
BLK1 250S	Soil			6	<1	10	9	30	<0.3	6	3	139	1.37	<2	<8	<2	<2	5	<0.5	<3	<3	17	0.07
BLK1 225S	Soil			<2	<1	11	4	27	<0.3	11	5	146	2.44	6	<8	<2	4	6	<0.5	<3	<3	12	0.11
BLK1 200S	Soil			<2	<1	9	8	37	<0.3	8	4	162	2.93	7	<8	<2	5	3	<0.5	<3	<3	23	0.01
BLK1 175S	Soil			<2	<1	10	<3	45	<0.3	9	5	587	2.27	4	<8	<2	4	3	<0.5	<3	<3	20	0.01
BLK1 160S	Soil			6	<1	11	5	47	<0.3	10	6	154	2.04	6	<8	<2	4	3	<0.5	<3	<3	20	0.02
BLK1 125S	Soil			2	<1	8	7	42	<0.3	9	5	146	2.49	6	<8	<2	5	3	<0.5	<3	<3	21	0.02
BLK1 100S	Soil			<2	<1	8	7	41	<0.3	9	4	136	2.81	6	<8	<2	4	4	<0.5	<3	<3	20	0.03
BLK1 075S	Soil			<2	<1	9	4	42	<0.3	11	8	116	1.93	5	<8	<2	5	3	<0.5	<3	<3	13	0.02
BLK1 050S	Soil			<2	<1	8	7	33	<0.3	9	5	207	2.33	6	<8	<2	5	3	<0.5	<3	<3	18	0.02
BLK1 025S	Soil			<2	<1	7	4	35	<0.3	9	5	143	2.28	4	<8	<2	5	3	<0.5	<3	<3	20	0.01
BLK1 000S	Soil			2	1	20	11	39	<0.3	11	6	190	2.25	8	<8	<2	5	4	<0.5	<3	3	15	0.01
BLK1 1400S	Soil			2	<1	50	<3	22	<0.3	4	2	85	2.42	6	<8	<2	3	3	<0.5	<3	<3	26	0.01
BLK1 1375S	Soil			2	<1	54	8	42	<0.3	8	4	227	2.24	<2	<8	<2	5	4	<0.5	<3	<3	32	0.02
BLK1 1350S	Soil			2	<1	10	<3	8	<0.3	1	<1	43	0.68	<2	<8	<2	<2	3	<0.5	<3	<3	16	0.01
BLK1 1325S	Soil			2	<1	10	3	7	<0.3	1	<1	100	0.67	<2	<8	<2	4	2	<0.5	<3	<3	12	<0.01
BLK1 1300S	Soil			8	<1	27	5	8	<0.3	2	<1	24	0.71	<2	<8	<2	<2	3	<0.5	<3	3	16	<0.01
BLK1 1275S	Soil			4	<1	61	5	19	<0.3	4	2	69	1.90	3	<8	<2	5	3	<0.5	<3	3	23	0.01
BLK1 1250S	Soil			4	<1	21	4	20	<0.3	3	2	71	1.20	<2	<8	<2	<2	5	<0.5	<3	4	26	0.01
BLK1 1225S	Soil			2	<1	15	5	22	<0.3	5	4	87	1.53	4	<8	<2	2	3	<0.5	<3	<3	34	0.01
BLK1 1200S	Soil			<2	1	31	8	24	<0.3	5	3	99	1.71	<2	<8	<2	4	3	<0.5	<3	3	22	0.01
BLK1 1175S	Soil			11	<1	30	4	39	<0.3	7	5	179	1.71	<2	<8	<2	4	3	<0.5	<3	<3	16	0.01
BLK1 1150S	Soil			2	<1	37	8	34	<0.3	8	5	134	2.11	6	<8	<2	4	4	<0.5	<3	<3	27	0.02
BLK1 1125S	Soil			<2	<1	31	6	32	<0.3	7	5	136	1.83	6	<8	<2	5	3	<0.5	<3	<3	18	0.01
BLK1 1100S	Soil			5	<1	13	12	55	<0.3	7	6	229	2.59	4	<8	<2	4	4	<0.5	<3	<3	31	0.03
BLK1 1075S	Soil			<2	1	12	15	40	<0.3	6	3	340	2.83	3	<8	<2	4	5	<0.5	<3	4	41	0.04
BLK1 1050S	Soil			3	<1	10	8	45	<0.3	6	4	560	2.43	<2	<8	<2	3	3	<0.5	3	<3	33	0.02
BLK1 1025S	Soil			<2	<1	21	8	54	<0.3	9	6	332	2.50	4	<8	<2	3	4	<0.5	<3	<3	31	0.02

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Part 2

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
BLK1 325S	Soil		0.001	0.103	15	7	0.22	42	0.04	<20	1.02	<0.01	0.03	↔
BLK1 300S	Soil		0.084	8	10	0.24	44	0.02	<20	1.92	<0.01	0.03	↔	↔
BLK1 275S	Soil		0.069	12	9	0.25	66	0.04	<20	3.02	<0.01	0.03	↔	↔
BLK1 250S	Soil		0.036	15	7	0.23	86	0.02	<20	0.71	<0.01	0.04	↔	↔
BLK1 225S	Soil		0.040	17	8	0.43	87	<0.01	<20	1.37	<0.01	0.03	↔	↔
BLK1 200S	Soil		0.043	14	10	0.27	57	0.03	<20	1.33	<0.01	0.03	↔	↔
BLK1 175S	Soil		0.061	14	9	0.25	65	0.03	<20	1.89	<0.01	0.03	↔	↔
BLK1 150S	Soil		0.048	14	10	0.29	66	0.03	<20	2.33	<0.01	0.04	↔	↔
BLK1 125S	Soil		0.042	15	9	0.23	54	0.03	<20	2.00	<0.01	0.04	↔	↔
BLK1 100S	Soil		0.040	14	10	0.23	51	0.03	<20	1.63	<0.01	0.04	↔	↔
BLK1 075S	Soil		0.028	20	8	0.27	58	0.01	<20	1.57	<0.01	0.03	↔	↔
BLK1 050S	Soil		0.031	20	8	0.23	47	0.02	<20	1.30	<0.01	0.04	↔	↔
BLK1 025S	Soil		0.030	18	8	0.22	57	0.02	<20	1.51	<0.01	0.04	↔	↔
BLK1 000S	Soil		0.034	24	9	0.29	37	0.01	<20	0.96	<0.01	0.04	↔	↔
BLK1 1400S	Soil		0.039	13	7	0.10	33	0.04	<20	1.07	<0.01	0.04	↔	↔
BLK1 1375S	Soil		0.063	7	10	0.18	56	0.08	<20	3.58	<0.01	0.04	↔	↔
BLK1 1350S	Soil		0.014	12	3	0.03	14	0.02	<20	0.43	<0.01	0.02	↔	↔
BLK1 1325S	Soil		0.015	19	3	0.02	23	0.02	<20	0.66	<0.01	0.02	↔	↔
BLK1 1300S	Soil		0.014	13	3	0.03	27	0.03	<20	0.53	<0.01	0.02	↔	↔
BLK1 1275S	Soil		0.031	13	6	0.08	28	0.05	<20	1.41	<0.01	0.02	↔	↔
BLK1 1250S	Soil		0.022	17	5	0.06	24	0.03	<20	0.63	<0.01	0.03	↔	↔
BLK1 1225S	Soil		0.024	11	8	0.09	32	0.08	<20	0.82	<0.01	0.03	↔	↔
BLK1 1200S	Soil		0.032	15	6	0.13	36	0.05	<20	1.90	<0.01	0.03	↔	↔
BLK1 1175S	Soil		0.030	16	8	0.24	48	0.02	<20	1.95	<0.01	0.04	↔	↔
BLK1 1150S	Soil		0.062	6	9	0.18	41	0.10	<20	4.07	0.01	0.03	↔	↔
BLK1 1125S	Soil		0.030	15	7	0.23	45	0.03	<20	1.75	<0.01	0.03	↔	↔
BLK1 1100S	Soil		0.057	4	9	0.12	76	0.11	<20	5.06	<0.01	0.04	↔	↔
BLK1 1075S	Soil		0.090	5	9	0.11	52	0.13	<20	3.94	0.01	0.04	↔	↔
BLK1 1050S	Soil		0.080	4	9	0.11	53	0.13	<20	4.80	0.01	0.03	↔	↔
BLK1 1025S	Soil		0.051	9	10	0.22	64	0.07	<20	2.88	<0.01	0.04	↔	↔

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Project:

LEADVILLE CREEK

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Cr
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%		
BLK1 1000S	Soil			10	<1	14	7	49	<0.3	7	7	499	2.43	<2	<8	<2	4	3	<0.5	5	<3	27	0.01
BLK1 0975S	Soil			4	<1	19	11	45	<0.3	7	6	452	1.80	5	<8	<2	4	3	<0.5	<3	<3	26	0.01
BLK1 0950S	Soil			2	<1	13	<3	17	<0.3	5	3	71	1.02	3	<8	<2	5	3	<0.5	<3	<3	4	<0.01
BLK1 0925S	Soil			3	<1	14	<3	26	<0.3	7	4	118	1.60	2	<8	<2	6	3	<0.5	<3	<3	9	<0.01
BLK1 0900S	Soil			6	<1	10	5	28	<0.3	5	4	202	1.62	4	<8	<2	3	3	<0.5	<3	<3	17	0.01
BLK1 0875S	Soil			<2	<1	6	<3	20	<0.3	3	2	175	0.85	<2	<8	<2	<2	5	<0.5	<3	<3	19	0.03
BLK1 0850S	Soil			<2	<1	9	10	46	<0.3	7	4	153	2.32	<2	<8	<2	3	3	<0.5	<3	<3	31	0.02
BLK1 0825S	Soil			6	1	8	11	37	<0.3	8	6	222	2.10	4	<8	<2	4	3	<0.5	<3	<3	23	0.02
BLK1 0800S	Soil			<2	<1	10	6	34	<0.3	8	6	334	1.80	3	<8	<2	5	3	<0.5	<3	<3	18	0.02
BLK1 0775S	Soil			5	<1	6	6	19	<0.3	5	4	88	1.20	3	<8	<2	3	3	<0.5	<3	<3	13	0.01
BLK1 0750S	Soil			<2	<1	6	9	28	<0.3	6	4	135	2.03	<2	<8	<2	3	3	<0.5	<3	<3	25	0.02
BLK1 0725S	Soil			5	<1	7	6	33	<0.3	6	4	194	2.30	4	<8	<2	4	3	<0.5	<3	<3	28	0.02
BLK1 2000S	Soil			5	<1	21	<3	20	<0.3	5	3	97	1.90	<2	<8	<2	3	2	<0.5	<3	<3	17	<0.01
BLK1 1975S	Soil			3	<1	8	14	36	<0.3	5	3	201	2.76	<2	<8	<2	<2	3	<0.5	<3	<3	28	0.01
BLK1 1950S	Soil			<2	<1	20	6	33	<0.3	8	4	146	2.64	4	<8	<2	5	2	<0.5	<3	<3	25	<0.01
BLK1 1925S	Soil			4	<1	80	8	21	<0.3	7	5	80	1.62	4	<8	<2	4	2	<0.5	<3	<3	19	<0.01
BLK1 1900S	Soil			2	<1	37	<3	21	<0.3	4	2	53	1.81	3	<8	<2	3	2	<0.5	<3	<3	24	<0.01
BLK1 1875S	Soil			<2	<1	32	4	17	<0.3	3	1	49	0.83	4	<8	<2	<2	2	<0.5	6	<3	18	<0.01
BLK1 1850S	Soil			<2	<1	78	7	16	<0.3	7	3	59	1.17	6	<8	<2	5	2	<0.5	<3	3	7	<0.01
BLK1 1825S	Soil			<2	<1	82	<3	14	<0.3	5	3	150	1.12	3	<8	<2	5	2	<0.5	<3	<3	5	<0.01
BLK1 1800S	Soil			2	<1	51	6	23	<0.3	6	3	98	2.18	3	<8	<2	5	2	<0.5	<3	<3	15	<0.01
BLK1 1775S	Soil			<2	<1	62	9	55	<0.3	10	7	297	2.23	3	<8	<2	4	4	<0.5	<3	<3	30	0.02
BLK1 1750S	Soil			8	<1	69	6	29	<0.3	8	5	147	1.92	5	<8	<2	4	3	<0.5	<3	<3	22	0.02
BLK1 1725S	Soil			<2	<1	55	7	31	<0.3	6	4	205	2.58	5	<8	<2	4	3	<0.5	<3	<3	34	0.02
BLK1 1700S	Soil			3	<1	78	13	37	<0.3	8	3	314	3.11	9	<8	<2	4	3	<0.5	<3	<3	36	0.02
BLK1 1675S	Soil			6	<1	218	10	19	<0.3	5	3	71	2.06	5	<8	<2	5	3	<0.5	<3	<3	21	<0.01
BLK1 1650S	Soil			7	<1	50	5	32	<0.3	5	2	319	2.35	3	<8	<2	3	3	<0.5	<3	<3	32	0.02
BLK1 1625S	Soil			<2	<1	63	5	11	<0.3	3	2	46	1.12	5	<8	<2	2	3	<0.5	<3	<3	15	<0.01
BLK1 1600S	Soil			6	<1	35	9	14	<0.3	4	2	54	1.88	5	<8	<2	4	6	<0.5	<3	<3	28	<0.01
BLK1 1575S	Soil			4	<1	11	12	28	<0.3	4	1	164	3.17	4	<8	<2	2	3	<0.5	<3	<3	57	0.01

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Part 2

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
BLK1 1000S	Soil		0.001	0.065	7	10	0.17	51	0.07	<20	3.21	<0.01	0.03	<2
BLK1 0975S	Soil		0.001	0.067	5	8	0.13	53	0.10	<20	4.54	<0.01	0.03	<2
BLK1 0950S	Soil		0.001	0.013	23	2	0.07	34	<0.01	<20	0.59	<0.01	0.02	<2
BLK1 0825S	Soil		0.001	0.019	21	5	0.24	35	<0.01	<20	0.92	<0.01	0.03	<2
BLK1 0900S	Soil		0.001	0.027	13	5	0.16	45	0.03	<20	1.63	0.01	0.03	<2
BLK1 0875S	Soil		0.001	0.023	12	4	0.05	61	0.04	<20	0.96	<0.01	0.03	<2
BLK1 0850S	Soil		0.001	0.041	6	8	0.16	53	0.09	<20	3.89	<0.01	0.04	<2
BLK1 0825S	Soil		0.001	0.030	10	8	0.44	51	0.06	<20	2.58	<0.01	0.03	<2
BLK1 0800S	Soil		0.001	0.037	11	7	0.54	43	0.04	<20	2.25	<0.01	0.03	<2
BLK1 0775S	Soil		0.001	0.024	13	4	0.25	19	0.01	<20	0.70	<0.01	0.02	<2
BLK1 0750S	Soil		0.001	0.035	10	7	0.36	42	0.04	<20	1.37	<0.01	0.03	<2
BLK1 0725S	Soil		0.001	0.028	9	7	0.20	58	0.04	<20	1.74	<0.01	0.03	<2
BLK1 2000S	Soil		0.001	0.030	15	6	0.19	38	0.02	<20	1.25	<0.01	0.03	<2
BLK1 1975S	Soil		0.001	0.050	10	8	0.24	55	0.05	<20	1.39	<0.01	0.04	<2
BLK1 1950S	Soil		0.001	0.036	11	9	0.26	54	0.03	<20	1.54	<0.01	0.04	<2
BLK1 1925S	Soil		0.001	0.019	13	6	0.11	40	0.03	<20	1.24	<0.01	0.03	<2
BLK1 1900S	Soil		0.001	0.025	15	8	0.09	38	0.03	<20	0.84	<0.01	0.03	<2
BLK1 1875S	Soil		0.001	0.019	12	3	0.02	36	0.02	<20	0.39	<0.01	0.02	<2
BLK1 1850S	Soil		0.001	0.020	16	4	0.13	35	<0.01	<20	0.85	<0.01	0.02	<2
BLK1 1825S	Soil		0.001	0.015	15	3	0.09	28	<0.01	<20	0.66	<0.01	0.02	<2
BLK1 1800S	Soil		0.001	0.027	11	6	0.13	30	0.02	<20	1.22	<0.01	0.02	<2
BLK1 1775S	Soil		0.001	0.085	8	11	0.19	49	0.06	<20	3.71	<0.01	0.04	<2
BLK1 1750S	Soil		0.001	0.058	6	10	0.16	34	0.07	<20	4.22	<0.01	0.03	<2
BLK1 1725S	Soil		0.001	0.065	6	10	0.12	44	0.09	<20	4.10	<0.01	0.03	<2
BLK1 1700S	Soil		0.001	0.061	10	12	0.19	35	0.05	<20	2.31	<0.01	0.04	<2
BLK1 1675S	Soil		0.001	0.047	13	8	0.09	30	0.03	<20	2.17	<0.01	0.03	<2
BLK1 1650S	Soil		0.001	0.072	6	9	0.09	52	0.07	<20	3.62	<0.01	0.03	<2
BLK1 1625S	Soil		0.001	0.017	20	3	0.04	17	0.01	<20	0.53	<0.01	0.02	<2
BLK1 1600S	Soil		0.001	0.025	16	4	0.06	34	0.04	<20	0.72	<0.01	0.02	<2
BLK1 1575S	Soil		0.001	0.032	7	8	0.08	33	0.11	<20	1.36	<0.01	0.03	<2

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Method	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01	
BLK1 1550S	Soil	5	<1	278	12	28	<0.3	6	3	134	2.07	<2	<8	<2	5	4	<0.5	<3	<3	31	0.02
BLK1 1525S	Soil	7	1	10	7	24	<0.3	4	3	85	1.63	2	<8	<2	3	4	<0.5	<3	<3	42	0.02
BLK1 1500S	Soil	<2	1	180	8	18	<0.3	5	4	91	2.80	5	<8	<2	8	4	<0.5	<3	<3	22	<0.01
BLK1 1475S	Soil	<2	<1	86	6	16	<0.3	4	3	58	1.89	4	<8	<2	3	5	<0.5	<3	<3	30	<0.01
BLK1 1450S	Soil	<2	<1	338	3	18	<0.3	6	5	79	2.58	4	<8	<2	7	6	<0.5	<3	<3	18	<0.01
BLK1 1425S	Soil	<2	<1	74	10	21	<0.3	5	3	104	2.52	4	<8	<2	3	4	<0.5	<3	<3	39	0.02

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
BLK1 1550S	Soil	0.047	12	12	0.12	41	0.04	<20	3.15	<0.01	0.04	↕
BLK1 1525S	Soil	0.026	17	9	0.09	31	0.05	<20	0.85	<0.01	0.04	↕
BLK1 1500S	Soil	0.036	21	12	0.11	31	0.01	<20	1.79	<0.01	0.04	↕
BLK1 1475S	Soil	0.030	29	8	0.08	43	0.02	<20	1.08	<0.01	0.04	↕
BLK1 1450S	Soil	0.029	25	8	0.10	39	<0.01	<20	1.24	<0.01	0.04	↕
BLK1 1425S	Soil	0.036	14	10	0.11	34	0.04	<20	2.36	<0.01	0.04	↕

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.6	3	3	1	0.01
Pulp Duplicates																							
L140OW 325N	Soil			6	1	22	38	127	<0.3	12	7	1665	2.96	8	<8	<2	3	10	<0.5	<3	5	36	0.10
REP L140OW 325N	QC				<1	23	40	130	<0.3	13	7	1689	3.12	11	<8	<2	2	11	<0.5	<3	4	37	0.11
L140OW 250N	Soil			5	<1	38	28	80	<0.3	11	6	230	3.34	13	<8	<2	4	4	<0.5	<3	5	56	0.05
REP L140OW 250N	QC			3																			
L150OW 175N	Soil			11	1	19	19	61	<0.3	11	5	235	2.63	9	<8	<2	6	4	<0.5	<3	8	32	0.03
REP L150OW 175N	QC				2	19	25	62	<0.3	11	5	243	2.63	12	<8	<2	6	4	<0.5	8	<3	32	0.03
L160OW 375N	Soil			I.S.	2	8	32	48	<0.3	8	3	174	2.47	8	<8	<2	4	4	<0.5	6	<3	35	0.02
REP L160OW 375N	QC			I.S.																			
L160OW 225N	Soil			3	<1	17	39	76	0.4	13	13	433	2.98	10	<8	<2	3	8	<0.5	<3	<3	24	0.05
REP L160OW 225N	QC				1	16	37	74	<0.3	13	12	431	2.93	16	<8	<2	<2	8	<0.5	<3	<3	24	0.05
L170OW 225N	Soil			4	<1	12	33	71	<0.3	9	5	187	2.91	19	<8	<2	5	4	<0.5	<3	<3	33	0.02
REP L170OW 225N	QC			<2																			
BLK1 550S	Soil			2	<1	7	5	28	<0.3	6	2	73	2.73	5	<8	<2	3	2	<0.5	<3	<3	28	<0.01
REP BLK1 550S	QC				<1	7	7	28	<0.3	5	2	71	2.68	4	<8	<2	4	2	<0.5	<3	<3	28	<0.01
BLK1 375S	Soil			<2	<1	8	5	24	<0.3	4	2	135	1.35	3	<8	<2	<2	3	<0.5	<3	3	24	0.01
REP BLK1 375S	QC			<2																			
BLK1 0850S	Soil			<2	<1	9	10	46	<0.3	7	4	153	2.32	<2	<8	<2	3	3	<0.5	<3	<3	31	0.02
REP BLK1 0850S	QC			3																			
BLK1 1625S	Soil			<2	<1	63	5	11	<0.3	3	2	46	1.12	5	<8	<2	2	3	<0.5	<3	<3	15	<0.01
REP BLK1 1625S	QC				<1	60	4	11	<0.3	3	2	45	1.08	3	<8	<2	3	3	<0.5	<3	<3	15	<0.01
Reference Materials																							
STD DS7	Standard				20	99	72	410	0.8	54	9	632	2.32	45	<8	<2	4	72	5.6	13	<3	80	0.95
STD DS7	Standard				21	87	71	408	1.6	56	9	638	2.41	45	<8	<2	4	75	5.7	9	5	84	0.97
STD DS7	Standard				19	138	62	428	0.9	53	8	605	2.37	49	9	<2	3	68	5.6	4	11	91	0.90
STD DS7	Standard				21	110	70	426	0.8	55	8	665	2.48	53	8	<2	3	71	5.8	6	7	98	0.98
STD DS7	Standard				20	102	79	418	0.8	55	9	645	2.44	54	<8	<2	5	76	6.0	4	4	98	1.00
STD DS7	Standard				20	102	74	391	0.9	51	8	604	2.30	48	<8	<2	5	69	5.6	3	7	91	0.93
STD DS7	Standard				21	96	63	385	0.9	51	8	618	2.34	50	<8	<2	4	68	5.2	5	6	82	0.91

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Part 2

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
Pulp Duplicates												
L140OW 325N	Soil	0.085	14	13	0.35	115	0.08	<20	1.90	<0.01	0.14	2
REP L140OW 325N	QC	0.088	15	13	0.36	118	0.09	<20	1.94	<0.01	0.15	<2
L140OW 250N	Soil	0.037	12	11	0.39	44	0.08	<20	1.74	<0.01	0.11	<2
REP L140OW 250N	QC											
L150OW 175N	Soil	0.025	13	10	0.33	41	0.05	<20	1.51	<0.01	0.10	<2
REP L150OW 175N	QC	0.026	14	10	0.33	41	0.06	<20	1.55	<0.01	0.10	<2
L160OW 375N	Soil	0.026	11	9	0.20	51	0.09	<20	1.09	<0.01	0.07	3
REP L160OW 375N	QC											
L160OW 225N	Soil	0.046	23	11	0.39	46	0.06	<20	1.62	<0.01	0.17	<2
REP L160OW 225N	QC	0.046	22	11	0.37	46	0.06	<20	1.56	<0.01	0.17	<2
L170OW 225N	Soil	0.036	13	11	0.29	55	0.07	<20	1.53	<0.01	0.10	<2
REP L170OW 225N	QC											
BLK1 550S	Soil	0.031	10	8	0.18	41	0.04	<20	1.61	<0.01	0.03	<2
REP BLK1 550S	QC	0.032	10	8	0.18	41	0.05	<20	1.60	<0.01	0.03	<2
BLK1 375S	Soil	0.034	10	5	0.08	50	0.05	<20	2.02	<0.01	0.03	<2
REP BLK1 375S	QC											
BLK1 0850S	Soil	0.041	6	8	0.16	53	0.09	<20	3.89	<0.01	0.04	<2
REP BLK1 0850S	QC											
BLK1 1825S	Soil	0.017	20	3	0.04	17	0.01	<20	0.53	<0.01	0.02	<2
REP BLK1 1825S	QC	0.016	19	3	0.04	16	0.01	<20	0.51	<0.01	0.02	<2
Reference Materials												
STD DS7	Standard	0.072	12	197	1.02	395	0.12	37	1.04	0.09	0.45	3
STD DS7	Standard	0.072	13	200	1.04	395	0.12	40	1.07	0.10	0.46	7
STD DS7	Standard	0.075	11	191	1.03	406	0.11	43	0.96	0.09	0.46	4
STD DS7	Standard	0.078	12	202	1.09	423	0.12	46	1.06	0.09	0.48	4
STD DS7	Standard	0.075	13	202	1.08	416	0.12	43	1.09	0.10	0.48	<2
STD DS7	Standard	0.072	11	186	1.03	395	0.11	48	1.03	0.09	0.45	<2
STD DS7	Standard	0.071	11	190	1.02	389	0.11	27	1.00	0.09	0.44	3

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www.acmelab.com

Client: **Kootenay Gold Inc.**
 Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project: **LEADVILLE CREEK**
 Report Date: **September 09, 2008**

Page: 2 of 3 Part 1

		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
STD DS7	Standard		18	98	59	384	1.1	51	8	610	2.30	48	<8	<2	4	66	5.4	4	6	80	0.90
STD DS7	Standard		19	103	68	389	0.9	50	8	636	2.32	46	<8	<2	5	68	5.4	8	6	79	0.94
STD DS7	Standard		20	107	67	421	0.9	55	9	626	2.39	52	8	<2	5	65	5.7	7	4	85	0.92
STD DS7	Standard		22	113	75	420	1.1	56	10	683	2.51	53	<8	<2	6	83	6.0	6	7	88	1.05
STD DS7	Standard		21	112	74	427	1.0	56	10	688	2.58	54	<8	<2	5	85	6.4	<3	5	93	1.06
STD OXE56	Standard	622																			
STD OXE56	Standard	597																			
STD OXE56	Standard	590																			
STD OXE56	Standard	598																			
STD OXE56	Standard	609																			
STD OXE56	Standard	603																			
STD OXE56	Standard	627																			
STD OXE56	Standard	631																			
STD OXE56	Standard	601																			
STD OXE56	Standard	594																			
STD OXE56	Standard	600																			
STD OXE56	Standard	604																			
STD OXE56	Standard	632																			
STD OXE56	Standard	572																			
STD OXE56	Standard	569																			
STD DS7 Expected			21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	69	6.4	6	5	86	0.93
STD OXE56 Expected		611																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client:

Kootenay Gold Inc.

Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project:

LEADVILLE CREEK

Report Date:

September 09, 2008

Page:

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Part 2

		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
STD DS7	Standard	0.071	11	184	1.03	386	0.11	28	0.98	0.08	0.44	<2
STD DS7	Standard	0.070	11	186	1.06	398	0.11	34	1.03	0.09	0.45	4
STD DS7	Standard	0.074	11	198	1.05	401	0.11	34	0.99	0.08	0.46	2
STD DS7	Standard	0.075	14	215	1.13	422	0.08	42	1.15	0.11	0.49	3
STD DS7	Standard	0.076	14	220	1.16	437	0.09	43	1.17	0.11	0.51	<2
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
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STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD DS7 Expected		0.08	13	163	1.05	370	0.12	39	0.959	0.073	0.44	4
STD OXE56 Expected												
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2

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		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	4																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	3																			
BLK	Blank	<2																			
BLK	Blank	3																			
BLK	Blank	<2																			

		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		P	La	Cr	Mg	Ba	Tl	B	At	Na	K
		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm
		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01
BLK	Blank										
BLK	Blank										
BLK	Blank										
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Client: Kootenay Gold Inc.
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 Canada

Submitted By: Jim McDonald
Receiving Lab: Canada-Vancouver
Received: August 06, 2008
Report Date: September 03, 2008
Page: 1 of 11

CLIENT JOB INFORMATION

Project: LEADVILLE CREEK
Shipment ID:
P.O. Number:
Number of Samples: 273

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

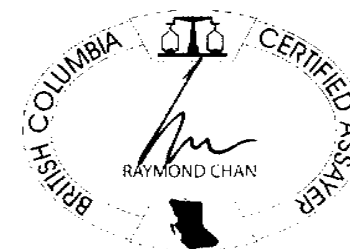
Invoice To: Kootenay Gold Inc.
Suite 960 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
Canada

CC: Sean Kennedy

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	273	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	273	Dry at 60C		
3B	258	Fire assay fusion Au by ICP-ES	30	Completed
1DD	273	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%		
LOW 500N	Soil			12	<1	32	24	83	<0.3	13	8	923	3.21	9	<8	<2	3	13	<0.5	<3	<3	69	0.28
LOW 475N	Soil			12	<1	34	25	64	<0.3	12	10	615	3.36	8	<8	<2	3	7	<0.5	<3	<3	83	0.14
LOW 450N	Soil			14	<1	24	62	178	<0.3	8	6	2499	1.24	5	<8	<2	<2	54	1.0	<3	<3	31	1.31
LOW 425N	Soil			40	<1	39	20	55	<0.3	12	13	713	3.16	3	<8	<2	<2	12	<0.5	<3	<3	93	0.30
LOW 400N	Soil			111	<1	52	19	42	<0.3	11	14	1689	2.75	3	<8	<2	<2	5	<0.5	<3	<3	62	0.12
LOW 375N	Soil			34	<1	<1	<3	<1	<0.3	<1	<1	15	0.04	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
LOW 350N	Soil			15	<1	41	49	91	0.4	14	10	1177	3.12	5	<8	<2	<2	9	<0.5	<3	<3	82	0.19
LOW 325N	Soil			30	<1	73	28	73	0.5	16	11	575	3.23	7	<8	<2	<2	9	0.6	<3	<3	87	0.24
LOW 300N	Soil			17	<1	76	17	65	0.3	18	14	390	3.92	5	<8	<2	3	8	<0.5	<3	<3	135	0.30
LOW 275N	Soil			9	<1	68	19	85	0.3	17	13	511	4.07	4	<8	<2	2	7	<0.5	<3	<3	111	0.19
LOW 250N	Soil			7	1	41	19	78	0.6	15	10	311	3.45	6	<8	<2	3	7	<0.5	<3	<3	77	0.12
LOW 225N	Soil			6	<1	67	28	88	0.6	14	9	285	3.48	5	<8	<2	2	8	<0.5	<3	4	69	0.12
LOW 200N	Soil			2	1	51	21	104	0.3	12	12	858	3.23	4	<8	<2	2	8	<0.5	<3	<3	60	0.09
LOW 175N	Soil			69	<1	35	26	67	<0.3	13	9	389	3.05	5	<8	<2	2	10	<0.5	<3	<3	73	0.13
LOW 150N	Soil			5	1	57	43	69	0.4	15	22	2424	2.64	4	<8	<2	<2	19	0.7	<3	<3	61	0.34
LOW 125N	Soil			4	1	35	32	93	<0.3	14	11	513	3.53	4	<8	<2	2	7	<0.5	<3	<3	65	0.08
LOW 100N	Soil			<2	<1	21	16	91	<0.3	13	9	1041	2.75	3	<8	<2	2	7	<0.5	<3	<3	51	0.09
LOW 075N	Soil			13	<1	17	27	74	0.5	10	6	258	3.72	4	<8	<2	2	8	<0.5	<3	<3	64	0.11
LOW 050N	Soil			3	<1	17	23	57	<0.3	9	5	321	2.55	4	<8	<2	<2	7	<0.5	<3	<3	63	0.11
LOW 025N	Soil			<2	<1	16	21	82	<0.3	10	6	240	3.32	6	<8	<2	4	6	<0.5	4	<3	82	0.07
LOW 000N	Soil			<2	<1	20	17	63	<0.3	13	7	215	3.29	5	<8	<2	3	6	<0.5	<3	<3	82	0.09
L10OW 500N	Soil			13	<1	50	22	70	<0.3	13	12	638	3.41	6	<8	<2	2	12	<0.5	<3	<3	95	0.35
L10OW 475N	Soil			16	<1	44	24	67	<0.3	14	14	642	3.87	6	<8	<2	3	9	<0.5	<3	3	99	0.23
L10OW 450N	Soil			9	<1	39	23	55	<0.3	13	10	628	3.44	5	<8	<2	<2	15	<0.5	<3	<3	91	0.28
L10OW 425N	Soil			23	<1	54	32	65	<0.3	16	17	848	3.85	5	<8	<2	<2	17	<0.5	<3	<3	104	0.33
L10OW 400N	Soil			25	<1	39	22	61	0.3	15	13	790	3.85	3	<8	<2	3	10	<0.5	<3	<3	120	0.19
L10OW 375N	Soil			16	<1	39	24	57	<0.3	15	15	667	4.08	4	<8	<2	2	10	<0.5	4	<3	115	0.21
L10OW 350N	Soil			6	<1	48	20	54	<0.3	14	12	582	3.17	6	<8	<2	2	8	<0.5	<3	<3	77	0.24
L10OW 325N	Soil			7	<1	33	14	53	<0.3	12	10	346	3.06	6	<8	<2	3	7	<0.5	<3	<3	77	0.20
L10OW 300N	Soil			12	<1	36	15	60	0.4	12	10	385	3.14	4	<8	<2	3	7	<0.5	<3	<3	83	0.22

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
LOW 500N	Soil		0.001	0.047	14	11	0.35	82	0.05	<20	1.59	0.01	0.13	<2
LOW 475N	Soil		0.044	12	12	0.33	55	0.05	<20	1.47	0.01	0.10	<2	<2
LOW 450N	Soil		0.064	5	6	0.20	314	0.04	<20	0.69	0.02	0.10	<2	<2
LOW 425N	Soil		0.037	10	8	0.39	61	0.06	<20	1.40	0.02	0.14	<2	<2
LOW 400N	Soil		0.054	10	8	0.39	29	0.04	<20	1.10	0.01	0.10	<2	<2
LOW 375N	Soil		<0.001	<1	<1	<0.01	<1	<0.01	<20	0.01	<0.01	<0.01	<2	<2
LOW 350N	Soil		0.067	9	15	0.33	132	0.06	<20	1.55	0.01	0.11	<2	<2
LOW 325N	Soil		0.073	11	15	0.42	48	0.05	<20	2.15	0.02	0.08	<2	<2
LOW 300N	Soil		0.041	8	15	0.53	59	0.07	<20	1.88	0.02	0.07	<2	<2
LOW 275N	Soil		0.048	10	16	0.47	64	0.07	<20	2.15	0.02	0.09	<2	<2
LOW 250N	Soil		0.054	15	19	0.41	61	0.06	<20	2.72	0.01	0.08	<2	<2
LOW 225N	Soil		0.072	8	18	0.32	66	0.07	<20	2.43	0.01	0.07	<2	<2
LOW 200N	Soil		0.081	9	15	0.28	106	0.09	<20	2.46	0.01	0.07	<2	<2
LOW 175N	Soil		0.045	9	16	0.31	88	0.06	<20	1.40	<0.01	0.08	<2	<2
LOW 150N	Soil		0.082	37	15	0.37	82	0.05	<20	1.74	0.01	0.10	<2	<2
LOW 125N	Soil		0.084	11	18	0.35	82	0.07	<20	2.50	0.01	0.09	<2	<2
LOW 100N	Soil		0.085	9	16	0.29	97	0.07	<20	3.20	0.01	0.08	<2	<2
LOW 075N	Soil		0.064	7	17	0.22	81	0.10	<20	1.90	0.01	0.07	<2	<2
LOW 050N	Soil		0.044	8	15	0.19	49	0.06	<20	1.14	<0.01	0.08	<2	<2
LOW 025N	Soil		0.038	10	17	0.30	58	0.06	<20	1.50	<0.01	0.08	<2	<2
LOW 000N	Soil		0.045	9	19	0.37	44	0.06	<20	1.70	<0.01	0.09	<2	<2
L100W 500N	Soil		0.066	10	9	0.46	80	0.05	<20	1.47	0.02	0.12	<2	<2
L100W 475N	Soil		0.082	12	11	0.49	46	0.06	<20	1.84	0.02	0.13	<2	<2
L100W 450N	Soil		0.053	12	10	0.41	68	0.06	<20	1.47	0.02	0.13	<2	<2
L100W 425N	Soil		0.054	12	12	0.62	43	0.06	<20	1.80	0.02	0.11	<2	<2
L100W 400N	Soil		0.064	10	12	0.61	76	0.06	<20	1.52	0.01	0.08	<2	<2
L100W 375N	Soil		0.048	12	12	0.75	35	0.06	<20	1.75	0.01	0.11	<2	<2
L100W 350N	Soil		0.063	12	10	0.51	59	0.04	<20	1.50	0.02	0.11	<2	<2
L100W 325N	Soil		0.035	11	10	0.41	41	0.05	<20	1.56	0.02	0.09	<2	<2
L100W 300N	Soil		0.034	11	9	0.40	53	0.06	<20	1.64	0.02	0.08	<2	<2

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 Phone (604) 253-3158 Fax (604) 253-1716

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Client:

Kootenay Gold Inc.

Suite 960 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 Canada

Project:

LEADVILLE CREEK

Report Date:

September 03, 2008

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Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D			
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%		
L100W 275N	Soil			11	<1	40	18	54	0.3	10	8	549	2.44	<2	<8	<2	12	<0.5	4	<3	64	0.26	
L100W 250N	Soil			6	<1	60	16	65	0.6	15	19	772	3.31	<2	<8	<2	10	<0.5	4	8	75	0.17	
L100W 225N	Soil			3	<1	52	27	38	0.5	10	26	1183	1.68	<2	<8	<2	27	0.9	<3	<3	41	0.40	
L100W 200N	Soil			18	<1	42	18	67	0.5	13	16	892	3.11	<2	<8	<2	16	0.6	4	<3	72	0.25	
L100W 175N	Soil			10	<1	54	17	73	0.4	14	18	731	3.88	<2	<8	<2	3	9	0.6	6	<3	82	0.15
L100W 150N	Soil			2	<1	60	20	35	0.4	13	9	229	2.65	2	<8	<2	2	9	<0.5	4	<3	81	0.22
L100W 125N	Soil			7	<1	64	12	72	0.7	15	14	395	3.47	2	<8	<2	2	5	0.6	<3	<3	81	0.10
L100W 100N	Soil			10	<1	59	14	75	0.4	17	11	391	4.16	<2	<8	<2	3	6	<0.5	<3	<3	117	0.14
L100W 075N	Soil			18	<1	22	10	51	0.4	9	5	318	2.98	3	<8	<2	3	5	<0.5	<3	<3	68	0.07
L100W 050N	Soil			<2	<1	23	17	58	0.4	10	7	510	3.20	4	<8	<2	5	<0.5	<3	3	71	0.07	
L100W 025N	Soil			3	<1	25	11	62	0.6	10	9	463	3.41	4	<8	<2	2	5	0.5	<3	<3	66	0.05
L100W 000N	Soil			<2	<1	31	31	64	0.4	12	9	1649	2.58	<2	<8	<2	2	10	<0.5	7	4	81	0.16
L200W 500N	Soil			<2	<1	28	23	89	0.3	13	10	577	2.80	7	<8	<2	4	6	0.5	<3	4	40	0.06
L200W 475N	Soil			<2	<1	32	19	104	0.4	15	14	561	3.19	5	<8	<2	5	6	0.5	<3	4	51	0.07
L200W 450N	Soil			22	<1	56	30	111	<0.3	24	22	738	3.75	7	<8	<2	3	13	0.9	<3	<3	72	0.17
L200W 425N	Soil			18	<1	40	23	93	<0.3	17	16	1195	3.54	3	<8	<2	<2	13	0.6	<3	7	79	0.21
L200W 400N	Soil			12	<1	42	24	79	0.3	15	18	800	3.37	4	<8	<2	<2	14	<0.5	<3	3	74	0.16
L200W 375N	Soil			31	<1	55	19	72	0.4	17	16	376	3.85	6	<8	<2	3	8	0.7	6	5	103	0.18
L200W 350N	Soil			14	<1	49	13	56	<0.3	12	10	314	3.46	5	<8	<2	3	6	<0.5	<3	10	89	0.16
L200W 325N	Soil			8	<1	43	11	83	0.5	12	10	327	3.28	3	<8	<2	3	5	<0.5	<3	<3	79	0.14
L200W 300N	Soil			22	<1	46	14	63	0.5	12	9	435	3.41	9	<8	<2	3	7	<0.5	<3	3	84	0.16
L200W 275N	Soil			86	<1	56	17	56	<0.3	14	11	284	3.08	6	<8	<2	4	5	<0.5	<3	13	69	0.12
L200W 250N	Soil			14	<1	60	27	62	0.3	14	26	1447	2.77	<2	<8	<2	<2	26	1.0	<3	6	63	0.38
L200W 225N	Soil			5	<1	43	16	65	0.3	13	11	597	3.18	<2	<8	<2	<2	9	<0.5	3	4	73	0.19
L200W 200N	Soil			8	<1	32	6	62	<0.3	11	11	644	2.93	2	<8	<2	<2	8	<0.5	3	<3	66	0.14
L200W 175N	Soil			<2	<1	32	10	99	0.5	10	10	957	2.91	3	<8	<2	<2	10	0.5	<3	5	57	0.23
L200W 150N	Soil			3	<1	35	13	56	0.4	11	7	340	3.24	2	<8	<2	<2	10	<0.5	<3	4	84	0.25
L200W 125N	Soil			15	<1	48	20	85	<0.3	12	13	804	3.46	5	<8	<2	<2	8	<0.5	<3	4	82	0.15
L200W 100N	Soil			8	<1	60	13	68	0.4	14	13	371	3.16	5	<8	<2	2	8	<0.5	<3	<3	75	0.19
L200W 075N	Soil			12	<1	64	30	75	0.4	12	19	1848	3.78	3	<8	<2	<2	27	0.7	3	<3	96	0.66

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L100W 275N	Soil			0.054	8	6	0.30	57	0.06	<20	1.05	0.01	0.09	3
L100W 250N	Soil			0.045	16	9	0.48	43	0.07	<20	1.86	<0.01	0.10	<2
L100W 225N	Soil			0.099	43	7	0.24	39	0.02	<20	1.57	0.01	0.07	<2
L100W 200N	Soil			0.059	13	9	0.38	72	0.05	<20	1.33	<0.01	0.10	<2
L100W 175N	Soil			0.047	16	11	0.45	46	0.09	<20	1.98	<0.01	0.12	<2
L100W 150N	Soil			0.034	8	9	0.37	39	0.07	<20	1.18	0.01	0.08	2
L100W 125N	Soil			0.070	10	14	0.43	63	0.08	<20	2.77	0.01	0.07	<2
L100W 100N	Soil			0.067	7	16	0.55	57	0.11	<20	2.05	<0.01	0.09	<2
L100W 075N	Soil			0.040	6	13	0.25	60	0.10	<20	1.97	<0.01	0.05	<2
L100W 050N	Soil			0.053	7	15	0.32	55	0.09	<20	1.69	<0.01	0.06	<2
L100W 025N	Soil			0.051	7	13	0.22	64	0.13	<20	1.93	<0.01	0.05	<2
L100W 000N	Soil			0.057	7	13	0.42	154	0.07	<20	1.10	<0.01	0.08	<2
L200W 500N	Soil			0.056	17	11	0.33	72	0.06	<20	1.53	<0.01	0.13	<2
L200W 475N	Soil			0.044	19	13	0.38	62	0.08	<20	2.13	<0.01	0.12	<2
L200W 450N	Soil			0.065	17	15	0.59	69	0.08	<20	2.42	<0.01	0.17	<2
L200W 425N	Soil			0.051	11	11	0.55	78	0.07	<20	1.79	<0.01	0.14	<2
L200W 400N	Soil			0.049	17	11	0.46	57	0.06	<20	1.72	<0.01	0.12	<2
L200W 375N	Soil			0.046	12	11	0.88	33	0.08	<20	2.31	0.01	0.10	<2
L200W 350N	Soil			0.045	10	8	0.46	31	0.09	<20	1.72	0.01	0.09	<2
L200W 325N	Soil			0.040	10	8	0.41	48	0.09	<20	1.71	0.01	0.09	4
L200W 300N	Soil			0.057	9	9	0.39	53	0.07	<20	1.47	0.01	0.10	<2
L200W 275N	Soil			0.045	13	9	0.42	39	0.09	<20	2.60	0.01	0.10	<2
L200W 250N	Soil			0.091	34	8	0.34	52	0.04	<20	1.53	<0.01	0.09	<2
L200W 225N	Soil			0.042	9	10	0.39	43	0.09	<20	1.86	0.01	0.09	<2
L200W 200N	Soil			0.045	11	9	0.30	60	0.07	<20	1.30	<0.01	0.09	<2
L200W 175N	Soil			0.083	7	9	0.29	98	0.07	<20	1.79	<0.01	0.08	<2
L200W 150N	Soil			0.057	6	10	0.28	54	0.09	<20	1.06	<0.01	0.08	<2
L200W 125N	Soil			0.071	11	10	0.35	71	0.09	<20	1.76	0.01	0.10	<2
L200W 100N	Soil			0.043	13	9	0.46	62	0.08	<20	2.36	0.01	0.09	<2
L200W 075N	Soil			0.067	11	9	0.26	137	0.09	<20	1.35	0.01	0.08	<2

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D			
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L20OW 050N	Soil			10	<1	80	15	42	<0.3	16	14	338	2.95	9	<8	<2	3	9	<0.5	<3	8	74	0.21
L20OW 025N	Soil			48	<1	32	14	60	0.3	11	9	332	3.49	2	<8	<2	2	9	0.7	4	12	105	0.20
L20OW 000N	Soil			<2	<1	15	21	60	0.4	8	4	318	3.05	<2	<8	<2	<2	8	<0.5	<3	<3	63	0.12
L30OW 500N	Soil			4	<1	32	41	109	<0.3	15	10	469	3.34	12	<8	<2	5	6	<0.5	<3	<3	52	0.08
L30OW 475N	Soil			7	<1	48	22	102	<0.3	16	14	710	3.66	6	<8	<2	3	8	0.6	<3	7	71	0.09
L30OW 450N	Soil			3	<1	47	34	131	<0.3	15	17	1705	3.38	5	<8	<2	<2	15	0.6	<3	<3	65	0.27
L30OW 425N	Soil			14	<1	34	27	97	<0.3	14	17	1240	3.80	6	<8	<2	4	16	<0.5	<3	<3	71	0.24
L30OW 400N	Soil			12	1	26	19	48	<0.3	12	6	336	3.47	4	<8	<2	3	11	<0.5	<3	<3	94	0.17
L30OW 375N	Soil			14	<1	48	20	70	<0.3	12	11	579	4.30	4	<8	<2	4	7	<0.5	<3	<3	109	0.15
L30OW 350N	Soil			8	<1	88	28	101	<0.3	16	22	2414	4.25	4	<8	<2	2	21	<0.5	<3	<3	166	0.42
L30OW 325N	Soil			50	<1	140	8	95	<0.3	21	35	1722	5.42	4	<8	<2	2	14	<0.5	<3	<3	248	0.28
L30OW 300N	Soil			12	<1	80	15	99	<0.3	21	21	1785	4.78	5	<8	<2	3	11	<0.5	<3	<3	200	0.26
L30OW 275N	Soil			14	<1	52	21	64	<0.3	19	12	278	4.55	<2	<8	<2	8	6	<0.5	<3	<3	134	0.15
L30OW 250N	Soil			27	<1	49	17	56	<0.3	15	14	1023	4.02	5	<8	<2	3	6	<0.5	<3	<3	129	0.15
L30OW 225N	Soil			22	<1	32	13	53	<0.3	13	8	333	3.34	3	<8	<2	4	8	<0.5	<3	<3	101	0.22
L30OW 200N	Soil			10	<1	37	17	67	<0.3	14	11	344	3.67	4	<8	<2	5	7	<0.5	<3	<3	104	0.17
L30OW 175N	Soil			17	<1	99	18	91	<0.3	17	17	1357	4.09	<2	<8	<2	<2	14	<0.5	<3	<3	95	0.36
L30OW 150N	Soil			9	<1	84	23	93	<0.3	19	17	888	4.19	6	<8	<2	4	13	<0.5	<3	<3	107	0.34
L30OW 125N	Soil			8	<1	81	19	81	<0.3	18	15	379	3.97	<2	<8	<2	4	8	<0.5	<3	<3	106	0.19
L30OW 100N	Soil			7	<1	93	17	99	<0.3	21	26	1346	4.40	<2	<8	<2	4	12	<0.5	<3	<3	133	0.22
L30OW 075N	Soil			3	<1	62	19	99	<0.3	18	18	866	4.23	3	<8	<2	5	7	<0.5	<3	<3	124	0.15
L30OW 050N	Soil			168	<1	79	18	108	<0.3	20	19	540	3.86	4	<8	<2	6	7	<0.5	<3	<3	108	0.13
L30OW 025N	Soil			7	<1	53	18	97	<0.3	18	16	613	4.04	<2	<8	<2	5	7	<0.5	<3	<3	108	0.12
L30OW 000N	Soil			<2	<1	32	12	98	<0.3	13	10	876	3.68	5	<8	<2	3	8	<0.5	<3	<3	96	0.12
L40OW 500N	Soil			3	<1	48	29	94	<0.3	16	20	838	4.14	11	<8	<2	6	10	<0.5	<3	<3	69	0.19
L40OW 475N	Soil			5	<1	46	20	75	<0.3	14	13	817	3.70	8	<8	<2	3	8	<0.5	<3	<3	77	0.11
L40OW 450N	Soil			<2	<1	46	19	81	<0.3	17	20	1447	3.82	4	<8	<2	3	7	<0.5	<3	<3	73	0.12
L40OW 425N	Soil			4	<1	40	15	92	<0.3	18	27	2107	4.35	8	<8	<2	3	10	<0.5	<3	<3	95	0.14
L40OW 400N	Soil			<2	<1	39	19	90	<0.3	19	27	2208	4.49	9	<8	<2	3	10	<0.5	<3	<3	96	0.14
L40OW 375N	Soil			2	<1	43	24	90	<0.3	16	18	925	3.95	5	<8	<2	5	9	<0.5	<3	<3	87	0.17

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L20OW 050N	Soil		0.001	0.027	15	11	0.53	47	0.07	<20	1.49	0.02	0.10	↕
L20OW 025N	Soil		0.001	0.036	7	11	0.31	78	0.11	<20	1.51	0.01	0.07	↕
L20OW 000N	Soil		0.001	0.043	6	11	0.19	79	0.12	<20	1.32	<0.01	0.04	↕
L30OW 500N	Soil		0.001	0.037	14	10	0.35	61	0.05	<20	1.54	<0.01	0.10	↕
L30OW 475N	Soil		0.001	0.041	20	12	0.48	64	0.07	<20	2.00	<0.01	0.14	↕
L30OW 450N	Soil		0.001	0.083	14	10	0.45	114	0.08	<20	1.74	<0.01	0.15	↕
L30OW 425N	Soil		0.001	0.056	22	11	0.39	55	0.09	<20	1.65	<0.01	0.15	↕
L30OW 400N	Soil		0.001	0.054	13	11	0.26	39	0.11	<20	1.08	<0.01	0.08	↕
L30OW 375N	Soil		0.001	0.044	13	9	0.43	32	0.12	<20	1.82	0.01	0.11	↕
L30OW 350N	Soil		0.001	0.078	9	9	0.45	111	0.10	<20	1.53	0.01	0.14	↕
L30OW 325N	Soil		0.001	0.089	13	9	0.71	63	0.08	<20	2.37	0.01	0.10	↕
L30OW 300N	Soil		0.001	0.074	12	9	0.75	95	0.08	<20	2.20	0.01	0.12	↕
L30OW 275N	Soil		0.001	0.041	14	11	0.66	52	0.08	<20	1.87	0.01	0.09	↕
L30OW 250N	Soil		0.001	0.041	13	10	0.56	47	0.08	<20	1.81	0.01	0.09	↕
L30OW 225N	Soil		0.001	0.046	11	12	0.47	51	0.08	<20	1.57	0.01	0.11	↕
L30OW 200N	Soil		0.001	0.048	11	10	0.40	55	0.10	<20	2.02	0.01	0.10	↕
L30OW 175N	Soil		0.001	0.125	10	15	0.76	63	0.07	<20	2.20	0.01	0.11	↕
L30OW 150N	Soil		0.001	0.087	11	15	0.65	86	0.08	<20	2.20	0.02	0.13	↕
L30OW 125N	Soil		0.001	0.046	11	13	0.56	67	0.09	<20	2.17	0.01	0.09	↕
L30OW 100N	Soil		0.001	0.059	23	12	0.57	74	0.10	<20	2.51	0.01	0.12	↕
L30OW 075N	Soil		0.001	0.040	13	12	0.52	85	0.11	<20	2.40	0.01	0.09	↕
L30OW 050N	Soil		0.001	0.052	13	12	0.50	98	0.11	<20	3.23	0.01	0.09	↕
L30OW 025N	Soil		0.001	0.075	11	12	0.44	75	0.12	<20	3.10	0.01	0.09	↕
L30OW 000N	Soil		0.001	0.057	12	11	0.34	121	0.10	<20	2.65	0.01	0.08	↕
L40OW 500N	Soil		0.001	0.081	23	11	0.46	53	0.07	<20	2.30	0.01	0.14	↕
L40OW 475N	Soil		0.001	0.085	27	10	0.36	31	0.07	<20	1.59	0.01	0.14	↕
L40OW 450N	Soil		0.001	0.082	19	11	0.51	51	0.08	<20	2.36	0.01	0.11	↕
L40OW 425N	Soil		0.001	0.084	15	12	0.70	91	0.07	<20	2.11	0.01	0.12	↕
L40OW 400N	Soil		0.001	0.084	15	13	0.71	93	0.07	<20	2.13	0.01	0.11	↕
L40OW 375N	Soil		0.001	0.073	13	11	0.56	74	0.08	<20	2.18	0.01	0.10	↕

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		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit:		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L40OW 350N	Soil	56	<1	36	10	62	<0.3	12	13	426	3.28	4	<8	<2	5	7	<0.5	<3	<3	89	0.17
L40OW 325N	Soil	92	<1	21	30	101	<0.3	10	13	3142	2.73	4	<8	<2	4	12	<0.5	<3	<3	67	0.22
L40OW 300N	Soil	63	<1	49	14	102	<0.3	17	20	595	3.87	6	<8	<2	6	8	<0.5	<3	<3	108	0.14
L40OW 275N	Soil	7	<1	95	13	82	<0.3	18	19	527	5.81	3	<8	<2	5	8	<0.5	<3	<3	262	0.20
L40OW 250N	Soil	10	<1	116	10	79	<0.3	22	22	924	5.50	7	<8	<2	3	9	<0.5	<3	<3	274	0.22
L40OW 225N	Soil	11	<1	69	18	93	<0.3	19	29	1290	4.75	5	<8	<2	3	9	<0.5	<3	<3	185	0.18
L40OW 200N	Soil	23	<1	70	16	78	<0.3	22	21	551	4.72	8	<8	<2	4	13	<0.5	<3	<3	148	0.36
L40OW 175N	Soil	13	<1	61	9	59	<0.3	19	19	722	4.83	3	<8	<2	4	12	<0.5	<3	<3	141	0.38
L40OW 150N	Soil	361	<1	53	14	50	<0.3	14	9	319	4.42	6	<8	<2	4	13	<0.5	<3	<3	149	0.31
L40OW 125N	Soil	3	<1	78	25	84	<0.3	17	23	2034	3.48	3	<8	<2	3	17	<0.5	<3	<3	102	0.42
L40OW 100N	Soil	<2	<1	69	18	63	<0.3	15	21	2138	3.60	<2	<8	<2	3	8	<0.5	<3	<3	98	0.18
L40OW 075N	Soil	424	<1	51	11	64	<0.3	14	12	653	3.51	4	<8	<2	4	11	<0.5	<3	<3	99	0.26
L40OW 050N	Soil	12	<1	58	22	57	<0.3	15	11	588	3.93	7	<8	<2	3	10	<0.5	<3	<3	152	0.25
L40OW 025N	Soil	13	<1	75	10	71	<0.3	20	15	300	4.18	4	<8	<2	4	6	<0.5	<3	<3	131	0.14
L40OW 000N	Soil	6	1	62	17	68	<0.3	17	14	391	3.88	8	<8	<2	2	7	<0.5	4	5	132	0.18
L50OW 500N	Soil	<2	1	60	24	99	0.3	17	21	1852	3.88	10	<8	<2	2	19	0.7	<3	5	85	0.26
L50OW 475N	Soil	<2	<1	47	30	89	<0.3	16	22	1624	3.94	7	<8	<2	2	20	0.6	<3	5	86	0.26
L50OW 450N	Soil	<2	2	24	15	73	<0.3	11	7	705	3.59	9	<8	<2	<2	7	<0.5	<3	5	66	0.09
L50OW 425N	Soil	19	1	48	23	77	<0.3	17	9	332	3.20	9	<8	<2	5	5	<0.5	<3	9	52	0.08
L50OW 400N	Soil	<2	1	48	26	83	<0.3	12	10	529	4.30	8	<8	<2	4	5	<0.5	<3	4	82	0.08
L50OW 375N	Soil	11	2	61	21	86	<0.3	14	12	415	3.72	7	<8	<2	4	5	<0.5	<3	4	64	0.07
L50OW 350N	Soil	8	<1	34	13	81	<0.3	14	10	598	3.58	8	<8	<2	4	6	<0.5	<3	7	61	0.08
L50OW 325N	Soil	3	<1	44	19	98	<0.3	13	12	915	3.77	8	<8	<2	3	6	<0.5	<3	6	70	0.08
L50OW 300N	Soil	15	2	41	14	94	<0.3	13	11	538	3.94	4	<8	<2	3	6	<0.5	<3	<3	77	0.09
L50OW 275N	Soil	8	<1	28	17	91	<0.3	13	14	1138	3.79	11	<8	<2	3	6	<0.5	<3	6	69	0.08
L50OW 250N	Soil	5	1	54	18	104	<0.3	17	23	702	3.38	6	8	<2	5	5	<0.5	<3	7	69	0.08
L50OW 225N	Soil	3	1	66	21	100	<0.3	20	23	1138	3.96	6	<8	<2	4	7	<0.5	3	4	105	0.14
L50OW 200N	Soil	3	<1	181	14	89	<0.3	30	35	648	4.68	9	<8	<2	3	6	<0.5	<3	<3	209	0.10
L50OW 175N	Soil	5	1	165	9	86	<0.3	31	33	1395	5.62	6	<8	<2	4	9	<0.5	<3	3	285	0.23
L50OW 150N	Soil	13	<1	208	6	90	<0.3	35	41	902	6.25	10	<8	<2	5	7	<0.5	6	<3	299	0.20

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Project:

LEADVILLE CREEK

Report Date:

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
				0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
L40OW 350N	Soil			0.024	13	8	0.42	49	0.08	<20	1.64	0.02	0.07	<2
L40OW 325N	Soil			0.054	14	10	0.26	140	0.04	<20	1.33	<0.01	0.09	<2
L40OW 300N	Soil			0.048	14	9	0.59	71	0.08	<20	2.57	0.01	0.11	<2
L40OW 275N	Soil			0.056	11	7	0.76	46	0.11	<20	2.18	0.01	0.10	<2
L40OW 250N	Soil			0.040	10	7	0.79	71	0.12	<20	2.31	0.02	0.08	<2
L40OW 225N	Soil			0.057	14	10	0.61	61	0.10	<20	2.00	0.01	0.12	<2
L40OW 200N	Soil			0.048	11	12	0.92	59	0.09	<20	2.39	0.02	0.09	<2
L40OW 175N	Soil			0.045	10	13	0.89	51	0.10	<20	2.46	0.01	0.09	<2
L40OW 150N	Soil			0.041	10	11	0.46	38	0.12	<20	1.56	0.01	0.08	<2
L40OW 125N	Soil			0.086	21	14	0.68	72	0.06	<20	2.22	0.01	0.09	<2
L40OW 100N	Soil			0.047	10	15	0.46	66	0.09	<20	1.87	0.01	0.09	<2
L40OW 075N	Soil			0.044	9	11	0.49	57	0.09	<20	1.73	0.02	0.08	<2
L40OW 050N	Soil			0.063	8	8	0.44	64	0.10	<20	1.34	0.01	0.09	<2
L40OW 025N	Soil			0.061	9	9	0.52	61	0.11	<20	2.53	0.01	0.08	<2
L40OW 000N	Soil			0.081	8	9	0.49	66	0.09	<20	2.06	0.01	0.07	<2
L50OW 500N	Soil			0.051	29	11	0.66	57	0.10	<20	2.25	0.01	0.14	<2
L50OW 475N	Soil			0.056	28	12	0.61	58	0.09	<20	2.17	0.01	0.13	<2
L50OW 450N	Soil			0.067	9	12	0.35	68	0.11	<20	1.85	<0.01	0.10	<2
L50OW 425N	Soil			0.056	11	10	0.39	56	0.09	<20	2.52	<0.01	0.10	<2
L50OW 400N	Soil			0.044	10	8	0.42	58	0.10	<20	1.70	<0.01	0.14	<2
L50OW 375N	Soil			0.050	12	9	0.46	53	0.10	<20	2.26	<0.01	0.13	<2
L50OW 350N	Soil			0.052	12	11	0.45	73	0.09	<20	1.94	<0.01	0.11	<2
L50OW 325N	Soil			0.051	12	11	0.45	61	0.11	<20	1.97	<0.01	0.11	<2
L50OW 300N	Soil			0.056	11	11	0.44	59	0.11	<20	2.08	0.01	0.10	<2
L50OW 275N	Soil			0.046	10	12	0.38	54	0.11	<20	1.86	<0.01	0.08	<2
L50OW 250N	Soil			0.071	11	10	0.48	55	0.12	<20	3.37	<0.01	0.09	<2
L50OW 225N	Soil			0.060	11	10	0.61	75	0.08	<20	2.10	<0.01	0.10	<2
L50OW 200N	Soil			0.051	12	12	0.88	58	0.11	<20	2.79	<0.01	0.10	<2
L50OW 175N	Soil			0.065	10	11	1.00	78	0.13	<20	2.72	0.01	0.10	<2
L50OW 150N	Soil			0.075	15	12	1.24	43	0.15	<20	3.35	0.01	0.12	<2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: **LEADVILLE CREEK**
Report Date: **September 03, 2008**

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Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L50OW 125N	Soil			7	<1	130	10	84	<0.3	29	42	1693	5.21	5	<8	<2	3	8	<0.5	<3	5	233	0.20
L50OW 100N	Soil			5	<1	121	18	87	<0.3	26	33	1523	4.98	3	<8	<2	4	9	<0.5	5	<3	198	0.20
L50OW 075N	Soil			4	<1	127	17	82	<0.3	27	30	913	4.92	2	<8	<2	5	8	<0.5	6	7	152	0.13
L50OW 050N	Soil			<2	<1	69	21	98	<0.3	23	30	1924	4.43	8	<8	<2	4	10	0.6	5	4	131	0.20
L50OW 025N	Soil			<2	<1	45	24	116	<0.3	21	22	2042	3.83	9	<8	<2	4	16	<0.5	5	7	103	0.28
L50OW 000N	Soil			<2	<1	39	12	78	<0.3	18	16	596	3.88	5	<8	<2	4	8	<0.5	4	4	103	0.15
L60OW 500N	Soil			<2	<1	40	29	111	<0.3	16	11	410	3.94	13	10	<2	<2	18	0.6	5	7	73	0.24
L60OW 475N	Soil			<2	2	41	49	48	<0.3	19	15	453	2.85	9	<8	<2	<2	13	1.1	<3	<3	54	0.16
L60OW 450N	Soil			<2	1	33	26	60	<0.3	12	6	173	3.70	41	<8	<2	6	7	<0.5	<3	6	54	0.09
L60OW 425N	Soil			<2	2	33	33	92	<0.3	16	9	248	3.58	34	<8	<2	6	5	<0.5	4	6	49	0.07
L60OW 400N	Soil			19	1	26	23	93	<0.3	14	12	674	3.48	12	9	<2	4	8	<0.5	<3	4	54	0.11
L60OW 375N	Soil			<2	2	27	20	74	<0.3	13	8	502	3.61	12	<8	<2	3	11	<0.5	<3	<3	67	0.26
L60OW 350N	Soil			4	2	42	25	35	<0.3	14	7	146	4.51	18	10	<2	3	15	<0.5	<3	<3	93	0.23
L60OW 325N	Soil			4	1	17	19	101	<0.3	10	12	601	3.00	10	<8	<2	3	8	<0.5	3	<3	51	0.08
L60OW 300N	Soil			16	2	28	16	85	<0.3	11	8	382	3.26	5	<8	<2	4	5	<0.5	<3	<3	56	0.07
L60OW 275N	Soil			7	2	34	18	55	<0.3	13	10	483	4.02	7	<8	<2	4	5	<0.5	<3	3	91	0.08
L60OW 250N	Soil			<2	1	108	20	67	<0.3	19	16	796	4.91	7	<8	<2	2	8	<0.5	5	<3	126	0.11
L60OW 225N	Soil			<2	1	99	20	63	<0.3	18	18	925	4.65	8	<8	<2	2	6	<0.5	3	<3	119	0.11
L60OW 200N	Soil			<2	<1	67	18	63	<0.3	17	37	1428	3.33	4	<8	<2	<2	11	<0.5	4	4	95	0.13
L60OW 175N	Soil			<2	<1	100	9	81	<0.3	27	33	1496	4.57	3	<8	<2	3	6	<0.5	<3	<3	148	0.10
L60OW 150N	Soil			6	<1	86	20	82	<0.3	27	38	1245	4.69	5	<8	<2	<2	6	<0.5	<3	8	157	0.11
L60OW 125N	Soil			I.S.	<1	78	23	94	<0.3	28	42	2461	4.29	<2	<8	<2	3	10	<0.5	<3	5	135	0.16
L60OW 100N	Soil			6	<1	66	20	97	<0.3	26	32	3470	4.22	<2	<8	<2	3	9	<0.5	<3	6	137	0.20
L60OW 075N	Soil			14	<1	49	13	63	<0.3	17	17	503	3.52	<2	<8	<2	4	4	<0.5	<3	6	103	0.10
L60OW 050N	Soil			12	<1	80	12	57	<0.3	20	17	336	4.05	3	<8	<2	5	5	<0.5	<3	5	151	0.12
L60OW 025N	Soil			28	<1	59	18	70	<0.3	18	19	890	4.02	<2	<8	<2	4	6	<0.5	3	<3	148	0.19
L60OW 000N	Soil			14	<1	62	7	76	<0.3	19	18	572	3.84	6	<8	<2	3	4	<0.5	4	7	138	0.10
L70OW 500N	Soil			5	<1	35	33	101	<0.3	13	13	975	3.03	4	<8	<2	4	8	<0.5	<3	12	55	0.10
L70OW 475N	Soil			3	1	42	36	101	<0.3	17	102	2597	2.97	5	<8	<2	2	11	<0.5	<3	<3	55	0.11
L70OW 450N	Soil			<2	<1	37	54	110	<0.3	16	23	1790	3.16	4	<8	<2	3	5	<0.5	<3	8	57	0.09

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
				0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
L50OW 125N	Soil			0.083	12	11	1.14	63	0.11	<20	2.76	0.01	0.10	<Δ
L50OW 100N	Soil			0.090	10	15	1.06	91	0.11	<20	2.75	0.01	0.11	<Δ
L50OW 075N	Soil			0.072	11	20	1.20	96	0.11	<20	3.19	<0.01	0.10	<Δ
L50OW 050N	Soil			0.115	9	19	0.87	199	0.12	<20	2.96	0.01	0.09	<Δ
L50OW 025N	Soil			0.113	9	15	0.72	209	0.12	<20	2.78	0.01	0.10	<Δ
L50OW 000N	Soil			0.045	8	13	0.52	110	0.11	<20	2.38	<0.01	0.08	<Δ
L60OW 500N	Soil			0.041	13	11	0.49	83	0.11	<20	1.84	<0.01	0.13	<Δ
L60OW 475N	Soil			0.068	15	14	0.19	87	0.05	<20	0.94	<0.01	0.08	<Δ
L60OW 450N	Soil			0.032	13	10	0.36	36	0.09	<20	1.63	<0.01	0.13	<Δ
L60OW 425N	Soil			0.042	14	12	0.43	56	0.08	<20	2.15	<0.01	0.14	<Δ
L60OW 400N	Soil			0.043	12	11	0.38	73	0.10	<20	2.29	<0.01	0.12	<Δ
L60OW 375N	Soil			0.052	11	11	0.40	74	0.10	<20	1.72	<0.01	0.13	<Δ
L60OW 350N	Soil			0.029	13	10	0.27	40	0.11	<20	1.72	<0.01	0.11	<Δ
L60OW 325N	Soil			0.031	8	10	0.29	61	0.09	<20	1.64	<0.01	0.09	<Δ
L60OW 300N	Soil			0.044	8	10	0.33	62	0.10	<20	2.40	<0.01	0.09	<Δ
L60OW 275N	Soil			0.039	8	11	0.79	45	0.07	<20	1.83	<0.01	0.07	<Δ
L60OW 250N	Soil			0.058	6	15	1.01	48	0.14	<20	2.42	<0.01	0.06	<Δ
L60OW 225N	Soil			0.056	6	15	0.93	47	0.13	<20	2.26	<0.01	0.06	<Δ
L60OW 200N	Soil			0.057	11	13	0.78	106	0.08	<20	2.08	<0.01	0.07	<Δ
L60OW 175N	Soil			0.085	7	23	1.79	51	0.09	<20	2.94	<0.01	0.07	<Δ
L60OW 150N	Soil			0.096	7	31	1.80	46	0.09	<20	3.08	<0.01	0.08	<Δ
L60OW 125N	Soil			0.110	7	33	1.55	172	0.08	<20	2.57	<0.01	0.07	<Δ
L60OW 100N	Soil			0.065	8	21	1.11	225	0.10	<20	2.92	<0.01	0.07	<Δ
L60OW 075N	Soil			0.032	8	13	0.74	74	0.08	<20	1.94	<0.01	0.07	<Δ
L60OW 050N	Soil			0.058	7	14	0.87	48	0.09	<20	2.21	<0.01	0.07	<Δ
L60OW 025N	Soil			0.068	7	13	0.67	106	0.08	<20	1.87	<0.01	0.07	<Δ
L60OW 000N	Soil			0.055	7	13	0.72	84	0.10	<20	2.38	<0.01	0.06	<Δ
L70OW 500N	Soil			0.056	16	10	0.38	65	0.09	<20	1.81	<0.01	0.11	<Δ
L70OW 475N	Soil			0.058	44	10	0.37	68	0.06	<20	1.87	<0.01	0.11	<Δ
L70OW 450N	Soil			0.068	21	10	0.43	63	0.06	<20	1.74	<0.01	0.15	<Δ

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Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
L70OW 425N	Soil			<2	1	35	44	103	<0.3	17	11	592	3.30	3	<8	<2	6	5	<0.5	4	6	54	0.05
L70OW 400N	Soil			I.S.	<1	25	29	101	<0.3	14	11	1340	2.98	<2	<8	<2	4	7	<0.5	3	<3	48	0.07
L70OW 375N	Soil			<2	<1	36	26	100	<0.3	15	11	434	3.23	9	<8	<2	6	5	<0.5	<3	6	55	0.06
L70OW 350N	Soil			4	<1	33	25	73	<0.3	16	12	253	2.81	10	<8	<2	7	4	<0.5	5	8	45	0.06
L70OW 325N	Soil			<2	<1	36	29	91	<0.3	17	28	1930	3.44	5	<8	<2	3	7	<0.5	<3	8	52	0.09
L70OW 300N	Soil			<2	1	32	28	101	<0.3	17	20	781	3.51	<2	<8	<2	3	7	<0.5	3	9	57	0.07
L70OW 275N	Soil			I.S.	<1	43	17	80	<0.3	13	11	401	3.58	<2	<8	<2	5	4	<0.5	<3	3	77	0.08
L70OW 250N	Soil			I.S.	<1	28	25	62	<0.3	11	9	660	2.93	10	<8	<2	4	5	<0.5	<3	7	63	0.10
L70OW 225N	Soil			I.S.	<1	27	23	72	<0.3	12	11	1064	2.78	6	<8	<2	4	5	<0.5	<3	<3	58	0.08
L70OW 200N	Soil			I.S.	<1	25	22	65	<0.3	12	18	701	3.04	5	<8	<2	4	6	<0.5	<3	7	63	0.11
L70OW 175N	Soil			I.S.	<1	78	26	81	<0.3	22	76	1908	3.25	2	<8	<2	3	10	<0.5	<3	7	60	0.19
L70OW 150N	Soil			I.S.	<1	41	18	82	<0.3	18	17	1174	3.49	6	<8	<2	4	6	<0.5	<3	<3	69	0.10
L70OW 125N	Soil			I.S.	<1	40	20	89	<0.3	20	20	1394	3.93	4	<8	<2	4	7	<0.5	3	6	78	0.11
L70OW 100N	Soil			I.S.	<1	55	41	95	<0.3	21	45	3895	3.25	<2	<8	<2	2	15	<0.5	<3	7	53	0.34
L70OW 075N	Soil			I.S.	<1	51	27	65	<0.3	18	55	1616	3.72	4	<8	<2	2	6	<0.5	<3	<3	70	0.09
L70OW 050N	Soil			I.S.	<1	49	43	88	<0.3	17	23	2892	3.79	5	<8	<2	2	5	<0.5	<3	13	79	0.05
L70OW 025N	Soil			6	<1	48	42	129	<0.3	18	22	2688	3.57	<2	<8	<2	3	18	<0.5	<3	<3	63	0.32
L70OW 000N	Soil			4	1	48	29	117	<0.3	18	20	1351	4.22	<2	<8	<2	5	9	<0.5	<3	<3	107	0.16
L80OW 500N	Soil			I.S.	<1	33	25	74	<0.3	12	7	398	3.43	4	<8	<2	6	4	<0.5	<3	<3	81	0.05
L80OW 475N	Soil			<2	<1	31	36	100	<0.3	13	12	597	3.00	7	<8	<2	5	4	<0.5	<3	6	47	0.05
L80OW 450N	Soil			14	1	19	20	50	<0.3	9	5	300	3.65	9	<8	<2	4	4	<0.5	<3	<3	77	0.04
L80OW 425N	Soil			I.S.	2	25	36	72	<0.3	13	6	503	3.39	22	<8	<2	6	4	<0.5	<3	<3	39	0.03
L80OW 400N	Soil			<2	<1	29	23	95	<0.3	17	12	1115	2.92	4	<8	<2	4	5	<0.5	<3	<3	43	0.06
L80OW 375N	Soil			<2	1	44	39	122	<0.3	26	34	2309	3.38	<2	<8	<2	<2	4	<0.5	<3	7	43	0.04
L80OW 350N	Soil			I.S.	<1	26	32	139	<0.3	21	19	1861	3.33	19	<8	<2	4	22	<0.5	<3	4	43	0.25
L80OW 325N	Soil			<2	<1	21	35	167	<0.3	16	13	1224	3.33	16	<8	<2	5	7	<0.5	<3	5	43	0.05
L80OW 300N	Soil			<2	<1	38	40	122	<0.3	19	13	862	3.44	19	<8	<2	6	8	<0.5	<3	8	44	0.08
L80OW 275N	Soil			5	1	23	37	203	<0.3	19	13	1575	3.34	6	<8	<2	4	11	<0.5	<3	<3	48	0.09
L80OW 250N	Soil			5	<1	17	19	70	<0.3	10	5	257	2.64	12	<8	<2	4	5	<0.5	<3	3	42	0.05
L80OW 225N	Soil			8	1	35	27	84	<0.3	15	9	288	3.56	23	<8	<2	6	5	<0.5	<3	8	61	0.10

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Project:

LEADVILLE CREEK

Report Date:

September 03, 2008

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L70OW 425N	Soil			0.053	18	12	0.46	48	0.07	<20	1.83	<0.01	0.14	△
L70OW 400N	Soil			0.083	15	12	0.33	109	0.08	<20	1.93	<0.01	0.10	△
L70OW 375N	Soil			0.044	15	12	0.47	67	0.09	<20	2.12	<0.01	0.12	△
L70OW 350N	Soil			0.044	15	10	0.41	51	0.06	<20	1.97	<0.01	0.10	△
L70OW 325N	Soil			0.078	31	12	0.52	82	0.05	<20	1.66	<0.01	0.12	△
L70OW 300N	Soil			0.083	17	12	0.50	78	0.07	<20	1.97	<0.01	0.11	△
L70OW 275N	Soil			0.054	11	10	0.51	53	0.07	<20	1.68	<0.01	0.11	△
L70OW 250N	Soil			0.047	10	9	0.38	61	0.05	<20	1.24	<0.01	0.09	△
L70OW 225N	Soil			0.040	10	9	0.38	80	0.06	<20	1.61	<0.01	0.09	△
L70OW 200N	Soil			0.035	21	10	0.40	52	0.05	<20	1.55	<0.01	0.09	△
L70OW 175N	Soil			0.077	48	16	0.53	69	0.05	<20	2.38	<0.01	0.10	△
L70OW 150N	Soil			0.056	13	15	0.56	79	0.07	<20	1.99	<0.01	0.10	△
L70OW 125N	Soil			0.071	14	20	0.61	83	0.08	<20	2.28	<0.01	0.10	△
L70OW 100N	Soil			0.144	30	13	0.43	111	0.03	<20	2.03	<0.01	0.11	△
L70OW 075N	Soil			0.078	28	16	0.57	48	0.06	<20	2.20	<0.01	0.09	△
L70OW 050N	Soil			0.105	26	14	0.49	75	0.05	<20	1.96	<0.01	0.09	△
L70OW 025N	Soil			0.209	35	14	0.52	158	0.06	<20	1.92	<0.01	0.12	△
L70OW 000N	Soil			0.129	15	14	0.62	142	0.09	<20	1.89	<0.01	0.11	△
L80OW 500N	Soil			0.036	13	10	0.36	40	0.06	<20	1.66	<0.01	0.11	△
L80OW 475N	Soil			0.044	14	12	0.34	59	0.06	<20	2.15	<0.01	0.11	△
L80OW 450N	Soil			0.041	10	11	0.23	31	0.11	<20	1.22	<0.01	0.07	△
L80OW 425N	Soil			0.049	14	9	0.25	59	0.05	<20	1.95	<0.01	0.08	△
L80OW 400N	Soil			0.064	20	11	0.37	74	0.08	<20	2.10	<0.01	0.13	△
L80OW 375N	Soil			0.098	50	12	0.38	54	0.06	<20	2.37	<0.01	0.15	△
L80OW 350N	Soil			0.064	28	12	0.37	143	0.07	<20	2.05	<0.01	0.17	△
L80OW 325N	Soil			0.061	24	14	0.31	152	0.08	<20	2.03	<0.01	0.15	△
L80OW 300N	Soil			0.100	27	13	0.42	86	0.09	<20	2.37	<0.01	0.16	△
L80OW 275N	Soil			0.186	18	13	0.28	179	0.16	<20	3.95	0.01	0.11	△
L80OW 250N	Soil			0.039	19	11	0.30	76	0.05	<20	1.41	<0.01	0.10	△
L80OW 225N	Soil			0.045	15	12	0.42	54	0.08	<20	2.29	0.01	0.11	△

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Project: LEADVILLE CREEK
 Report Date: September 03, 2008

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Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L80OW 200N	Soil			20	2	46	130	115	<0.3	22	20	482	4.22	17	<8	<2	8	6	<0.5	<3	<3	64	0.07
L80OW 175N	Soil			55	2	54	242	98	0.4	21	122	1354	3.93	16	<8	<2	4	11	<0.5	<3	4	60	0.12
L80OW 150N	Soil			16	2	47	228	123	<0.3	23	51	556	4.13	12	<8	<2	8	8	<0.5	<3	4	56	0.08
L80OW 125N	Soil			18	1	39	198	111	<0.3	20	40	552	4.11	9	<8	<2	6	8	<0.5	<3	<3	56	0.09
L80OW 100N	Soil			7	2	38	72	83	<0.3	22	34	498	4.29	10	<8	<2	11	7	<0.5	<3	10	64	0.07
L80OW 075N	Soil			3	2	36	68	89	<0.3	25	75	1817	4.49	8	<8	<2	5	11	<0.5	<3	7	68	0.10
L80OW 050N	Soil			<2	2	21	51	82	<0.3	22	44	2437	3.78	11	<8	<2	6	16	<0.5	<3	4	83	0.30
L80OW 025N	Soil			16	<1	33	27	70	<0.3	28	36	1027	4.53	8	<8	<2	6	11	<0.5	<3	<3	97	0.23
L80OW 000N	Soil			8	<1	33	52	78	<0.3	26	62	1787	3.91	10	<8	<2	<2	17	<0.5	<3	<3	73	0.42
L90OW 500N	Soil			28	<1	47	23	78	<0.3	13	7	300	4.08	18	<8	<2	3	5	<0.5	<3	<3	94	0.10
L90OW 475N	Soil			8	<1	27	32	78	<0.3	12	6	316	3.48	12	<8	<2	3	5	<0.5	<3	<3	78	0.08
L90OW 450N	Soil			17	1	44	22	90	<0.3	15	11	319	3.58	11	<8	<2	4	5	<0.5	<3	5	72	0.08
L90OW 425N	Soil			31	<1	34	18	81	<0.3	13	7	283	3.98	14	<8	<2	4	5	<0.5	<3	3	87	0.10
L90OW 400N	Soil			6	<1	20	26	67	<0.3	10	5	259	3.99	9	<8	<2	3	5	<0.5	<3	<3	101	0.08
L90OW 375N	Soil			7	1	31	22	85	<0.3	13	9	672	3.05	12	<8	<2	4	5	<0.5	<3	<3	53	0.08
L90OW 350N	Soil			6	<1	35	23	92	<0.3	19	11	240	3.39	15	<8	<2	7	5	<0.5	<3	<3	61	0.08
L90OW 325N	Soil			16	1	29	30	89	<0.3	16	8	333	3.89	19	<8	<2	7	4	<0.5	<3	<3	68	0.08
L90OW 300N	Soil			10	1	28	28	98	<0.3	16	10	1736	3.36	17	<8	<2	4	6	<0.5	<3	<3	57	0.07
L90OW 275N	Soil			27	<1	44	26	84	<0.3	16	12	1127	3.56	11	<8	<2	4	5	<0.5	<3	<3	75	0.11
L90OW 250N	Soil			19	<1	48	28	85	<0.3	16	10	742	3.34	13	<8	<2	3	6	<0.5	<3	4	73	0.12
L90OW 225N	Soil			16	1	34	35	93	<0.3	16	10	523	3.45	13	<8	<2	6	5	<0.5	<3	5	63	0.08
L90OW 200N	Soil			44	<1	40	19	80	<0.3	14	14	896	3.08	13	<8	<2	4	4	<0.5	<3	4	59	0.10
L90OW 175N	Soil			3	1	35	41	112	<0.3	21	19	930	3.60	15	<8	<2	3	7	<0.5	<3	<3	53	0.07
L90OW 150N	Soil			2	1	22	41	135	<0.3	19	14	2179	3.97	12	<8	<2	6	9	<0.5	<3	<3	58	0.07
L90OW 125N	Soil			9	1	22	45	139	<0.3	18	10	1005	3.83	9	<8	<2	9	7	<0.5	<3	8	51	0.07
L90OW 100N	Soil			8	<1	28	59	160	<0.3	17	21	1022	3.53	18	<8	<2	7	8	<0.5	<3	<3	48	0.07
L90OW 075N	Soil			25	2	26	58	118	<0.3	16	25	2297	3.21	12	<8	<2	6	10	<0.5	<3	6	48	0.09
L90OW 050N	Soil			10	<1	39	49	120	1.2	21	38	899	3.50	12	<8	4	7	8	<0.5	<3	<3	51	0.08
L90OW 025N	Soil			9	1	29	31	90	<0.3	19	19	2685	3.73	11	<8	<2	6	24	<0.5	<3	6	41	0.24
L90OW 000N	Soil			3	2	21	28	55	<0.3	16	17	903	4.38	15	<8	<2	4	12	<0.5	<3	<3	41	0.07

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Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L80OW 200N	Soil		0.001	0.061	18	16	0.52	83	0.09	<20	2.93	<0.01	0.15	△
L80OW 175N	Soil		0.001	0.061	56	17	0.56	73	0.05	<20	2.42	<0.01	0.14	△
L80OW 150N	Soil		0.001	0.056	32	15	0.57	77	0.08	<20	2.77	<0.01	0.14	△
L80OW 125N	Soil		0.001	0.074	23	15	0.56	88	0.08	<20	2.67	<0.01	0.12	△
L80OW 100N	Soil		0.001	0.089	17	17	0.68	80	0.08	<20	3.26	<0.01	0.12	△
L80OW 075N	Soil		0.001	0.108	20	19	0.67	128	0.08	<20	2.86	<0.01	0.11	△
L80OW 050N	Soil		0.001	0.060	15	18	0.48	214	0.12	<20	2.89	0.01	0.12	△
L80OW 025N	Soil		0.001	0.050	22	38	1.11	80	0.05	<20	2.95	<0.01	0.10	△
L80OW 000N	Soil		0.001	0.085	42	25	0.79	78	0.05	<20	2.68	<0.01	0.11	△
L90OW 500N	Soil		0.001	0.051	11	12	0.41	51	0.12	<20	2.18	0.01	0.11	△
L90OW 475N	Soil		0.001	0.052	11	12	0.34	49	0.11	<20	1.68	0.01	0.09	△
L90OW 450N	Soil		0.001	0.042	13	14	0.42	51	0.13	<20	2.52	0.01	0.11	△
L90OW 425N	Soil		0.001	0.043	11	14	0.47	47	0.12	<20	1.81	0.01	0.10	△
L90OW 400N	Soil		0.001	0.046	10	12	0.30	46	0.13	<20	1.52	<0.01	0.09	△
L90OW 375N	Soil		0.001	0.037	14	13	0.39	71	0.08	<20	2.20	<0.01	0.11	△
L90OW 350N	Soil		0.001	0.038	15	14	0.47	62	0.08	<20	2.65	<0.01	0.14	△
L90OW 325N	Soil		0.001	0.045	20	14	0.48	47	0.08	<20	1.89	<0.01	0.14	△
L90OW 300N	Soil		0.001	0.127	16	14	0.35	79	0.09	<20	1.93	<0.01	0.12	△
L90OW 275N	Soil		0.001	0.064	15	12	0.43	74	0.10	<20	2.23	0.01	0.11	△
L90OW 250N	Soil		0.001	0.056	15	12	0.45	51	0.08	<20	1.96	<0.01	0.12	△
L90OW 225N	Soil		0.001	0.053	14	15	0.34	74	0.12	<20	3.05	<0.01	0.10	△
L90OW 200N	Soil		0.001	0.058	19	10	0.40	44	0.07	<20	1.64	<0.01	0.11	△
L90OW 175N	Soil		0.001	0.087	23	14	0.42	64	0.10	<20	2.70	<0.01	0.14	△
L90OW 150N	Soil		0.001	0.058	19	16	0.31	129	0.10	<20	2.13	<0.01	0.10	△
L80OW 125N	Soil		0.001	0.086	21	15	0.37	135	0.08	<20	1.88	<0.01	0.12	△
L80OW 100N	Soil		0.001	0.063	18	14	0.46	90	0.07	<20	2.17	<0.01	0.10	△
L80OW 075N	Soil		0.001	0.076	19	12	0.43	122	0.06	<20	1.95	<0.01	0.11	△
L90OW 050N	Soil		0.001	0.097	21	14	0.57	70	0.07	<20	2.95	<0.01	0.14	△
L90OW 025N	Soil		0.001	0.152	17	16	0.78	198	0.05	<20	1.91	<0.01	0.11	△
L90OW 000N	Soil		0.001	0.174	17	17	0.94	69	0.04	<20	1.86	<0.01	0.10	△

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Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
L100OW 500N	Soil			3	2	26	33	93	0.4	13	16	2385	2.82	9	<8	<2	2	16	1.0	<3	3	53	0.24
L100OW 475N	Soil			2	2	37	32	102	<0.3	16	33	3037	3.09	10	<8	<2	3	18	0.8	<3	<3	56	0.22
L100OW 450N	Soil			12	2	22	24	62	<0.3	10	6	302	2.99	11	<8	<2	3	8	<0.5	<3	<3	61	0.12
L100OW 425N	Soil			80	1	27	19	88	<0.3	10	7	340	3.17	18	<8	<2	4	8	<0.5	<3	<3	64	0.13
L100OW 400N	Soil			<2	<1	53	26	87	0.6	18	42	2962	2.69	12	<8	<2	<2	19	1.1	<3	<3	47	0.21
L100OW 375N	Soil			9	<1	17	17	52	<0.3	7	4	723	2.55	3	<8	<2	<2	5	<0.5	<3	4	67	0.09
L100OW 350N	Soil			7	1	25	15	53	<0.3	9	4	201	3.16	11	<8	<2	4	4	<0.5	<3	<3	53	0.07
L100OW 325N	Soil			46	1	39	4	82	<0.3	14	10	267	3.13	12	<8	<2	5	3	<0.5	<3	<3	54	0.05
L100OW 300N	Soil			9	1	22	16	59	<0.3	11	6	299	3.72	16	<8	<2	4	3	<0.5	<3	<3	78	0.05
L100OW 275N	Soil			10	1	25	16	63	<0.3	10	8	433	3.04	5	<8	2	5	4	<0.5	<3	4	55	0.07
L100OW 250N	Soil			20	2	25	17	63	<0.3	11	7	508	3.17	8	<8	<2	5	4	<0.5	<3	<3	66	0.07
L100OW 225N	Soil			9	2	25	18	60	0.3	10	7	2359	2.79	5	<8	<2	4	4	<0.5	<3	<3	57	0.06
L100OW 200N	Soil			26	1	16	14	47	<0.3	8	5	2328	2.55	8	<8	<2	3	3	<0.5	<3	4	51	0.04
L100OW 175N	Soil			7	<1	21	20	55	<0.3	9	6	380	2.56	9	<8	<2	<2	3	<0.5	<3	<3	52	0.05
L100OW 150N	Soil			5	1	23	13	50	<0.3	9	6	279	2.92	11	<8	<2	6	3	<0.5	<3	5	57	0.06
L100OW 125N	Soil			7	2	22	20	93	<0.3	13	15	1013	3.04	13	<8	<2	4	4	<0.5	<3	<3	48	0.05
L100OW 100N	Soil			<2	2	20	23	76	<0.3	12	7	870	2.89	15	<8	<2	5	4	<0.5	<3	<3	44	0.04
L100OW 075N	Soil			<2	1	18	20	80	<0.3	10	8	1365	2.80	12	<8	<2	4	4	<0.5	<3	<3	41	0.05
L100OW 050N	Soil			<2	1	25	27	78	<0.3	13	13	1103	2.72	2	<8	<2	4	9	<0.5	<3	<3	46	0.07
L100OW 025N	Soil			<2	3	25	8	66	<0.3	18	14	835	3.34	8	<8	<2	6	5	<0.5	<3	<3	48	0.04
L100OW 000N	Soil			<2	1	19	17	39	<0.3	14	9	382	3.27	9	9	<2	2	4	<0.5	<3	<3	40	0.02
L110OW 500N	Soil			5	3	23	25	85	<0.3	11	10	361	3.12	12	<8	<2	4	9	<0.5	<3	<3	43	0.12
L110OW 475N	Soil			5	2	26	29	84	<0.3	11	7	305	3.08	12	<8	<2	3	5	<0.5	<3	<3	53	0.06
L110OW 450N	Soil			7	2	32	24	72	<0.3	11	6	249	3.32	10	<8	<2	3	4	<0.5	<3	<3	61	0.06
L110OW 425N	Soil			8	1	24	24	71	<0.3	10	6	249	3.57	12	<8	<2	4	3	<0.5	<3	<3	66	0.03
L110OW 400N	Soil			16	<1	31	24	50	<0.3	10	5	187	3.14	10	<8	<2	2	4	<0.5	<3	<3	61	0.07
L110OW 375N	Soil			<2	2	20	21	67	<0.3	10	9	1090	2.74	10	<8	<2	<2	14	<0.5	<3	<3	58	0.24
L110OW 350N	Soil			5	1	22	21	67	<0.3	10	5	282	3.44	11	<8	<2	<2	4	<0.5	<3	<3	67	0.06
L110OW 325N	Soil			14	2	16	13	64	<0.3	9	4	278	3.24	5	9	2	3	4	<0.5	<3	<3	58	0.03
L110OW 300N	Soil			7	1	14	19	44	<0.3	7	4	238	3.08	8	<8	<2	3	3	<0.5	<3	<3	51	0.04

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Project:

LEADVILLE CREEK

Report Date:

September 03, 2008

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Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
L100OW 500N	Soil	0.050	22	11	0.32	86	0.08	<20	1.32	<0.01	0.11	△
L100OW 475N	Soil	0.051	29	11	0.36	85	0.08	<20	1.53	0.01	0.11	△
L100OW 450N	Soil	0.051	10	10	0.29	44	0.08	<20	1.08	<0.01	0.10	△
L100OW 425N	Soil	0.051	9	11	0.35	58	0.09	<20	1.21	<0.01	0.11	△
L100OW 400N	Soil	0.078	45	10	0.35	78	0.05	<20	1.86	0.01	0.09	△
L100OW 375N	Soil	0.038	9	7	0.18	84	0.08	<20	0.98	<0.01	0.06	△
L100OW 350N	Soil	0.043	8	10	0.29	36	0.07	<20	1.22	<0.01	0.07	△
L100OW 325N	Soil	0.057	12	10	0.41	49	0.09	<20	2.92	<0.01	0.11	△
L100OW 300N	Soil	0.032	9	10	0.32	38	0.08	<20	1.47	<0.01	0.08	△
L100OW 275N	Soil	0.038	12	12	0.29	46	0.07	<20	1.63	<0.01	0.08	△
L100OW 250N	Soil	0.033	11	10	0.34	43	0.08	<20	1.44	<0.01	0.09	△
L100OW 225N	Soil	0.035	11	11	0.28	94	0.06	<20	1.23	<0.01	0.07	△
L100OW 200N	Soil	0.033	11	7	0.18	77	0.05	<20	0.90	<0.01	0.06	△
L100OW 175N	Soil	0.047	7	9	0.24	56	0.09	<20	1.95	<0.01	0.05	△
L100OW 150N	Soil	0.031	9	9	0.31	40	0.06	<20	1.31	<0.01	0.07	△
L100OW 125N	Soil	0.043	13	11	0.34	61	0.09	<20	1.61	<0.01	0.09	△
L100OW 100N	Soil	0.036	12	12	0.30	65	0.08	<20	1.99	<0.01	0.08	△
L100OW 075N	Soil	0.039	12	11	0.23	74	0.06	<20	1.68	<0.01	0.07	△
L100OW 050N	Soil	0.126	16	11	0.30	88	0.12	<20	3.06	<0.01	0.07	△
L100OW 025N	Soil	0.115	11	12	0.51	57	0.08	<20	2.77	<0.01	0.06	△
L100OW 000N	Soil	0.064	13	13	0.72	33	0.04	<20	1.59	<0.01	0.05	△
L110OW 500N	Soil	0.038	17	13	0.41	70	0.08	<20	1.71	<0.01	0.11	△
L110OW 475N	Soil	0.058	9	11	0.35	54	0.10	<20	1.58	<0.01	0.09	△
L110OW 450N	Soil	0.042	9	12	0.38	33	0.08	<20	1.59	<0.01	0.09	△
L110OW 425N	Soil	0.038	9	11	0.35	36	0.10	<20	1.47	<0.01	0.07	△
L110OW 400N	Soil	0.033	10	7	0.34	39	0.07	<20	1.06	<0.01	0.07	△
L110OW 375N	Soil	0.035	26	9	0.23	112	0.09	<20	1.11	<0.01	0.08	△
L110OW 350N	Soil	0.044	9	10	0.30	42	0.09	<20	1.50	<0.01	0.07	△
L110OW 325N	Soil	0.033	9	10	0.26	55	0.10	<20	1.74	<0.01	0.07	△
L110OW 300N	Soil	0.027	10	10	0.27	43	0.07	<20	1.20	<0.01	0.07	△

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Project:

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Report Date:

September 03, 2008

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D		
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
L110OW 275N	Soil			40	1	22	22	59	<0.3	10	6	739	2.93	10	<8	<2	5	3	<0.5	<3	<3	50	0.03
L110OW 250N	Soil			<2	1	18	26	63	<0.3	8	4	481	3.23	9	<8	<2	3	4	<0.5	<3	<3	72	0.05
L110OW 225N	Soil			2	1	20	22	78	<0.3	11	6	694	3.00	10	<8	<2	3	4	<0.5	<3	<3	56	0.05
L110OW 200N	Soil			6	1	25	22	67	<0.3	11	6	171	3.43	10	<8	<2	4	3	<0.5	<3	<3	58	0.04
L110OW 175N	Soil			<2	1	22	22	76	<0.3	11	8	278	2.90	5	<8	<2	4	3	<0.5	<3	<3	50	0.04
L110OW 150N	Soil			9	<1	24	22	76	<0.3	12	8	479	3.02	5	<8	3	4	4	<0.5	<3	<3	49	0.06
L110OW 125N	Soil			11	<1	27	27	88	<0.3	15	10	344	2.86	6	<8	<2	4	7	<0.5	<3	<3	44	0.11
L110OW 100N	Soil			21	1	19	26	55	<0.3	9	5	346	3.03	8	9	<2	4	5	<0.5	<3	<3	52	0.05
L110OW 075N	Soil			8	1	19	17	67	<0.3	10	5	233	3.52	5	<8	<2	4	3	<0.5	<3	<3	60	0.04
L110OW 050N	Soil			8	<1	25	19	78	<0.3	10	8	1854	2.90	5	<8	<2	5	6	<0.5	4	<3	56	0.08
L110OW 025N	Soil			16	<1	25	26	79	<0.3	13	8	510	3.30	8	<8	<2	5	4	<0.5	7	<3	59	0.06
L110OW 000N	Soil			7	<1	23	27	68	<0.3	11	10	729	3.04	5	<8	<2	6	5	<0.5	3	<3	62	0.08
L120OW 500N	Soil			8	1	18	35	74	<0.3	9	5	272	2.70	8	<8	<2	4	5	<0.5	6	<3	37	0.03
L120OW 475N	Soil			<2	2	26	37	74	0.4	9	19	455	2.65	8	<8	<2	2	11	0.5	<3	<3	30	0.08
L120OW 450N	Soil			2	<1	52	32	66	0.4	11	28	1631	2.58	10	10	<2	<2	11	0.7	<3	<3	36	0.09
L120OW 425N	Soil			6	<1	17	40	80	<0.3	9	6	708	2.73	11	<8	<2	4	9	<0.5	<3	<3	32	0.14
L120OW 400N	Soil			21	1	18	26	74	<0.3	9	9	1105	2.62	6	<8	<2	3	5	<0.5	<3	<3	34	0.04
L120OW 375N	Soil			5	1	16	27	64	<0.3	8	5	332	2.81	28	<8	<2	6	4	<0.5	4	<3	27	0.04
L120OW 350N	Soil			<2	<1	15	21	29	<0.3	6	2	83	2.11	3	<8	<2	3	5	<0.5	<3	<3	30	0.06
L120OW 325N	Soil			6	2	29	27	83	0.4	12	15	308	3.39	17	<8	<2	5	10	0.8	<3	<3	41	0.11
L120OW 300N	Soil			2	1	22	32	46	<0.3	13	10	279	2.53	10	<8	<2	3	18	0.9	<3	<3	37	0.19
L120OW 275N	Soil			<2	<1	28	27	76	0.4	10	9	1187	2.76	11	<8	<2	3	13	<0.5	<3	<3	55	0.20
L120OW 250N	Soil			<2	<1	26	27	111	<0.3	12	8	573	3.32	4	<8	<2	4	5	<0.5	<3	<3	49	0.05
L120OW 225N	Soil			11	<1	34	25	96	0.3	13	9	372	3.10	16	<8	<2	5	8	<0.5	<3	<3	49	0.12
L120OW 200N	Soil			7	<1	25	22	92	0.6	12	8	544	2.52	8	<8	<2	3	11	<0.5	<3	4	37	0.18
L120OW 175N	Soil			<2	<1	29	22	143	<0.3	12	11	1203	3.05	5	<8	<2	4	6	<0.5	<3	<3	48	0.07
L120OW 150N	Soil			6	<1	20	11	68	0.5	9	8	1220	2.55	4	<8	<2	6	5	<0.5	<3	<3	35	0.03
L120OW 125N	Soil			5	1	30	28	61	<0.3	11	8	405	2.95	10	<8	<2	4	4	<0.5	<3	<3	40	0.05
L120OW 100N	Soil			46	<1	33	38	75	0.4	12	6	242	3.36	9	<8	<2	6	6	<0.5	<3	<3	37	0.09
L120OW 075N	Soil			9	2	49	30	74	<0.3	15	10	406	3.29	6	<8	<2	5	5	<0.5	<3	<3	48	0.06

Method	Analyte	Unit	MDL	1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L110OW 275N	Soil		0.001	0.035	11	10	0.29	53	0.07	<20	1.26	<0.01	0.08	<2
L110OW 250N	Soil		0.050	0.050	8	11	0.29	46	0.11	<20	1.24	<0.01	0.06	<2
L110OW 225N	Soil		0.044	0.044	8	11	0.31	53	0.11	<20	1.91	<0.01	0.08	<2
L110OW 200N	Soil		0.038	0.038	9	11	0.34	36	0.08	<20	1.72	<0.01	0.07	<2
L110OW 175N	Soil		0.035	0.035	9	11	0.29	55	0.07	<20	1.83	<0.01	0.07	<2
L110OW 150N	Soil		0.036	0.036	9	12	0.38	47	0.07	<20	1.40	<0.01	0.08	<2
L110OW 125N	Soil		0.048	0.048	10	10	0.36	77	0.07	<20	2.05	<0.01	0.08	<2
L110OW 100N	Soil		0.031	0.031	9	10	0.30	52	0.08	<20	1.40	<0.01	0.06	<2
L110OW 075N	Soil		0.034	0.034	9	12	0.30	41	0.09	<20	1.47	<0.01	0.07	<2
L110OW 050N	Soil		0.038	0.038	9	10	0.34	75	0.08	<20	1.58	<0.01	0.07	<2
L110OW 025N	Soil		0.042	0.042	10	12	0.47	53	0.08	<20	1.67	<0.01	0.08	<2
L110OW 000N	Soil		0.029	0.029	10	10	0.40	58	0.08	<20	1.53	<0.01	0.08	<2
L120OW 500N	Soil		0.046	0.046	12	12	0.34	80	0.08	<20	1.14	<0.01	0.09	<2
L120OW 475N	Soil		0.067	0.067	55	11	0.31	50	0.10	<20	2.28	<0.01	0.09	<2
L120OW 450N	Soil		0.041	0.041	45	8	0.27	62	0.08	<20	1.34	<0.01	0.09	<2
L120OW 425N	Soil		0.069	0.069	11	11	0.40	84	0.08	<20	1.18	<0.01	0.12	<2
L120OW 400N	Soil		0.043	0.043	16	12	0.39	59	0.07	<20	1.17	<0.01	0.10	<2
L120OW 375N	Soil		0.043	0.043	13	10	0.37	48	0.06	<20	1.09	<0.01	0.10	<2
L120OW 350N	Soil		0.022	0.022	18	7	0.16	38	0.08	<20	0.93	<0.01	0.06	<2
L120OW 325N	Soil		0.032	0.032	29	11	0.35	50	0.10	<20	2.08	<0.01	0.11	<2
L120OW 300N	Soil		0.033	0.033	53	11	0.19	49	0.08	<20	0.95	<0.01	0.08	<2
L120OW 275N	Soil		0.037	0.037	9	10	0.28	96	0.08	<20	1.01	<0.01	0.11	<2
L120OW 250N	Soil		0.053	0.053	11	15	0.47	62	0.11	<20	2.14	<0.01	0.10	<2
L120OW 225N	Soil		0.040	0.040	12	10	0.41	68	0.08	<20	1.73	<0.01	0.10	<2
L120OW 200N	Soil		0.042	0.042	11	10	0.32	74	0.07	<20	1.50	<0.01	0.09	<2
L120OW 175N	Soil		0.035	0.035	12	11	0.36	81	0.09	<20	1.66	<0.01	0.08	<2
L120OW 150N	Soil		0.028	0.028	14	9	0.20	70	0.05	<20	1.16	<0.01	0.10	<2
L120OW 125N	Soil		0.038	0.038	16	12	0.37	45	0.06	<20	1.46	<0.01	0.15	<2
L120OW 100N	Soil		0.038	0.038	19	10	0.42	34	0.06	<20	1.25	<0.01	0.14	<2
L120OW 075N	Soil		0.036	0.036	18	12	0.48	55	0.07	<20	1.88	<0.01	0.21	<2

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Project: LEADVILLE CREEK
Report Date: September 03, 2008

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Method	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01	
L120OW 050N	Soil	82	1	26	48	81	0.3	13	8	426	3.10	5	<8	<2	6	6	<0.5	<3	6	38	0.05
L120OW 025N	Soil	21	2	25	30	80	<0.3	12	7	415	2.84	11	<8	<2	8	4	<0.5	<3	<3	30	0.05
L120OW 000N	Soil	14	<1	31	24	72	0.5	14	9	363	2.64	12	<8	<2	7	4	<0.5	<3	<3	31	0.04

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Project:

LEADVILLE CREEK

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Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
L120OW 050N	Soil	0.031	16	10	0.32	62	0.05	<20	1.61	<0.01	0.10	↕
L120OW 025N	Soil	0.032	17	11	0.46	45	0.05	<20	1.56	<0.01	0.14	↕
L120OW 000N	Soil	0.031	16	10	0.41	52	0.05	<20	1.54	<0.01	0.15	↕

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Part 1

Method	Analyte	Unit	MDL	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
				Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
				2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.6	3	3	1	0.01
Pulp Duplicates																							
LOW 400N	Soil			111	<1	52	19	42	<0.3	11	14	1689	2.75	3	<8	<2	<2	5	<0.5	<3	<3	62	0.12
REP LOW 400N	QC				<1	51	20	42	<0.3	11	14	1769	2.70	3	<8	<2	<2	5	<0.5	<3	<3	60	0.12
LOW 025N	Soil			<2	<1	16	21	62	<0.3	10	6	240	3.32	6	<8	<2	4	6	<0.5	4	<3	82	0.07
REP LOW 025N	QC				<1	17	25	62	<0.3	10	6	242	3.28	4	<8	<2	3	6	<0.5	<3	<3	83	0.07
L100W 250N	Soil			6	<1	60	16	65	0.6	15	19	772	3.31	<2	<8	<2	<2	10	<0.5	4	8	75	0.17
REP L100W 250N	QC			4																			
L100W 150N	Soil			2	<1	60	20	35	0.4	13	9	229	2.65	2	<8	<2	2	9	<0.5	4	<3	81	0.22
REP L100W 150N	QC				<1	59	13	34	0.3	12	9	219	2.65	<2	<8	<2	2	9	<0.5	4	8	78	0.21
L200W 500N	Soil			<2	<1	28	23	99	0.3	13	10	577	2.90	7	<8	<2	4	6	0.5	<3	4	40	0.06
REP L200W 500N	QC			<2																			
L300W 225N	Soil			22	<1	32	13	53	<0.3	13	8	333	3.34	3	<8	<2	4	8	<0.5	<3	<3	101	0.22
REP L300W 225N	QC			30																			
L400W 475N	Soil			5	<1	46	20	75	<0.3	14	13	917	3.70	8	<8	<2	3	6	<0.5	<3	<3	77	0.11
REP L400W 475N	QC				1	47	27	74	<0.3	14	14	921	3.74	8	<8	<2	3	6	<0.5	<3	<3	77	0.11
L500W 200N	Soil			3	<1	181	14	89	<0.3	30	35	649	4.68	9	<8	<2	3	6	<0.5	<3	<3	209	0.10
REP L500W 200N	QC				<1	179	12	87	0.3	30	34	630	4.62	7	<8	<2	5	6	<0.5	<3	<3	208	0.10
L600W 300N	Soil			16	2	28	16	85	<0.3	11	8	382	3.26	5	<8	<2	4	5	<0.5	<3	<3	56	0.07
REP L600W 300N	QC			14																			
L700W 450N	Soil			<2	<1	37	54	110	<0.3	16	23	1790	3.16	4	<8	<2	3	5	<0.5	<3	8	57	0.05
REP L700W 450N	QC				<1	35	50	106	<0.3	15	21	1707	2.98	2	<8	<2	<2	5	<0.5	3	<3	54	0.05
L700W 175N	Soil			I.S.	<1	78	26	81	<0.3	22	76	1908	3.25	2	<8	<2	3	10	<0.5	<3	7	60	0.19
REP L700W 175N	QC			I.S.																			
L800W 025N	Soil			16	<1	33	27	70	<0.3	28	36	1027	4.53	8	<8	<2	6	11	<0.5	<3	<3	97	0.23
REP L800W 025N	QC				<1	32	29	69	<0.3	28	35	983	4.33	6	<8	<2	5	10	<0.5	<3	4	84	0.22
L900W 275N	Soil			27	<1	44	26	84	<0.3	16	12	1127	3.56	11	<8	<2	4	5	<0.5	<3	<3	75	0.11
REP L900W 275N	QC			23																			
L1100W 475N	Soil			5	2	26	29	84	<0.3	11	7	305	3.08	12	<8	<2	3	5	<0.5	<3	<3	53	0.06
REP L1100W 475N	QC				2	25	27	82	<0.3	11	8	300	3.00	11	<8	<2	2	5	<0.5	<3	4	52	0.06

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Part 2

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
Pulp Duplicates											
LOW 400N	Soil	0.054	10	8	0.39	29	0.04	<20	1.10	0.01	0.10
REP LOW 400N	QC	0.053	11	8	0.40	29	0.04	<20	1.14	0.01	0.10
LOW 025N	Soil	0.038	10	17	0.30	58	0.06	<20	1.50	<0.01	0.08
REP LOW 025N	QC	0.038	10	18	0.29	58	0.06	<20	1.48	<0.01	0.08
L100OW 250N	Soil	0.045	16	9	0.46	43	0.07	<20	1.86	<0.01	0.10
REP L100OW 250N	QC										
L100OW 150N	Soil	0.034	8	9	0.37	39	0.07	<20	1.18	0.01	0.08
REP L100OW 150N	QC	0.033	8	9	0.37	37	0.07	<20	1.15	0.01	0.08
L200OW 500N	Soil	0.056	17	11	0.33	72	0.06	<20	1.53	<0.01	0.13
REP L200OW 500N	QC										
L300OW 225N	Soil	0.046	11	12	0.47	51	0.08	<20	1.57	0.01	0.11
REP L300OW 225N	QC										
L400OW 475N	Soil	0.085	27	10	0.36	31	0.07	<20	1.58	0.01	0.14
REP L400OW 475N	QC	0.086	27	10	0.36	32	0.07	<20	1.58	0.01	0.14
L500OW 200N	Soil	0.051	12	12	0.88	58	0.11	<20	2.78	<0.01	0.10
REP L500OW 200N	QC	0.050	12	12	0.87	57	0.11	<20	2.74	<0.01	0.10
L600OW 300N	Soil	0.044	8	10	0.33	62	0.10	<20	2.40	<0.01	0.09
REP L600OW 300N	QC										
L700OW 450N	Soil	0.068	21	10	0.43	63	0.06	<20	1.74	<0.01	0.15
REP L700OW 450N	QC	0.066	20	10	0.41	60	0.06	<20	1.63	<0.01	0.15
L700OW 175N	Soil	0.077	48	16	0.53	69	0.05	<20	2.38	<0.01	0.10
REP L700OW 175N	QC										
L800OW 025N	Soil	0.050	22	38	1.11	80	0.05	<20	2.95	<0.01	0.10
REP L800OW 025N	QC	0.048	22	36	1.09	78	0.05	<20	2.75	<0.01	0.10
L900OW 275N	Soil	0.064	15	12	0.43	74	0.10	<20	2.23	0.01	0.11
REP L900OW 275N	QC										
L1100OW 475N	Soil	0.058	9	11	0.35	54	0.10	<20	1.58	<0.01	0.09
REP L1100OW 475N	QC	0.057	9	11	0.34	53	0.10	<20	1.61	<0.01	0.09

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		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
L1100W 200N	Soil	6	1	25	22	67	<0.3	11	6	171	3.43	10	<8	<2	4	3	<0.5	<3	<3	58	0.04
REP L1100W 200N	QC	15																			
L1100W 150N	Soil	9	<1	24	22	76	<0.3	12	8	479	3.02	5	<8	3	4	4	<0.5	<3	<3	49	0.06
REP L1100W 150N	QC	4																			
L1200W 025N	Soil	21	2	25	30	80	<0.3	12	7	415	2.84	11	<8	<2	8	4	<0.5	<3	<3	30	0.05
REP L1200W 025N	QC		2	24	25	75	0.4	12	7	389	2.74	12	<8	<2	8	4	<0.5	<3	<3	29	0.05
Reference Materials																					
STD DS7	Standard		19	95	66	383	0.6	53	8	606	2.28	48	<8	<2	4	66	5.4	5	<3	79	0.91
STD DS7	Standard		22	98	65	414	0.8	55	9	641	2.35	52	<8	<2	4	71	5.6	5	8	82	0.95
STD DS7	Standard		20	121	66	413	0.8	54	9	650	2.48	52	<8	<2	5	82	5.5	4	6	98	1.04
STD DS7	Standard		20	98	68	394	0.9	52	8	629	2.40	51	<8	<2	5	78	5.4	3	8	100	0.98
STD DS7	Standard		20	106	62	390	0.9	54	9	640	2.43	45	9	<2	5	78	5.5	7	5	86	0.98
STD DS7	Standard		20	102	66	380	0.8	52	8	633	2.39	49	<8	<2	6	77	5.4	7	7	84	0.98
STD DS7	Standard		21	101	67	400	0.8	53	9	615	2.34	47	<8	<2	5	65	5.5	5	4	92	0.90
STD DS7	Standard		20	142	67	421	0.8	52	9	619	2.33	44	<8	<2	5	65	5.4	7	4	90	0.91
STD DS7	Standard		19	99	65	408	1.0	52	9	612	2.32	50	9	<2	4	69	5.8	7	6	81	0.93
STD DS7	Standard		20	100	66	412	0.9	56	9	628	2.40	51	8	<2	4	70	6.0	<3	13	82	0.95
STD DS7	Standard		22	113	75	420	1.1	56	10	683	2.51	53	<8	<2	6	83	6.0	6	7	88	1.05
STD DS7	Standard		21	112	74	427	1.0	56	10	688	2.58	54	<8	<2	5	85	6.4	<3	5	93	1.06
STD DS7	Standard		18	95	63	378	0.9	49	8	588	2.14	45	<8	<2	4	62	5.7	6	3	72	0.86
STD DS7	Standard		17	92	63	371	1.1	49	8	587	2.14	50	9	<2	4	64	5.6	5	<3	75	0.87
STD DS7	Standard		19	101	60	415	0.8	53	8	604	2.39	47	<8	<2	4	66	5.5	4	7	90	0.88
STD DS7	Standard		21	117	66	416	0.8	54	9	605	2.33	46	12	<2	2	67	5.1	6	<3	90	0.90
STD DS7	Standard		20	102	61	406	0.3	53	8	597	2.34	41	<8	<2	5	66	5.3	5	7	95	0.94
STD DS7	Standard		20	100	65	404	0.8	52	8	593	2.30	49	<8	<2	5	67	5.3	4	4	83	0.91
STD OXE56	Standard	622																			
STD OXE56	Standard	622																			
STD OXE56	Standard	632																			
STD OXE56	Standard	604																			

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Part 2

		1D P %	1D La ppm	1D Cr ppm	1D Mg %	1D Ba ppm	1D Ti %	1D B ppm	1D Al %	1D Na %	1D K %	1D W ppm
L1100W 200N	Soil	0.038	9	11	0.34	36	0.08	<20	1.72	<0.01	0.07	<2
REP L1100W 200N	QC											
L1100W 150N	Soil	0.036	8	12	0.38	47	0.07	<20	1.40	<0.01	0.08	<2
REP L1100W 150N	QC											
L1200W 025N	Soil	0.032	17	11	0.46	45	0.05	<20	1.56	<0.01	0.14	<2
REP L1200W 025N	QC	0.030	18	12	0.44	42	0.05	<20	1.48	<0.01	0.13	<2
Reference Materials												
STD DS7	Standard	0.071	11	181	0.99	376	0.11	32	0.99	0.09	0.44	2
STD DS7	Standard	0.073	11	192	1.03	404	0.12	33	1.05	0.09	0.47	3
STD DS7	Standard	0.072	14	207	1.09	418	0.13	41	1.14	0.11	0.48	4
STD DS7	Standard	0.072	13	200	1.06	407	0.12	39	1.08	0.10	0.47	3
STD DS7	Standard	0.071	14	212	1.05	396	0.13	34	1.09	0.10	0.46	3
STD DS7	Standard	0.071	13	209	1.05	394	0.12	37	1.08	0.10	0.46	<2
STD DS7	Standard	0.072	11	192	1.02	402	0.11	38	0.97	0.09	0.45	3
STD DS7	Standard	0.073	11	188	1.01	409	0.11	38	0.97	0.08	0.46	4
STD DS7	Standard	0.073	12	185	1.03	400	0.11	40	1.02	0.09	0.46	5
STD DS7	Standard	0.075	12	198	1.06	406	0.12	38	1.04	0.09	0.47	6
STD DS7	Standard	0.075	14	215	1.13	422	0.08	42	1.15	0.11	0.49	3
STD DS7	Standard	0.076	14	220	1.16	437	0.09	43	1.17	0.11	0.51	<2
STD DS7	Standard	0.071	10	144	0.98	365	0.10	42	0.88	0.07	0.41	5
STD DS7	Standard	0.071	10	143	0.99	368	0.10	38	0.90	0.07	0.41	4
STD DS7	Standard	0.073	10	192	1.04	404	0.11	34	0.98	0.08	0.45	5
STD DS7	Standard	0.072	11	191	1.02	393	0.11	35	0.98	0.08	0.44	5
STD DS7	Standard	0.074	12	190	1.01	382	0.12	38	0.98	0.08	0.43	6
STD DS7	Standard	0.072	11	186	1.00	379	0.11	37	0.97	0.08	0.43	<2
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											
STD OXE56	Standard											

		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
STD OXE56	Standard	590																			
STD OXE58	Standard	614																			
STD OXE56	Standard	599																			
STD OXE56	Standard	587																			
STD OXE56	Standard	612																			
STD OXE56	Standard	609																			
STD OXE56	Standard	622																			
STD OXE56	Standard	597																			
STD OXE56	Standard	581																			
STD OXE56	Standard	631																			
STD OXE56	Standard	601																			
STD OXE56	Standard	595																			
STD OXE56 Expected		611																			
STD DS7 Expected			21	109	71	411	0.9	56	10	827	2.39	48	5	0.07	4	69	6.4	6	5	86	0.93
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	Δ	<1	<0.01
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	Δ	<1	<0.01
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	Δ	<1	<0.01
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	Δ	<1	<0.01
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	Δ	<1	<0.01
BLK	Blank	<2																			
BLK	Blank	2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			

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		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01

AcmeLabs

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 Vancouver BC V6E 2E9 Canada

Project:

LEADVILLE CREEK

Report Date:

September 03, 2008

Page:

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		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
BLK	Blank											
BLK	Blank											
BLK	Blank											
BLK	Blank											
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank											
BLK	Blank											
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

30867

BIG KAHUNA ZOOB SOIL GRID
Au IN PPB
1:5000

- Au VALUES**
- 10-19
 - 20-49
 - 50-99
 - >100



	1700W	1600W	1500W	1400W	1300W	1200W	1100W	1000W	900W	800W	700W	600W	500W	400W	300W	200W	100W	0W
+500N	3	22	22	4	5	8	5	3	26	0	5	22	22	3	4	22	13	12
	5	6	10	3	8	22	5	2	8	22	3	22	22	5	7	22	16	12
	3	22	5	3	22	2	7	21	17	14	22	22	22	22	3	22	8	14
	7	5	9	4	22	6	8	20	31	22	22	22	19	4	14	18	23	40
+400N	6	10	9	3	5	21	16	22	6	22	22	22	19	4	14	18	23	40
	22	22	17	6	7	5	22	9	6	22	22	22	19	22	12	12	25	111
	6	5	5	6	7	22	22	9	7	22	22	22	11	2	14	21	16	34
	10	8	4	6	15	6	14	46	16	22	22	4	8	56	8	14	6	15
+300N	-3	2	22	4	3	2	7	9	10	22	22	16	15	63	12	22	12	17
	22	5	6	2	22	22	40	10	27	5	7	7	8	7	14	26	11	9
	22	46	6	5	22	22	22	20	19	5	22	22	6	10	27	14	6	7
	4	3	5	18	5	11	2	9	16	8	22	22	3	11	22	5	3	6
+200N	-22	3	4	3	6	7	6	26	44	20	22	22	3	11	22	8	19	2
	22	11	11	6	3	22	22	7	3	55	22	22	6	13	17	22	10	69
	13	4	22	4	5	6	9	5	2	16	22	6	13	361	9	3	2	5
	3	22	6	8	3	5	11	7	4	18	22	22	7	3	8	15	7	4
+100N	-3	6	5	4	4	46	21	22	8	7	22	6	5	22	7	8	10	22
	5	22	6	55	4	9	8	22	25	3	22	14	4	424	3	12	18	13
	22	17	5	10	7	22	6	22	10	22	6	21	22	12	168	10	22	5
	22	19	3	8	9	21	16	22	9	16	4	28	22	13	7	48	3	22
+00N	7	27	8	8	4	14	7	22	3	6	22	11	22	6	22	22	22	22