YMIP Grant **10-069**

A Summary Technical Report on the Alberta-Rosebud Projects Of a Focussed Regional Module, Hard Rock Type

A Geochemical/Geological Report

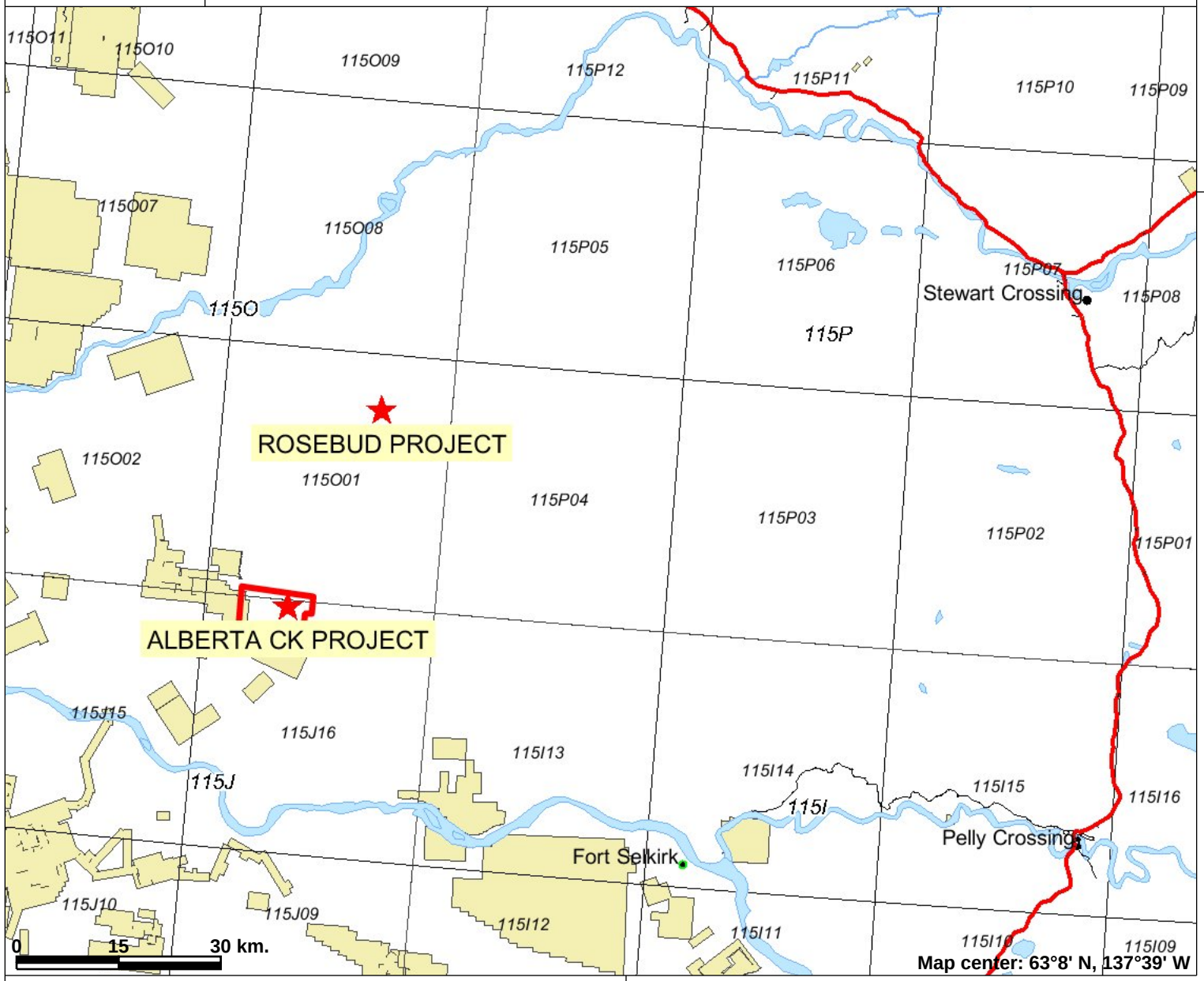
Claims staked under this grant:
In the Alberta Creek Project Area
AC 1 to AC 98, AC 97A, AC 98A, AC99 to AC 126
Grant Numbers AD64152 to AD64280
Owner: Gordon Richards

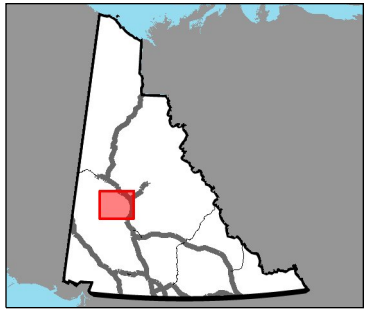
Location
Alberta Creek Area: 115O/01 and 115J/16
Camp UTM 636,618/6,987,364 NAD83 Zone7, Elev 760 m
Rosebud Area: 115O/01
Camp UTM 642,478/7,009,737 NAD83 Zone 7, Elev 1143 m

Grant awarded to Gordon Richards
Work performed by Gordon Richards and Jeff Mieras
Report written by Gordon Richards

January 20, 2011

YMIP 10-069 Project Areas





Legend

- Yukon Border - Surveyed
- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter

Land and Sea

- Ocean
- Yukon
- Other

Places (All)

- City
- Town
- Municipality
- Village
- Community
- Settlement
- Native Settle
- Hamlet
- Historic Site

- 250 000 NTS Index
- 1:50 000 Mineral Index

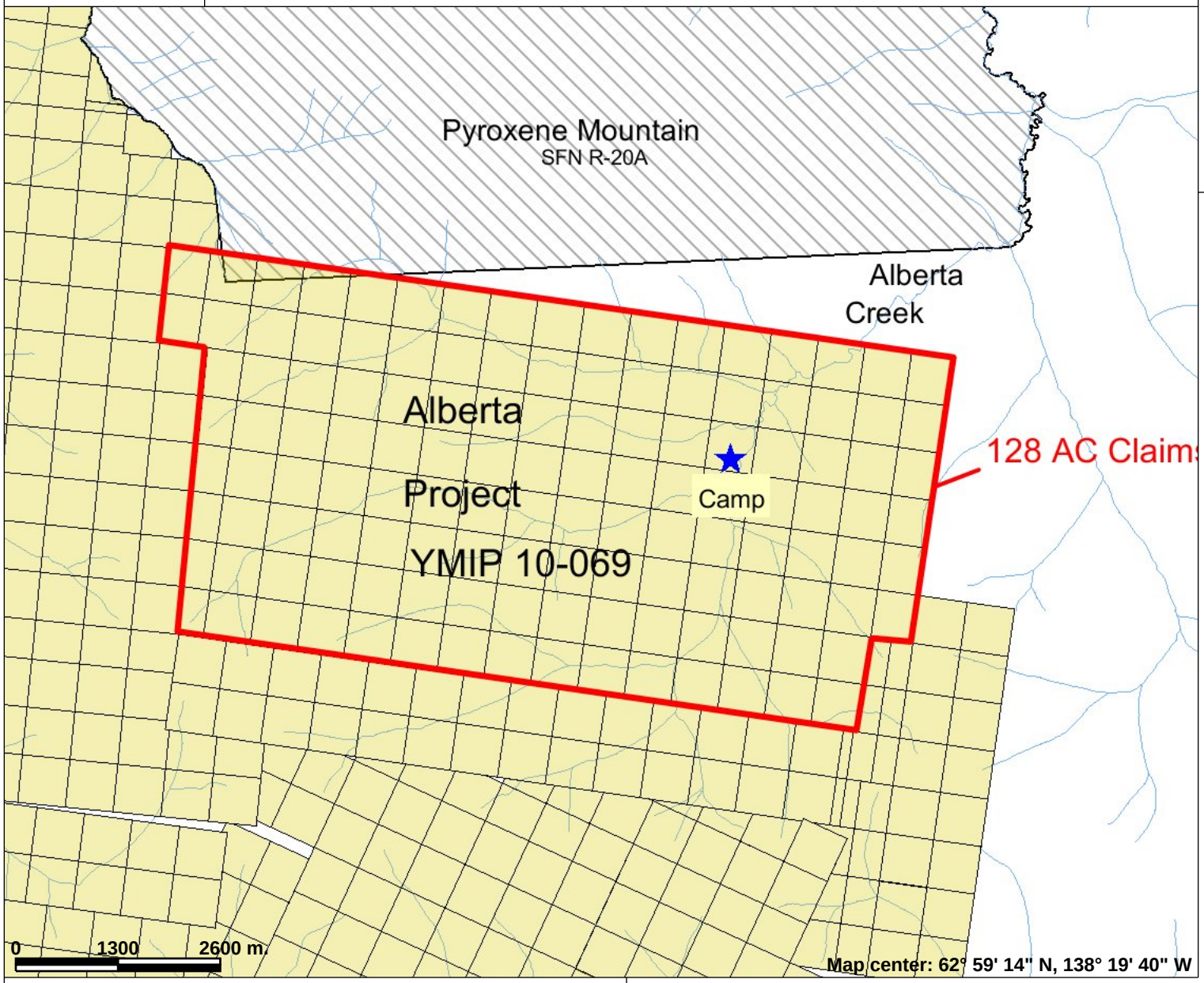
Quartz Claims 1M

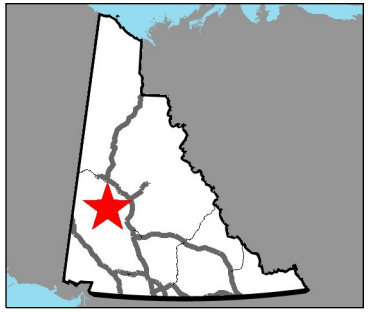
- Active
- Expired

N

Scale: 1:876,795

Alberta Project Quatz Claims





Legend

- Yukon Border - Surveyed
- Quartz Claims
  - Active
  - Expired
- National Road Network - All Roads
  - Expressway / Highway
  - Arterial
  - Collector
  - Ramp
  - Resource / Recreation
  - Local / Street
  - Local / Strata
  - Local / Unknown
  - Alley or Service Lane
  - Service Lane
  - Winter
- Waterbodies (50k)
  - Dry river bed
  - Navigable canal
  - Sand
  - Water disturbance
  - Waterbody
  - Waterbody
- Land and Sea
  - Ocean
  - Yukon
  - Other
- Places (All)
  - City
  - Town
  - Municipality
  - Village
  - Community

N

Scale: 1:76,045

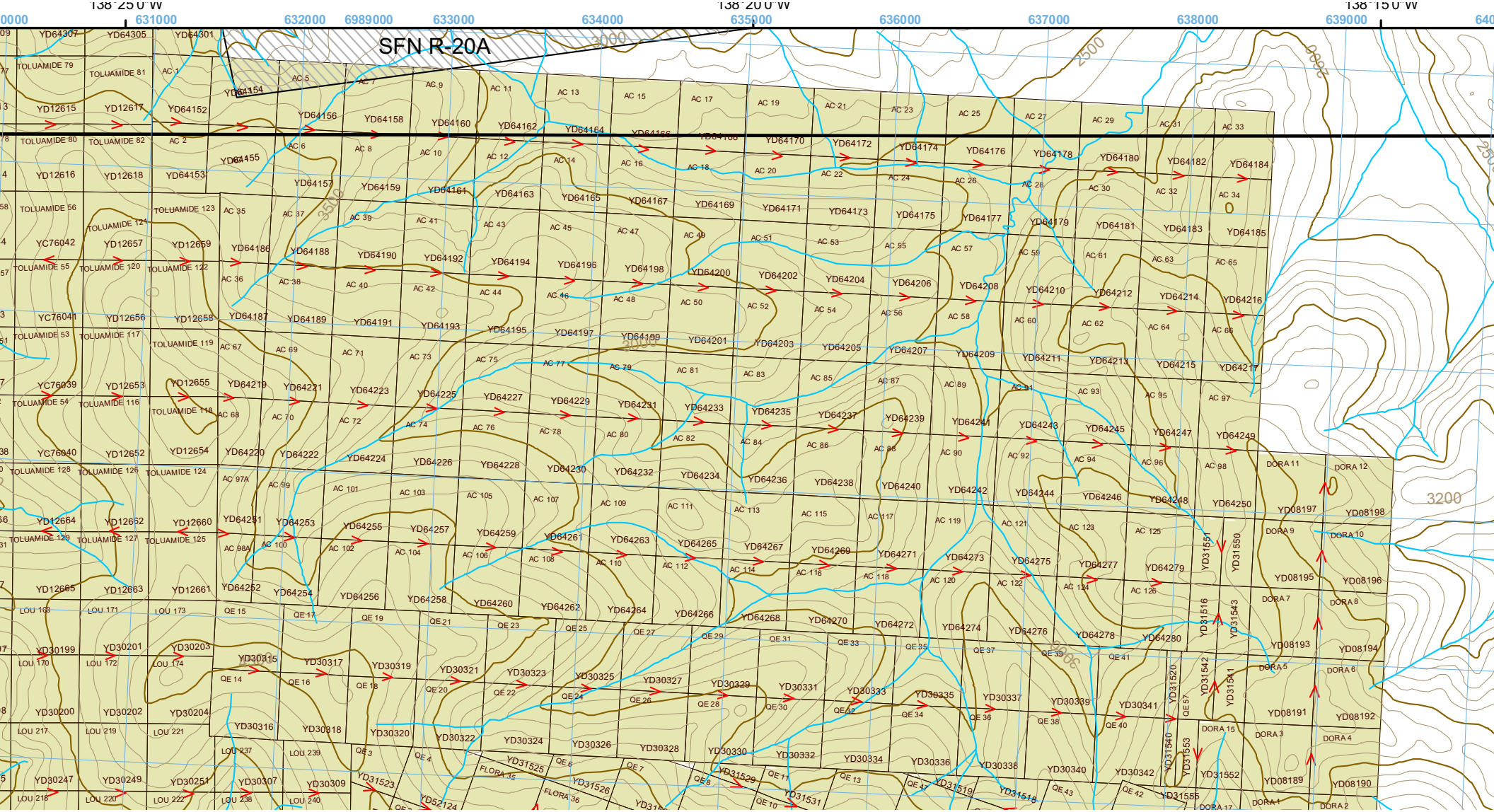

SFN R-20A
138°25'0"W
138°20'0"W
138°15'0"W
631000
632000
633000
634000
635000
636000
637000
638000
639000
6989000
3000
3500
3200
2500

TABLE OF CONTENTS

SUMMARY

Work described in this report was conducted under a YMIP Focussed Regional Grant, Hardrock Type. YMIP No is 10-069.

The original proposed project areas were Alberta Creek Project Area (NTS 115O/01) and Clarke-Preacher Project Area (NTS 115O/02). On June 4, 2010 the applicant checked the areas for recent staking in the offices of the Dawson Mining Recorder. He found that the Clarke-Preacher Project Area had been recently staked and so substituted the Rosebud Project Area (NTS 115O/01) with approval by Danielle Heon and Mike Burke. The possibility of recent staking of one or both of the project areas had been considered by the applicant so the Rosebud Project Area had been reviewed in Whitehorse on June 3, 2010 with Danielle Heon and Mike Burke.

The applicant flew by helicopter June 5 to the Alberta Creek Area and began staking the area as the possibility of others staking this ground was considered high. A camp was established from which staking was completed followed by soil sampling at 100 m intervals along widely spaced lines. Geological information was collected from outcrops, float, and chips in soil pits. A “cat” trail estimated to be about 20 years old was seen passing through the camp area. Cat work was noticed at the pingo two km west of camp. A placer test cut that appeared not to have reached bedrock was seen two km northwest of camp along an east flowing creek. An old camp of the same age was seen near the present camp. The area lies in unglaciated terrane so float and soil chips are considered to be sourced locally.

On June 15 personnel and camp were moved by helicopter to a ridge top in the centre of the Rosebud Area. Similar soils and geological information were collected there. Here the ridge line is shown on government maps as unglaciated with lower slopes shown as having undergone pre Reid glaciations older than 200,000 years. On June 21 camp, personnel, samples and garbage were flown by helicopter back to Dawson where samples and gear were sorted and claims recorded ending the fieldwork portion of the grant.

Following is a description of the claims staked, geochemical survey, geological survey, results, and conclusions and recommendations for the two project areas. Detailed maps are appended.

ALBERTA CREEK PROJECT AREA

Claims:

128 Quartz Claims were staked June 5, 6, 8, 10, and 11 in an easterly direction along east-west UTM grid lines prior to collection of soil and rock samples. The claims are the AC 1 to AC 98, AC 97A, AC 98A, AC99 to AC 126. Grant Numbers are AD64152 to AD64280 respectively. All claims are held by Gordon Richards. The claims were optioned to Pacific Ridge Exploration after results were obtained.

Geochemical Survey:

202 soil samples were collected June 7, 9, 12, 13 and 14 by auger from C-horizon at depths of 50 to 100 cm. Loess was present at all sample sites at thicknesses of 10 to 30 cm starting near surface beneath a thin organic layer. Sampled material was placed into numbered gusseted kraft sample bags and filled the bags about three quarter full. Similarly numbered flagging was place on nearby vegetation. Sample location was recorded as a UTM co-ordinate, Zone 7 (NAD 83) on a handheld Garmin GPSmap 60Cx. Every tenth UTM co-ordinate was also recorded in notebooks as a backup in case of loss of the GPS unit or loss of data stored on the unit. No loss occurred. Soil colour and rock type when available was also recorded along with slope of sample site and dampness of sample. Samples were collected at 100 m intervals along widely spaced lines as shown on the accompanying detailed map. Sometimes 100 m interval was prevented by rocky soil. Such rocks were described in notebooks and that information placed on the map.

During the course of the above soil sampling, two stream sediment samples, A113 and A114, were collected from streams in the east part of the surveyed area. They are shown as soils on the accompanying map but are actually streams. They were collected by a plastic trowel from active sediment beneath water in the centre of the streams. These samples were placed into gusseted kraft sample bags and filled the bags completely.

Also collected were 11 rock chip samples of float as described below. These samples, weighing from 0.11 to 0.28 kg, were also placed into gusseted kraft sample bags.

All samples were stored in 28 cm by 50 cm by 3 mm thick plastic bags for handling. After removal from the project areas, they were stored in a truck owned by the applicant and eventually driven to Acme Analytical Laboratories Ltd, 1020 Cordova St East, Vancouver, B.C., V6A 4A3 for analyses. Soil and silt samples were dried at 60 degree C, sieved up to 100 g to minus 80 mesh. Rock samples were crushed to 80% passing a 10 mesh screen, from which 500 g is split (all, in this case because of the small sample size) and pulverized to 85% passing a 200 mesh screen.

Analytical method was Acme's 1DX on a requested 15 g sample size. In this method sample splits of 15 g are leached in hot (95degree C) Aqua Regia and analyzed by ICP-MS. Results are reported for 41 elements in ppb, ppm or % depending on the element in question as shown on the Certificate of Analyses provided by Acme Labs. An attached Appendix provides results in original format and also attached to GPS co-ordinates of all sample sites as described above.

Geological Survey:

Outcrops, float and soil rock chips were used to build a geological map as shown on the attached detailed sample location map. The limit of a marble unit was determined using calcium values from soil samples in excess of one percent calcium.

Metamorphic rocks include gneiss, schist and marble. Float of gneiss is often quartz-feldspar-hornblende±biotite gneiss with a colour index of 10-20 and a strong foliation. More mafic gneisses are not uncommon. Garnet is present in some samples. Micaceous samples have also been noticed. Quartz rich gneisses including quartzite were noted on the hillside sampled by C92 to C97. Intrusive float was also noted at a few sites as noted on the sample location map. Gneissic units of like compositional type have not been mapped in any detail. The gneiss that lies east of the quartz monzonite intrusion described below are much finer grained and much more mafic and uniform in their composition and colour that the gneisses to the west. They are dark green and well foliated. They may be part

of an ultramafic package of rocks that have a pronounced magnetic high on the government aeromagnetic map. The contact with the quartz monzonite stock may be a fault. The marble unit shown on the map is probably not a uniform marble unit but made up of lenses and layers of marble within the unit shown. Where seen the marble is fine-grained and clean. Limits of the unit were based on using the 1% calcium limit of soil sample results. The unit is from 200 to 600 m wide and has been traced over a four km length. It appears to be truncated by the quartz monzonite stock.

The metamorphic rocks have been intruded by an unmetamorphosed potassium feldspar phyric biotite-hornblende quartz monzonite possibly of the Early Jurassic Aishihik Suite or the Middle Cretaceous Whitehorse Suite as mapped and described by Colpron and Ryan to the east on Geoscience Map 7. It lies in the eastern third of the project area as shown on the map. It contains pink and white feldspars, quartz and hornblende (up to ten percent), lesser biotite and less than one percent potassium feldspars to three cm long. Foliation is not common but present. All exposures and float are unaltered.

Quartz-eye rhyolite outcrop and float occurs over two large areas, one in the extreme northeast of the area and the other in the southernmost part of the area. It is characterized by generally small (<1mm) quartz eyes in an aphanitic very pale creamy-tan coloured groundmass. Following are rock descriptions from the northeast occurrence.

A91 quartz eye rhyolite boulder.

A92 bedded(?) siliceous hematitic rhyolite.

A93 Mn stained siliceous quartz eye rhylolite

A118 Very siliceous bedded(?) rhyolite wuth minor fracture limonite.

A119 Siliceous rhyolite tuff(?). Hematite stained. At hanging wall contact of quartz-eye rhyolite.

A120 Siliceous breccias with 2% leached sulphide(?) At hanging wall contact of quartz-eye rhyolite.

A121 Rhyolite with 2 mm quartz veinlets. Some vuggy quartz. Low limonite-hematite. From centre of rhyolite exposures.

A122 Fragmental textured rhyolite with low limonite fractures.

A123 Quartz-eye rhyolite with 5% 1mm to much smaller quartz eyes. Some quartz eyes appear to be shards. Very minor feldspar phenocrysts.

The exposure in the northeast near A90 is particularly siliceous and glassy looking with a hematitic banded hanging wall over the one metre wide exposure here. Sulphide content is everywhere low to absent. The exposure in the south downslope from A117 contains at least one dykelet about 20 to 50 cm wide of feldspar porphyritic dacite to rhyolite. This rock unit is fresh and unaltered everywhere it has been seen. It is believed to belong to the Upper Cretaceous Carmacks Group known to be widespread in the Dawson Range.

Results:

The soil geochemical results provide strong encouragement for finding significant gold mineralization. The results can be divided into two groups: one with anomalous gold with support of other elements and a second group with no anomalous gold but strong multi-element anomalous values that could be fringing gold mineralization lying beyond the sample line. The following is a brief description of the selected anomalous geochemical targets starting with those that contain anomalous gold. Also one of two sulphur anomalies, this one without any anomalous pathfinder elements, occurs within the marble unit from samples A13 to A18.

1. A45 to A52 are anomalous for Au (4-78 ppb) with support from Mo, Pb, As and Sb over a 700m length. A rock chip from sample A52 contained a medium grained diorite with leached fracture sulphide. Nearest sample line is 600 m south where a single sample, A22, is anomalous for Au (61 ppb) with no support from other elements.
2. C65 and C66, 36 and 18 ppb Au, have anomalous Mo, Sb, and Se with modest As and Ag support. These samples lie along the south side of the marble unit.
3. C76 and C77, 26 and 14 ppb Au, have modestly anomalous Sb and one sample anomalous for Bi.

4. C7 and C8, 28 and 134 ppb Au, have no support from other elements and lie within the quartz monzonite stock. These values could be associated with a gold mineralized structure lying beneath the small gulley lying between the two samples.
5. A31 to A34, and C50, 57, 8, 16, 11, and 12 ppb Au have modest partial support from Sb and W.
6. C51 and C52, 126 and 15 ppb Au, have some Sb and modest Se and W support. The samples are well removed from other samples. They are located near the quartz monzonite contact with mafic gneiss.
7. A113, 24 ppb Au, is a single stream sediment with only modest W support lying at the south end of sampling collected in a creek with abundant quartz-eye rhyolite.

Two areas with no anomalous gold could be fringing gold mineralization beyond the limits of sampling.

8. C27 to C32 are unique in having anomalous S with values of 0.07 to 0.28 %S above a persistent background of <0.05 %S. The samples are also partially anomalous for Mo, Pb, Se, As, Sb, and Bi.
9. A76 to A98 are partially anomalous for Mo, Cu, Pb, Ag, Sb, As, Bi, and Se. Cr is anomalous in many of these samples and Ni values are elevated. Anomalous Cr and Ni are probably related to the underlying mafic to ultramafic gneiss seen in some soil chips and the few available outcrops of this rock type. Outcrops of very siliceous rhyolite were sampled by rock chips A091 to A099 and A118 to A123. See descriptions above. Results of these rock chips were anomalous for the same elements as the soils thereby explaining a probable source. Whether or not this area leads into gold-bearing mineralization further east and or north remains a possibility.

Conclusions:

Amphibolite grade metamorphic rocks including a 200 to 600 m wide marble unit trend northwest across the project area. These rocks are intruded by

an Early Jurassic or Middle Cretaceous locally foliated potassium feldspar phyric hornblende quartz monzonite and by an Upper Cretaceous quartz-eye rhyolite.

Soil samples collected at 100 m intervals along widely spaced lines and one stream sediment sample define 7 zones of anomalous gold with variably anomalous pathfinder elements that include Mo, Pb, As, Sb, Bi, W, and Se. Two other zones of the same variably anomalous elements and also S could lead into areas of anomalous gold with underlying gold mineralization.

The area is unglaciated so that the source of the anomalous metals is believed to be very local.

Recommendations:

Additional soil sampling is recommended over and around the zones of anomalous gold in soils defined above. Additional soil sampling is also recommended adjacent to the two zones of anomalous pathfinder elements that lack anomalous gold. Geological information should be collected wherever possible.

ROSEBUD PROJECT AREA

Geochemical Survey:

131 soil samples were collected June 16 to 21 by auger from C-horizon at depths of 50 to 100 cm. Loess was present at all sample sites at thicknesses of 10 to 30 cm starting near surface beneath a thin organic layer. Method of collection, storage, shipment and analyses was as described above under Alberta Creek Project Area.

Also collected were 5 rock chip samples of float as described below. These samples, weighing from 0.11 to 0.33 kg, were also placed into gusseted kraft sample bags.

Geological Survey:

Outcrops, float and soil rock chips were used to build a geological map as shown on the attached detailed sample location map.

Float and outcrop seen along ridgeline soil surveys were primarily gneisses with minor intrusive exposures. The resistant gneisses were comprised of variable amounts of feldspar, hornblende, biotite, and quartz with minor garnet. Soil pits found considerable muscovite in some areas as indicated on the accompanying sample location map.

A potassium feldspar porphyritic “granite” with 5 to 15 percent potassium feldspar phenocrysts occurs in two areas. The groundmass is chlorite rich and foliated and the Kspar phenocrysts are augen-like. Kspar lamellae are also present in the groundmass of some samples. These bodies do not appear to be extensive judging from the angular gneissic float commonly encountered on the survey lines.

Results:

Geochemical results of the soil and rock samples were disappointingly low for all elements. It is difficult to glean any interesting results from the analyses.

Conclusions:

The area is underlain by gneisses and schists similar to rocks encountered on the Alberta Creek Project Area except that no marble or mafic-ultramafic gneisses were encountered.

Soil samples collected at 100 m intervals along ridge lines did not return any anomalous metal values.

Recommendations:

No further exploration is warranted in the immediate vicinity of the project area.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: July 08, 2010
Report Date: July 27, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN10003145.1

CLIENT JOB INFORMATION

Project: ROSEBUD
Shipment ID:
P.O. Number
Number of Samples: 131

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	131	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	131	Dry at 60C			VAN
1DX2	131	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
RJSV	131	Saving all or part of Soil Reject			VAN

ADDITIONAL COMMENTS

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
R02	Soil	0.5	21.3	4.2	73	<0.1	41.5	19.0	751	4.85	2.6	0.7	<0.5	5.1	23	<0.1	0.1	<0.1	85	0.58	0.173
R03	Soil	0.6	22.7	9.5	69	<0.1	21.6	21.2	616	4.30	6.0	1.4	<0.5	6.9	47	<0.1	0.3	<0.1	117	0.47	0.100
R04	Soil	0.3	21.3	4.7	98	<0.1	8.0	16.3	875	5.85	2.4	1.6	0.6	2.4	34	<0.1	0.1	<0.1	104	0.90	0.280
R05	Soil	0.5	6.4	6.8	42	0.2	11.3	5.5	223	1.69	3.6	2.0	1.7	5.1	8	<0.1	0.2	1.9	30	0.13	0.064
R06	Soil	0.7	35.0	4.3	64	<0.1	14.9	16.9	645	4.91	3.6	0.7	1.4	2.1	19	<0.1	0.1	<0.1	98	0.47	0.218
R07	Soil	0.5	12.7	5.9	50	0.2	17.7	8.1	305	2.65	4.7	0.8	11.5	7.7	17	<0.1	0.2	<0.1	52	0.26	0.055
R08	Soil	0.6	11.3	5.6	58	0.1	19.7	9.3	378	2.81	3.8	0.7	1.3	3.7	20	<0.1	0.2	<0.1	55	0.35	0.089
R09	Soil	0.5	20.3	6.3	80	<0.1	25.0	16.4	721	4.98	5.7	1.0	1.7	4.9	32	<0.1	0.1	<0.1	83	0.53	0.271
R10	Soil	0.4	19.9	4.7	63	<0.1	26.6	17.4	601	3.88	4.9	0.7	1.9	5.1	21	<0.1	0.3	<0.1	74	0.38	0.127
R11	Soil	1.0	16.9	7.9	76	<0.1	13.9	14.5	680	4.92	5.7	1.0	5.1	4.0	45	<0.1	0.4	<0.1	62	0.55	0.111
R12	Soil	0.6	20.1	5.9	71	<0.1	26.4	16.1	606	4.54	6.4	0.5	2.9	5.3	17	<0.1	0.2	<0.1	71	0.27	0.122
R13	Soil	0.5	20.7	2.8	68	<0.1	37.9	20.2	557	4.29	2.1	0.7	0.5	5.5	34	<0.1	0.1	<0.1	82	0.68	0.185
R14	Soil	2.1	41.9	2.8	95	<0.1	158.1	28.6	847	4.64	2.6	0.8	1.1	2.9	18	<0.1	<0.1	<0.1	117	0.30	0.051
R15	Soil	0.4	23.9	2.7	87	<0.1	26.8	23.5	1107	5.79	2.1	0.7	1.3	3.3	31	<0.1	0.1	<0.1	98	0.94	0.329
R16	Soil	0.4	18.6	2.5	100	<0.1	14.0	14.4	1116	6.10	2.8	0.8	1.2	3.0	36	<0.1	0.2	<0.1	44	0.99	0.295
R17	Soil	0.8	10.6	7.8	48	<0.1	9.8	8.2	469	3.08	5.2	0.6	1.4	2.1	23	<0.1	0.2	0.1	65	0.52	0.198
R18	Soil	0.7	19.9	5.1	78	<0.1	36.4	17.4	590	4.07	7.2	0.4	1.2	4.4	15	<0.1	0.4	<0.1	74	0.21	0.054
R19	Soil	0.3	31.5	3.9	72	<0.1	81.2	22.8	565	3.97	2.5	1.1	1.5	6.0	29	<0.1	0.1	<0.1	77	0.40	0.047
R20	Soil	0.8	14.3	7.7	57	<0.1	20.8	9.6	332	3.02	10.6	0.5	1.2	4.7	9	<0.1	0.4	0.1	46	0.11	0.029
R21	Soil	0.3	12.2	7.0	57	<0.1	8.0	19.2	392	3.84	2.5	0.7	<0.5	8.0	19	<0.1	0.2	<0.1	97	0.36	0.054
R23	Soil	1.1	23.8	9.4	73	<0.1	23.7	9.2	268	3.62	10.4	1.0	1.0	18.4	9	<0.1	0.5	0.2	61	0.09	0.016
R24	Soil	1.0	18.3	9.6	81	0.1	15.6	7.9	287	3.71	7.9	1.5	1.4	12.5	9	<0.1	0.4	0.5	45	0.10	0.028
R25	Soil	0.6	9.3	8.8	100	0.1	16.4	11.0	595	3.74	4.1	0.8	3.8	9.5	19	<0.1	0.2	0.2	59	0.28	0.105
R26	Soil	0.5	13.9	7.4	83	<0.1	15.1	9.6	321	4.00	6.2	1.4	1.6	13.3	11	<0.1	0.3	<0.1	52	0.14	0.049
R27	Soil	1.1	8.3	8.1	51	<0.1	7.5	2.9	156	2.19	3.6	2.2	1.9	12.6	7	<0.1	0.3	0.2	26	0.06	0.012
R28	Soil	1.0	10.8	8.6	45	<0.1	12.4	5.7	246	2.51	4.3	1.6	1.5	12.5	13	<0.1	0.3	0.1	39	0.16	0.042
R29	Soil	0.6	8.0	6.5	36	<0.1	6.6	3.0	195	1.68	3.1	1.5	0.9	20.7	5	<0.1	0.3	0.2	18	0.05	0.015
R30	Soil	1.6	25.5	14.4	63	<0.1	15.3	4.6	187	2.38	6.3	5.2	4.1	23.2	9	0.1	0.4	0.6	34	0.09	0.015
R31	Soil	1.1	13.9	7.1	70	<0.1	21.5	11.6	484	2.99	6.8	1.3	1.9	11.8	8	<0.1	0.4	0.1	41	0.09	0.027
R32	Soil	0.5	28.0	8.3	67	<0.1	29.2	12.9	465	3.59	4.8	1.3	1.9	11.5	24	<0.1	0.3	0.1	50	0.33	0.055

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
R02	Soil	20	43	1.55	189	0.188	<1	2.70	0.014	0.85	<0.1	<0.01	3.8	0.2	<0.05	12	<0.5	<0.2
R03	Soil	18	32	1.76	138	0.232	<1	2.71	0.012	0.11	0.2	<0.01	5.6	<0.1	<0.05	10	<0.5	<0.2
R04	Soil	20	12	1.46	201	0.191	<1	2.83	0.011	1.39	<0.1	<0.01	2.7	0.5	<0.05	13	<0.5	<0.2
R05	Soil	9	19	0.31	89	0.023	1	1.18	0.010	0.08	0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
R06	Soil	7	17	1.14	188	0.182	<1	2.44	0.013	0.80	0.1	<0.01	2.9	0.3	<0.05	10	<0.5	<0.2
R07	Soil	14	28	0.71	116	0.126	<1	1.75	0.011	0.20	0.1	0.01	2.4	0.2	<0.05	6	<0.5	<0.2
R08	Soil	12	27	0.87	105	0.125	<1	1.69	0.015	0.23	0.2	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
R09	Soil	17	30	1.57	152	0.212	<1	2.96	0.012	0.81	0.1	<0.01	3.6	0.4	<0.05	13	<0.5	<0.2
R10	Soil	19	37	1.35	168	0.144	<1	2.43	0.011	0.42	0.1	0.01	2.8	0.2	<0.05	8	<0.5	<0.2
R11	Soil	15	23	1.10	216	0.138	<1	2.99	0.016	0.11	<0.1	0.01	4.0	<0.1	<0.05	10	<0.5	<0.2
R12	Soil	15	40	1.38	142	0.202	<1	2.88	0.010	0.65	<0.1	0.01	2.1	0.3	<0.05	10	<0.5	<0.2
R13	Soil	40	47	1.94	245	0.209	<1	3.01	0.019	0.50	<0.1	<0.01	2.8	0.1	<0.05	12	<0.5	<0.2
R14	Soil	8	263	2.93	483	0.202	<1	3.48	0.009	1.42	0.1	<0.01	7.2	0.6	<0.05	11	0.6	<0.2
R15	Soil	17	22	1.94	381	0.194	<1	3.07	0.016	1.33	<0.1	<0.01	4.8	0.3	<0.05	12	<0.5	<0.2
R16	Soil	26	16	1.23	295	0.184	<1	2.54	0.013	0.84	<0.1	<0.01	3.2	0.2	<0.05	13	<0.5	<0.2
R17	Soil	13	20	0.64	181	0.092	<1	1.71	0.012	0.08	0.2	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
R18	Soil	11	41	1.61	174	0.162	<1	2.94	0.015	0.49	0.1	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
R19	Soil	24	147	2.05	166	0.187	<1	3.08	0.012	1.10	<0.1	<0.01	4.1	0.5	<0.05	9	<0.5	<0.2
R20	Soil	9	31	0.62	100	0.066	<1	1.82	0.008	0.18	0.2	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
R21	Soil	75	97	1.87	199	0.194	<1	3.14	0.015	0.30	0.2	<0.01	3.3	0.3	<0.05	8	<0.5	<0.2
R23	Soil	37	35	0.61	131	0.114	<1	2.26	0.009	0.43	0.2	<0.01	5.5	0.4	<0.05	8	<0.5	<0.2
R24	Soil	13	21	0.54	187	0.070	<1	1.93	0.008	0.45	0.5	<0.01	3.6	0.5	<0.05	9	0.5	<0.2
R25	Soil	10	25	0.62	266	0.105	<1	2.44	0.009	0.33	0.1	<0.01	3.4	0.3	<0.05	10	<0.5	<0.2
R26	Soil	32	25	0.68	183	0.153	<1	2.18	0.010	0.73	0.1	<0.01	3.1	0.5	<0.05	10	<0.5	<0.2
R27	Soil	19	13	0.22	81	0.030	<1	1.04	0.007	0.10	0.3	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2
R28	Soil	49	23	0.40	168	0.054	<1	1.43	0.009	0.21	0.1	0.01	3.5	0.2	<0.05	5	<0.5	<0.2
R29	Soil	7	10	0.15	74	0.020	<1	0.89	0.007	0.09	0.8	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
R30	Soil	106	23	0.32	115	0.056	<1	1.49	0.010	0.17	0.3	0.11	3.4	0.3	<0.05	6	0.5	<0.2
R31	Soil	11	26	0.50	180	0.088	<1	2.14	0.008	0.30	0.2	0.02	2.6	0.3	<0.05	7	<0.5	<0.2
R32	Soil	38	47	0.96	303	0.162	<1	2.06	0.011	0.58	0.2	0.01	4.6	0.4	<0.05	7	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
R33	Soil	0.5	32.4	6.6	96	<0.1	42.7	16.6	521	4.97	2.5	0.9	2.8	10.7	12	<0.1	<0.1	<0.1	95	0.16	0.024
R35	Soil	0.9	15.1	7.9	64	<0.1	17.1	8.4	536	2.80	4.6	2.7	2.0	12.0	16	<0.1	0.3	0.1	43	0.16	0.026
R36	Soil	1.0	11.0	8.4	79	<0.1	19.2	8.6	433	3.39	5.6	1.4	1.2	10.6	7	<0.1	0.4	0.1	48	0.09	0.033
R37	Soil	1.2	9.1	6.7	52	<0.1	9.6	4.5	239	2.52	5.7	2.1	1.1	6.7	7	<0.1	0.3	0.1	34	0.07	0.028
R38	Soil	1.3	32.1	7.2	60	<0.1	23.5	11.3	414	3.02	7.2	2.0	3.9	13.5	17	0.1	0.5	0.1	58	0.19	0.027
R39	Soil	1.3	16.6	3.0	126	<0.1	9.9	12.7	893	6.72	4.0	0.6	1.3	1.9	32	<0.1	0.2	<0.1	47	0.93	0.333
R41	Soil	0.6	42.5	5.2	87	<0.1	46.7	17.5	618	3.94	2.5	1.3	1.5	8.8	15	<0.1	0.1	<0.1	74	0.20	0.018
R42	Soil	0.3	16.5	4.1	62	<0.1	35.0	17.0	441	3.67	3.4	0.4	0.7	3.9	12	<0.1	0.1	<0.1	65	0.17	0.036
R43	Soil	0.6	32.9	3.9	46	<0.1	111.1	14.9	246	3.05	2.4	0.3	1.0	2.0	5	<0.1	0.1	0.2	81	0.12	0.017
R44	Soil	0.4	34.3	6.4	66	<0.1	87.8	16.9	424	3.57	3.1	0.9	<0.5	4.5	17	<0.1	0.1	0.2	80	0.21	0.049
R45	Soil	0.6	21.3	6.1	69	<0.1	54.9	22.4	409	4.11	5.5	0.9	<0.5	5.8	13	<0.1	0.3	0.1	84	0.16	0.021
R46	Soil	0.8	33.8	9.9	60	<0.1	97.6	18.7	471	4.38	2.8	1.1	0.5	11.3	26	<0.1	0.2	0.5	77	0.33	0.022
R47	Soil	0.7	49.1	6.6	71	<0.1	90.1	19.2	585	4.34	6.6	1.8	<0.5	9.5	27	<0.1	0.3	0.2	120	0.41	0.064
R48	Soil	0.6	13.0	5.6	66	<0.1	23.4	18.8	651	4.28	1.6	0.5	<0.5	3.0	9	<0.1	0.1	<0.1	75	0.19	0.060
R49	Soil	1.9	12.6	12.3	69	<0.1	19.1	12.7	700	3.67	1.1	1.1	0.5	8.6	27	<0.1	0.3	0.3	52	0.33	0.051
R50	Soil	0.4	22.8	11.1	77	<0.1	25.1	15.8	765	4.46	3.2	1.0	<0.5	14.1	23	<0.1	0.2	0.2	66	0.31	0.049
R51	Soil	0.6	25.3	7.3	72	<0.1	128.2	21.2	575	4.91	5.5	0.6	<0.5	3.7	9	<0.1	0.3	0.4	109	0.13	0.035
R52	Soil	0.3	25.8	5.7	75	<0.1	54.7	23.8	639	5.09	0.7	0.5	<0.5	4.2	13	<0.1	0.2	0.1	107	0.16	0.018
R53	Soil	0.2	27.6	6.6	52	<0.1	65.8	18.6	443	4.32	2.0	0.6	<0.5	4.9	13	<0.1	0.1	<0.1	81	0.18	0.017
R54	Soil	0.8	177.9	6.9	73	<0.1	101.2	15.1	692	5.04	3.2	1.2	<0.5	9.3	8	<0.1	0.2	0.1	78	0.13	0.029
R55	Soil	0.9	59.9	13.9	87	<0.1	95.2	21.9	675	5.24	6.9	1.2	<0.5	8.4	10	<0.1	0.2	0.5	140	0.18	0.045
R56	Soil	1.6	27.2	9.9	130	<0.1	48.2	15.8	618	6.44	6.7	2.2	<0.5	12.6	9	<0.1	0.3	0.4	59	0.08	0.028
R57	Soil	0.3	62.8	8.8	89	<0.1	35.4	18.8	894	4.65	11.8	1.1	0.7	6.4	38	<0.1	0.2	<0.1	122	0.66	0.073
R58	Soil	0.7	17.3	13.2	80	<0.1	10.0	4.9	305	2.52	5.6	9.6	1.8	30.9	13	<0.1	0.4	0.6	34	0.09	0.020
R59	Soil	0.7	15.8	14.5	73	<0.1	13.1	6.2	375	2.57	5.2	2.4	<0.5	25.1	14	<0.1	0.4	0.2	40	0.12	0.013
R60	Soil	0.3	30.8	14.9	85	<0.1	7.0	9.6	306	3.38	14.5	5.4	1.0	52.9	11	<0.1	0.3	0.4	42	0.12	0.040
R61	Soil	0.5	39.9	10.5	67	<0.1	22.9	16.1	502	4.13	29.3	0.7	<0.5	3.4	49	0.1	0.5	<0.1	98	0.53	0.118
R62	Soil	1.6	14.3	6.7	116	<0.1	19.2	15.6	1104	6.64	5.1	0.7	<0.5	2.7	22	<0.1	0.2	<0.1	89	0.59	0.281
R63	Soil	1.6	55.4	13.3	86	<0.1	44.1	22.9	405	4.18	6.7	1.1	1.9	12.7	10	<0.1	0.4	0.2	67	0.09	0.027
R64	Soil	1.0	42.1	9.9	98	<0.1	41.0	17.0	359	4.45	6.5	0.9	<0.5	13.0	9	<0.1	0.3	0.1	56	0.07	0.022

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
R33	Soil	25	127	1.80	160	0.227	<1	3.73	0.011	1.34	0.2	<0.01	4.4	0.9	<0.05	11	<0.5	<0.2
R35	Soil	87	28	0.53	184	0.118	<1	1.71	0.011	0.28	0.2	0.01	4.2	0.3	<0.05	6	0.5	<0.2
R36	Soil	24	28	0.52	121	0.096	<1	2.13	0.009	0.20	0.2	0.01	3.3	0.3	<0.05	8	<0.5	<0.2
R37	Soil	33	18	0.26	72	0.029	<1	1.51	0.011	0.10	0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
R38	Soil	43	37	0.64	229	0.101	<1	1.87	0.012	0.15	0.1	0.04	8.2	0.2	<0.05	7	0.5	<0.2
R39	Soil	13	12	1.35	607	0.222	<1	3.17	0.017	1.63	<0.1	<0.01	3.1	0.7	<0.05	14	<0.5	<0.2
R41	Soil	48	110	2.05	530	0.224	<1	3.09	0.012	1.08	0.2	<0.01	3.4	0.5	<0.05	9	<0.5	<0.2
R42	Soil	9	52	1.77	346	0.237	<1	2.82	0.011	1.21	0.2	<0.01	1.9	0.5	<0.05	8	<0.5	<0.2
R43	Soil	4	216	1.86	293	0.189	<1	2.77	0.012	0.38	0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
R44	Soil	9	160	2.09	540	0.222	<1	3.02	0.012	0.65	0.2	<0.01	4.7	0.3	0.06	10	<0.5	0.4
R45	Soil	14	152	1.83	342	0.217	<1	3.39	0.010	0.48	0.3	<0.01	2.8	0.3	<0.05	10	<0.5	<0.2
R46	Soil	45	171	2.35	716	0.113	<1	3.43	0.008	0.27	0.1	0.03	6.0	0.2	<0.05	10	<0.5	0.2
R47	Soil	48	166	2.21	970	0.262	<1	3.36	0.014	0.83	0.2	<0.01	9.4	0.4	<0.05	11	<0.5	0.4
R48	Soil	5	68	1.99	344	0.292	<1	2.98	0.007	1.02	0.3	<0.01	1.5	0.5	<0.05	9	<0.5	0.2
R49	Soil	18	35	0.47	1023	0.008	<1	1.40	0.005	0.28	<0.1	0.04	11.4	0.2	<0.05	4	<0.5	0.2
R50	Soil	54	96	1.92	674	0.239	<1	2.88	0.009	0.98	0.2	<0.01	3.3	0.5	<0.05	10	<0.5	0.4
R51	Soil	6	280	2.36	420	0.231	<1	3.52	0.011	0.60	0.3	<0.01	3.8	0.3	<0.05	10	<0.5	<0.2
R52	Soil	21	135	2.54	724	0.284	<1	3.76	0.007	1.52	0.1	<0.01	3.3	0.7	<0.05	8	<0.5	<0.2
R53	Soil	14	200	2.22	492	0.268	<1	3.30	0.010	0.87	0.2	<0.01	2.7	0.4	<0.05	10	<0.5	0.4
R54	Soil	10	187	2.22	340	0.293	<1	3.52	0.009	1.27	0.3	<0.01	2.7	0.6	<0.05	13	<0.5	<0.2
R55	Soil	12	144	2.16	429	0.221	<1	3.62	0.013	0.92	0.2	<0.01	7.7	0.4	<0.05	12	<0.5	<0.2
R56	Soil	11	76	1.28	392	0.225	<1	3.60	0.009	1.34	0.1	<0.01	3.4	0.9	<0.05	11	<0.5	<0.2
R57	Soil	26	83	1.95	456	0.130	<1	3.07	0.010	0.59	<0.1	0.01	8.7	0.3	<0.05	10	<0.5	<0.2
R58	Soil	172	18	0.29	151	0.073	<1	1.50	0.008	0.22	0.2	0.03	4.6	0.4	<0.05	6	<0.5	<0.2
R59	Soil	51	20	0.41	163	0.079	<1	1.58	0.009	0.23	0.2	<0.01	3.9	0.3	<0.05	6	<0.5	<0.2
R60	Soil	151	14	0.40	129	0.044	<1	1.89	0.007	0.38	0.2	<0.01	7.1	0.5	<0.05	10	0.8	<0.2
R61	Soil	11	39	1.22	179	0.191	<1	2.79	0.021	0.07	0.2	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
R62	Soil	9	19	1.52	291	0.356	<1	3.22	0.012	1.08	<0.1	<0.01	2.8	0.3	<0.05	14	<0.5	0.3
R63	Soil	16	47	0.89	196	0.129	1	2.85	0.009	0.47	<0.1	<0.01	3.8	0.4	<0.05	7	<0.5	<0.2
R64	Soil	15	47	1.06	167	0.156	<1	2.97	0.008	0.56	<0.1	<0.01	4.1	0.5	<0.05	8	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
R65	Soil	2.7	61.4	15.0	131	<0.1	45.1	14.9	473	5.32	6.3	1.5	<0.5	9.7	9	<0.1	0.3	0.2	122	0.16	0.066
R66	Soil	1.0	20.7	6.8	102	<0.1	59.8	20.8	1398	5.60	4.6	0.5	<0.5	4.6	29	<0.1	0.2	<0.1	91	0.37	0.297
R67	Soil	1.1	22.6	3.5	109	<0.1	8.0	16.8	676	5.99	1.9	0.6	<0.5	3.3	55	<0.1	0.1	<0.1	87	0.84	0.226
R68	Soil	0.4	29.3	3.6	79	<0.1	9.0	18.9	592	5.47	2.7	1.5	1.5	4.4	67	<0.1	0.2	<0.1	151	1.84	0.544
R69	Soil	0.4	19.1	2.7	91	<0.1	8.0	17.9	962	6.14	3.3	0.5	0.9	2.3	31	<0.1	0.2	<0.1	128	0.92	0.338
R70	Soil	0.9	16.0	8.7	68	<0.1	17.4	10.2	476	3.26	8.5	1.7	1.9	14.6	14	<0.1	0.6	0.2	60	0.15	0.043
R71	Soil	0.3	18.9	6.4	73	<0.1	16.2	10.6	512	3.18	5.9	1.3	1.0	11.7	21	<0.1	0.4	0.1	54	0.26	0.066
R72	Soil	0.4	14.2	3.2	89	<0.1	4.7	14.5	899	5.21	4.1	0.5	<0.5	2.1	50	<0.1	0.2	<0.1	93	0.87	0.234
R73	Soil	0.4	16.5	6.4	59	<0.1	11.6	8.2	454	2.79	6.1	2.0	3.7	10.0	21	<0.1	0.4	0.1	53	0.28	0.054
R74	Soil	0.9	12.9	10.1	81	<0.1	15.6	11.5	456	3.10	8.2	2.3	1.5	4.8	14	<0.1	0.5	0.3	82	0.18	0.075
R75	Soil	0.5	37.4	6.9	44	<0.1	18.0	14.4	295	3.13	7.8	1.0	3.5	6.1	18	<0.1	0.4	0.1	93	0.39	0.092
B01	Soil	0.3	34.1	9.3	49	<0.1	31.0	13.3	495	4.42	5.3	1.7	<0.5	18.8	20	<0.1	0.2	0.2	75	0.31	0.063
B02	Soil	0.7	16.5	12.3	74	<0.1	45.6	16.3	429	5.31	7.7	1.0	6.6	10.7	11	<0.1	0.2	0.2	104	0.09	0.025
B03	Soil	0.7	21.1	18.8	72	<0.1	27.4	12.2	362	3.96	9.4	1.0	1.8	12.7	12	<0.1	0.3	0.2	62	0.13	0.036
B04	Soil	0.5	22.2	15.8	73	<0.1	31.9	14.8	526	4.65	8.2	2.0	0.7	19.6	12	<0.1	0.1	0.2	90	0.20	0.064
B05	Soil	2.4	24.2	4.2	113	<0.1	61.8	24.7	993	6.55	3.9	1.3	<0.5	8.0	21	<0.1	0.1	<0.1	110	0.34	0.146
B06	Soil	0.6	28.9	2.4	64	<0.1	61.5	22.9	720	4.62	4.1	0.7	<0.5	6.4	28	<0.1	0.1	<0.1	93	0.52	0.177
B07	Soil	0.9	23.3	6.9	108	<0.1	28.9	16.3	869	5.08	7.0	0.7	<0.5	6.4	22	0.2	0.3	0.1	90	0.31	0.175
B08	Soil	0.6	27.8	4.4	70	<0.1	28.5	19.6	619	4.21	4.1	0.6	<0.5	3.5	29	<0.1	0.1	<0.1	93	0.54	0.184
B10	Soil	0.4	19.4	5.0	95	<0.1	21.8	17.3	829	4.91	3.2	0.8	<0.5	5.9	43	<0.1	0.1	<0.1	78	0.80	0.226
B11	Soil	0.5	29.1	5.8	63	<0.1	20.0	15.2	521	3.82	6.0	1.0	2.3	5.7	30	<0.1	0.3	<0.1	90	0.52	0.132
B12	Soil	0.3	12.2	7.2	81	<0.1	7.5	8.2	447	3.17	3.2	1.8	<0.5	14.2	24	<0.1	0.1	<0.1	49	0.60	0.126
B13	Soil	0.2	19.9	4.1	91	<0.1	15.7	14.1	573	3.90	2.4	1.6	<0.5	12.9	35	<0.1	0.1	<0.1	69	0.70	0.188
B14	Soil	0.8	27.8	7.0	85	<0.1	25.6	13.8	463	3.90	6.1	0.7	0.7	6.8	20	0.1	0.4	0.1	78	0.33	0.100
B15	Soil	0.5	21.2	6.7	91	<0.1	34.2	15.4	752	4.23	5.5	1.9	1.3	8.3	39	<0.1	0.3	0.1	73	0.69	0.191
B16	Soil	0.8	19.5	5.3	108	<0.1	12.8	14.2	943	5.32	6.3	1.9	1.0	12.8	35	<0.1	0.4	<0.1	71	0.69	0.228
B17	Soil	0.3	25.9	6.5	59	<0.1	25.5	11.5	434	2.98	4.3	1.9	1.1	5.3	37	<0.1	0.2	0.1	60	0.77	0.150
B18	Soil	0.2	27.8	3.7	30	<0.1	85.2	16.0	238	2.08	2.9	0.3	<0.5	1.5	58	<0.1	<0.1	<0.1	39	0.48	0.051
B19	Soil	0.7	19.5	5.6	96	<0.1	41.4	16.7	572	4.39	6.1	0.4	2.2	1.9	22	0.1	0.3	0.1	69	0.40	0.213
B20	Soil	0.4	8.5	14.0	56	<0.1	10.9	7.4	433	2.72	5.2	2.9	<0.5	33.7	22	<0.1	0.3	0.1	40	0.28	0.091

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
R65	Soil	12	55	1.04	237	0.227	<1	2.93	0.005	0.93	0.1	<0.01	4.2	0.6	<0.05	9	<0.5	<0.2
R66	Soil	11	55	1.90	159	0.158	<1	3.02	0.011	0.21	<0.1	<0.01	2.5	0.2	<0.05	13	<0.5	<0.2
R67	Soil	12	10	1.61	356	0.311	<1	3.61	0.016	0.61	<0.1	<0.01	2.8	0.2	<0.05	13	<0.5	<0.2
R68	Soil	39	13	1.73	351	0.142	<1	3.10	0.031	0.44	0.1	<0.01	5.8	0.2	<0.05	13	<0.5	<0.2
R69	Soil	11	12	1.60	384	0.267	<1	3.66	0.013	1.11	0.1	<0.01	4.5	0.5	<0.05	15	<0.5	<0.2
R70	Soil	38	26	0.65	179	0.136	<1	2.25	0.025	0.30	0.2	<0.01	4.7	0.3	<0.05	7	<0.5	<0.2
R71	Soil	82	25	0.83	183	0.168	<1	2.05	0.012	0.38	0.1	<0.01	3.7	0.3	<0.05	7	<0.5	0.2
R72	Soil	14	8	1.39	356	0.300	<1	3.11	0.033	1.20	<0.1	<0.01	2.6	0.5	<0.05	12	<0.5	<0.2
R73	Soil	58	22	0.54	230	0.114	<1	1.66	0.019	0.36	0.2	0.01	4.2	0.2	0.05	7	<0.5	<0.2
R74	Soil	10	28	0.66	232	0.113	<1	2.50	0.018	0.27	<0.1	<0.01	3.5	0.3	<0.05	8	<0.5	0.2
R75	Soil	16	25	0.81	161	0.164	<1	1.98	0.017	0.19	0.1	<0.01	4.1	0.1	<0.05	6	<0.5	<0.2
B01	Soil	60	71	1.36	149	0.166	<1	2.91	0.011	0.42	0.1	<0.01	5.0	0.3	<0.05	13	<0.5	0.2
B02	Soil	13	81	1.67	202	0.317	<1	3.53	0.010	1.63	<0.1	<0.01	6.6	0.8	0.05	13	<0.5	<0.2
B03	Soil	10	65	0.97	141	0.126	<1	2.45	0.008	0.48	<0.1	<0.01	3.7	0.3	<0.05	9	<0.5	<0.2
B04	Soil	19	73	1.66	285	0.234	<1	3.14	0.010	0.83	0.2	<0.01	7.2	0.4	0.06	13	<0.5	<0.2
B05	Soil	22	80	2.39	166	0.241	<1	3.84	0.009	1.34	0.1	<0.01	5.6	0.5	<0.05	17	<0.5	<0.2
B06	Soil	25	69	2.19	135	0.237	<1	2.97	0.013	0.71	0.1	<0.01	3.4	0.2	<0.05	13	<0.5	<0.2
B07	Soil	14	33	1.50	166	0.146	<1	2.81	0.011	0.62	0.1	<0.01	5.3	0.3	<0.05	14	<0.5	<0.2
B08	Soil	11	38	1.64	231	0.197	<1	2.77	0.015	0.70	0.1	<0.01	2.7	0.3	<0.05	10	<0.5	<0.2
B10	Soil	15	27	1.58	234	0.225	<1	3.06	0.020	1.04	0.1	<0.01	3.5	0.4	<0.05	12	<0.5	<0.2
B11	Soil	18	32	1.12	225	0.146	<1	2.22	0.019	0.52	0.2	<0.01	4.0	0.2	<0.05	8	<0.5	<0.2
B12	Soil	30	14	0.70	137	0.147	<1	2.09	0.021	0.73	<0.1	<0.01	3.0	0.4	<0.05	10	0.6	<0.2
B13	Soil	29	23	1.25	181	0.173	<1	2.58	0.011	0.79	0.1	<0.01	3.6	0.4	<0.05	10	<0.5	<0.2
B14	Soil	13	37	1.15	145	0.165	<1	2.55	0.012	0.53	0.2	<0.01	3.7	0.4	<0.05	10	<0.5	<0.2
B15	Soil	31	51	1.50	216	0.174	<1	2.42	0.017	0.44	0.2	0.01	4.8	0.4	<0.05	11	0.6	<0.2
B16	Soil	31	15	1.26	222	0.222	<1	2.99	0.013	0.91	0.3	<0.01	3.7	0.5	<0.05	13	<0.5	<0.2
B17	Soil	16	31	1.26	326	0.118	<1	2.30	0.021	0.31	0.1	0.01	3.9	0.2	<0.05	8	<0.5	<0.2
B18	Soil	14	59	1.62	158	0.124	<1	2.74	0.024	0.21	0.1	<0.01	1.1	0.1	<0.05	5	<0.5	<0.2
B19	Soil	8	57	1.30	267	0.226	<1	2.47	0.013	0.49	0.1	<0.01	2.8	0.2	<0.05	11	<0.5	<0.2
B20	Soil	20	16	0.55	120	0.062	<1	1.56	0.013	0.13	<0.1	<0.01	1.7	<0.1	<0.05	7	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
B21	Soil	2.4	12.3	13.9	72	<0.1	8.8	4.4	231	2.76	8.3	3.1	1.3	18.3	12	<0.1	0.5	0.3	29	0.11	0.021
B22	Soil	1.0	16.1	10.8	102	0.2	15.3	6.8	311	3.11	7.9	1.7	<0.5	15.9	9	0.2	0.4	0.6	43	0.08	0.033
B23	Soil	4.5	12.9	14.3	76	0.3	4.2	2.0	142	2.29	15.8	4.9	<0.5	13.3	8	0.2	0.5	0.4	21	0.08	0.022
B24	Soil	0.7	10.6	9.0	69	<0.1	9.6	5.0	277	2.81	5.6	1.8	<0.5	13.6	8	<0.1	0.2	0.2	27	0.07	0.021
B25	Soil	0.6	14.7	11.5	100	<0.1	15.7	8.7	466	4.27	17.8	3.1	<0.5	24.3	13	<0.1	0.2	0.2	52	0.15	0.115
B26	Soil	0.4	13.6	13.1	61	<0.1	9.5	7.3	222	2.96	10.1	1.2	0.6	15.3	19	<0.1	0.3	0.1	27	0.23	0.050
B27	Soil	0.4	14.2	9.1	70	<0.1	12.9	7.7	327	3.51	4.8	1.9	1.4	18.7	12	<0.1	0.3	0.4	50	0.22	0.080
B28	Soil	0.5	27.5	4.2	88	<0.1	21.2	20.8	444	5.35	1.8	0.7	<0.5	6.5	20	<0.1	0.2	<0.1	131	0.62	0.228
B29	Soil	8.3	11.9	8.2	60	<0.1	8.9	4.2	116	2.47	3.6	3.7	1.3	21.0	9	<0.1	0.3	0.3	22	0.08	0.018
B30	Soil	3.4	30.0	8.6	80	<0.1	32.2	15.0	500	4.58	4.1	1.6	<0.5	17.3	12	<0.1	0.2	0.1	70	0.14	0.032
B31	Soil	1.5	29.3	3.4	100	<0.1	33.6	22.4	845	6.36	4.9	0.7	<0.5	3.4	28	<0.1	0.2	<0.1	88	0.80	0.321
B32	Soil	0.7	26.0	5.6	56	<0.1	46.7	15.7	325	2.92	8.0	0.4	1.3	3.4	13	<0.1	0.5	0.1	59	0.23	0.044
B33	Soil	0.5	23.2	6.3	54	<0.1	21.1	10.1	346	2.78	7.3	1.8	2.0	8.2	23	<0.1	0.4	0.1	54	0.27	0.053
B34	Soil	0.5	21.8	4.7	99	<0.1	28.9	18.3	711	4.55	4.6	1.3	0.7	10.0	23	<0.1	0.3	<0.1	84	0.41	0.132
B35	Soil	1.0	20.6	5.0	76	<0.1	28.6	16.2	654	3.97	4.6	0.9	0.5	4.8	26	<0.1	0.2	<0.1	76	0.41	0.146
B37	Soil	0.3	27.2	5.0	91	<0.1	35.8	21.0	671	5.48	3.4	0.6	0.6	3.5	26	<0.1	0.1	<0.1	79	0.62	0.234
B39	Soil	1.4	15.9	7.6	59	<0.1	23.3	18.2	412	3.15	6.1	0.5	<0.5	2.8	15	<0.1	0.3	0.4	77	0.20	0.047
B41	Soil	0.5	8.2	4.4	39	<0.1	24.7	12.9	319	2.92	3.1	1.5	5.2	17.4	19	<0.1	0.2	0.1	61	0.32	0.066
B42	Soil	0.2	9.3	1.8	26	<0.1	19.3	12.6	245	2.46	1.3	0.6	<0.5	5.2	17	<0.1	<0.1	<0.1	49	0.51	0.057
B43	Soil	0.2	6.0	2.3	33	<0.1	23.6	13.4	287	3.30	3.4	0.9	<0.5	5.4	21	<0.1	0.2	<0.1	65	0.62	0.156
B46	Soil	1.0	15.0	8.6	50	<0.1	22.3	10.8	284	2.80	13.0	0.6	1.7	4.9	13	<0.1	0.6	0.2	63	0.14	0.034
B47	Soil	1.8	5.4	4.2	20	<0.1	6.7	3.8	100	2.21	5.1	2.4	<0.5	12.7	7	<0.1	0.3	0.2	17	0.08	0.013
B48	Soil	1.6	12.1	5.1	39	<0.1	9.5	12.4	481	3.32	5.1	3.2	1.2	13.5	19	<0.1	0.3	0.2	59	0.27	0.036
B50	Soil	0.8	11.7	14.6	102	0.1	26.9	17.9	946	4.75	1.8	1.2	1.4	11.6	19	0.1	0.1	0.3	90	0.55	0.090
B51	Soil	0.7	18.4	5.5	74	<0.1	35.2	13.6	685	3.82	4.7	1.3	2.7	12.2	18	<0.1	0.2	0.2	71	0.40	0.042
B52	Soil	0.8	11.1	9.0	46	<0.1	13.8	7.1	314	2.47	7.2	0.5	1.2	4.0	14	<0.1	0.3	0.2	52	0.20	0.041
B53	Soil	0.3	31.5	10.1	92	<0.1	60.3	20.0	639	4.43	1.2	0.8	0.7	5.3	20	<0.1	<0.1	0.1	96	0.51	0.097
B54	Soil	0.3	14.7	4.6	64	<0.1	35.9	15.2	365	3.30	2.4	0.5	<0.5	2.3	13	<0.1	<0.1	<0.1	76	0.50	0.065
B55	Soil	0.7	21.3	16.5	74	<0.1	37.5	15.7	1098	4.25	5.4	1.5	1.4	9.3	21	<0.1	0.3	0.3	67	0.33	0.024
B56	Soil	0.8	37.9	8.7	53	<0.1	25.2	12.1	415	3.17	7.3	0.9	1.5	8.5	17	<0.1	0.5	0.2	64	0.18	0.023

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
B21	Soil	13	14	0.25	108	0.031	<1	1.44	0.007	0.17	0.3	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
B22	Soil	7	18	0.31	143	0.069	<1	2.04	0.011	0.22	0.2	0.01	2.3	0.4	<0.05	8	<0.5	<0.2
B23	Soil	14	8	0.14	82	0.020	<1	1.08	0.005	0.14	0.2	0.01	1.2	0.4	<0.05	6	<0.5	<0.2
B24	Soil	13	13	0.35	115	0.080	<1	1.76	0.008	0.42	0.2	<0.01	2.8	0.5	<0.05	7	<0.5	<0.2
B25	Soil	63	20	0.73	206	0.152	<1	2.46	0.009	0.82	0.3	<0.01	5.4	0.8	<0.05	13	0.5	<0.2
B26	Soil	44	13	0.42	191	0.035	<1	1.53	0.006	0.35	0.1	<0.01	4.9	0.3	<0.05	6	0.5	<0.2
B27	Soil	43	23	0.62	190	0.120	1	2.00	0.008	0.68	0.3	<0.01	5.5	0.4	<0.05	10	0.6	<0.2
B28	Soil	18	41	1.49	551	0.191	<1	3.12	0.013	1.27	0.2	0.01	5.5	0.4	<0.05	12	<0.5	<0.2
B29	Soil	17	22	0.23	123	0.024	<1	1.44	0.007	0.12	0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
B30	Soil	16	65	1.31	186	0.216	<1	3.47	0.009	1.03	0.2	<0.01	4.6	0.8	<0.05	11	<0.5	<0.2
B31	Soil	13	35	2.02	357	0.248	<1	3.59	0.012	1.37	0.1	<0.01	2.8	0.3	<0.05	13	<0.5	<0.2
B32	Soil	8	71	1.06	152	0.140	1	2.20	0.012	0.26	0.1	<0.01	2.3	0.1	<0.05	5	0.5	<0.2
B33	Soil	31	28	0.74	205	0.115	2	1.62	0.016	0.22	0.1	0.01	3.4	0.1	<0.05	5	<0.5	0.3
B34	Soil	36	30	1.81	342	0.243	<1	3.20	0.016	1.18	<0.1	<0.01	2.8	0.4	<0.05	11	<0.5	<0.2
B35	Soil	12	34	1.35	270	0.235	<1	2.38	0.014	0.66	0.1	<0.01	2.1	0.2	<0.05	9	<0.5	<0.2
B37	Soil	11	20	1.66	250	0.229	<1	3.26	0.014	0.69	0.1	<0.01	1.9	0.1	<0.05	12	<0.5	<0.2
B39	Soil	6	53	1.85	177	0.157	<1	2.85	0.010	0.58	0.2	<0.01	3.3	0.3	<0.05	8	<0.5	<0.2
B41	Soil	60	48	1.37	608	0.163	<1	2.43	0.015	0.66	0.1	<0.01	3.3	0.2	<0.05	8	<0.5	<0.2
B42	Soil	20	90	1.27	457	0.168	<1	1.77	0.032	0.43	0.2	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
B43	Soil	14	43	1.30	593	0.190	1	2.24	0.021	0.83	0.2	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
B46	Soil	15	30	0.46	327	0.064	1	2.33	0.009	0.07	0.2	0.01	2.4	<0.1	<0.05	6	<0.5	0.3
B47	Soil	7	16	0.36	65	0.028	<1	1.79	0.008	0.07	0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
B48	Soil	9	18	0.73	129	0.084	<1	1.96	0.018	0.06	0.2	0.01	3.8	<0.1	<0.05	9	<0.5	0.2
B50	Soil	31	50	1.92	1471	0.232	<1	2.86	0.015	1.31	0.2	0.03	7.7	0.5	<0.05	9	0.7	<0.2
B51	Soil	131	67	1.51	823	0.156	1	2.46	0.014	0.49	0.2	0.02	7.1	0.3	<0.05	8	0.7	<0.2
B52	Soil	12	26	0.54	205	0.068	1	1.50	0.011	0.09	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
B53	Soil	14	130	2.03	1371	0.151	<1	2.99	0.014	0.83	0.1	0.01	6.7	0.3	<0.05	9	<0.5	<0.2
B54	Soil	7	93	1.64	476	0.172	<1	2.35	0.020	0.45	0.2	<0.01	3.2	0.1	<0.05	7	<0.5	<0.2
B55	Soil	18	71	0.62	379	0.010	<1	1.84	0.004	0.19	0.1	0.03	7.5	0.2	<0.05	5	0.6	<0.2
B56	Soil	25	48	0.83	311	0.112	1	2.23	0.010	0.17	0.2	0.03	3.0	0.2	<0.05	7	0.6	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
B57	Soil	0.2	17.3	17.5	56	<0.1	15.2	10.2	576	2.61	2.6	0.9	<0.5	11.1	19	<0.1	0.1	0.2	31	0.33	0.037
B58	Soil	0.4	19.7	4.8	105	<0.1	20.7	23.8	735	6.72	2.5	1.1	<0.5	8.7	17	<0.1	0.1	<0.1	118	0.38	0.114
B59	Soil	1.3	34.2	10.9	74	<0.1	34.0	10.9	425	3.39	3.5	1.0	2.1	8.9	8	<0.1	0.3	<0.1	40	0.06	0.022
B60	Soil	1.6	29.5	11.9	119	0.1	49.6	18.4	513	3.78	4.1	1.1	<0.5	22.0	10	<0.1	0.2	0.1	45	0.12	0.047
B61	Soil	1.2	53.2	7.4	95	<0.1	46.2	18.2	470	4.42	3.3	1.1	0.8	15.7	7	<0.1	0.2	<0.1	42	0.09	0.017
B62	Soil	2.1	48.5	13.6	102	<0.1	37.8	17.4	408	4.39	14.5	1.2	2.1	11.9	8	<0.1	0.4	<0.1	56	0.05	0.020
B63	Soil	2.0	64.7	10.2	139	0.2	112.6	13.3	423	3.60	6.2	1.0	0.7	4.0	6	0.2	0.2	0.1	156	0.09	0.026
B64	Soil	0.9	41.8	14.0	100	<0.1	51.9	16.2	275	5.06	4.4	1.2	<0.5	21.0	8	<0.1	0.3	<0.1	39	0.08	0.022
B65	Soil	0.8	11.6	9.3	75	<0.1	16.7	9.9	509	3.63	7.5	0.6	1.2	5.2	13	0.1	0.4	0.1	64	0.19	0.075
B66	Soil	0.2	20.6	7.1	86	<0.1	9.9	17.4	586	4.99	2.4	1.1	1.1	4.2	50	<0.1	0.1	<0.1	82	1.09	0.189
B67	Soil	0.3	30.8	3.1	71	<0.1	48.1	18.2	676	4.20	3.4	1.3	0.8	8.1	30	<0.1	0.2	<0.1	76	0.65	0.178

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
B57	Soil	25	33	0.75	136	0.090	<1	1.78	0.005	0.51	<0.1	0.01	3.7	0.5	<0.05	7	<0.5	<0.2
B58	Soil	27	47	1.61	268	0.247	<1	3.71	0.012	1.36	0.3	<0.01	6.7	0.8	<0.05	13	0.7	<0.2
B59	Soil	21	27	0.36	161	0.047	<1	1.37	0.006	0.18	<0.1	0.02	3.8	0.2	<0.05	5	0.6	<0.2
B60	Soil	88	36	0.99	158	0.085	<1	2.44	0.008	0.51	<0.1	<0.01	2.8	0.3	<0.05	8	0.6	<0.2
B61	Soil	41	39	0.85	166	0.065	<1	2.42	0.007	0.23	<0.1	<0.01	4.1	0.2	<0.05	7	0.7	<0.2
B62	Soil	24	43	0.60	142	0.082	1	1.70	0.005	0.41	<0.1	0.01	5.1	0.4	<0.05	6	0.8	<0.2
B63	Soil	16	174	1.99	464	0.168	<1	3.22	0.008	0.39	<0.1	<0.01	7.0	0.3	<0.05	9	1.2	<0.2
B64	Soil	31	40	1.12	102	0.073	<1	3.13	0.008	0.49	<0.1	<0.01	4.2	0.4	<0.05	8	0.7	<0.2
B65	Soil	14	26	0.66	189	0.148	1	2.24	0.019	0.21	0.1	0.01	3.1	0.2	<0.05	10	<0.5	<0.2
B66	Soil	42	20	1.21	154	0.194	<1	2.81	0.035	0.05	<0.1	<0.01	6.9	<0.1	<0.05	15	0.5	<0.2
B67	Soil	20	56	1.82	180	0.260	<1	3.13	0.020	0.79	<0.1	<0.01	3.9	0.4	<0.05	11	<0.5	<0.2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT VAN10003145.1

	Method	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**
	Analyte	**Mo**	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**U**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**
	Unit	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**
	MDL	**0.1**	**0.1**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.5**	**0.1**	**0.5**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**
Pulp Duplicates																					
R02	Soil	0.5	21.3	4.2	73	<0.1	41.5	19.0	751	4.85	2.6	0.7	<0.5	5.1	23	<0.1	0.1	<0.1	85	0.58	0.173
REP R02	QC	0.5	21.5	4.3	78	<0.1	40.5	18.7	742	4.90	3.0	0.7	<0.5	5.1	24	<0.1	0.1	<0.1	86	0.58	0.177
R08	Soil	0.6	11.3	5.6	58	0.1	19.7	9.3	378	2.81	3.8	0.7	1.3	3.7	20	<0.1	0.2	<0.1	55	0.35	0.089
REP R08	QC	0.6	11.6	5.6	55	0.1	19.1	9.0	384	2.80	4.0	0.7	2.0	3.6	21	<0.1	0.1	<0.1	59	0.36	0.093
R26	Soil	0.5	13.9	7.4	83	<0.1	15.1	9.6	321	4.00	6.2	1.4	1.6	13.3	11	<0.1	0.3	<0.1	52	0.14	0.049
REP R26	QC	0.5	13.0	7.3	84	<0.1	15.4	9.9	338	4.04	6.1	1.5	1.2	13.1	11	<0.1	0.3	<0.1	55	0.15	0.049
R46	Soil	0.8	33.8	9.9	60	<0.1	97.6	18.7	471	4.38	2.8	1.1	0.5	11.3	26	<0.1	0.2	0.5	77	0.33	0.022
REP R46	QC	0.9	35.2	10.3	58	<0.1	107.3	20.0	462	4.61	2.3	1.2	<0.5	11.4	27	<0.1	0.2	0.5	81	0.35	0.022
R72	Soil	0.4	14.2	3.2	89	<0.1	4.7	14.5	899	5.21	4.1	0.5	<0.5	2.1	50	<0.1	0.2	<0.1	93	0.87	0.234
REP R72	QC	0.5	14.5	2.9	94	<0.1	4.7	15.4	907	5.50	2.9	0.5	<0.5	2.2	51	<0.1	0.2	<0.1	111	0.83	0.240
B13	Soil	0.2	19.9	4.1	91	<0.1	15.7	14.1	573	3.90	2.4	1.6	<0.5	12.9	35	<0.1	0.1	<0.1	69	0.70	0.188
REP B13	QC	0.2	20.7	4.3	89	<0.1	16.4	14.4	596	3.93	2.3	1.6	<0.5	12.7	34	<0.1	<0.1	<0.1	69	0.74	0.182
B24	Soil	0.7	10.6	9.0	69	<0.1	9.6	5.0	277	2.81	5.6	1.8	<0.5	13.6	8	<0.1	0.2	0.2	27	0.07	0.021
REP B24	QC	0.7	10.4	9.1	69	<0.1	8.5	4.8	274	2.78	5.4	1.8	0.6	13.1	8	<0.1	0.2	0.2	29	0.08	0.020
B51	Soil	0.7	18.4	5.5	74	<0.1	35.2	13.6	685	3.82	4.7	1.3	2.7	12.2	18	<0.1	0.2	0.2	71	0.40	0.042
REP B51	QC	0.6	18.3	5.5	74	<0.1	36.5	15.1	717	3.96	4.9	1.2	0.5	11.5	17	<0.1	0.2	0.2	76	0.40	0.041
Reference Materials																					
STD DS7	Standard	21.1	104.7	61.0	382	1.0	53.9	9.3	632	2.42	48.9	4.4	64.2	4.2	72	6.0	5.7	4.2	79	0.96	0.081
STD DS7	Standard	21.9	115.2	69.7	423	0.9	53.5	9.5	630	2.48	58.6	5.0	69.9	5.0	75	7.0	6.2	5.2	89	0.99	0.089
STD DS7	Standard	20.4	98.9	59.2	373	1.0	52.8	9.6	602	2.31	48.8	3.8	71.0	3.7	63	5.3	5.4	3.9	82	0.93	0.078
STD DS7	Standard	21.9	113.1	75.1	407	1.0	58.6	9.4	662	2.63	54.3	5.3	75.5	4.9	83	6.1	6.5	5.0	93	0.93	0.076
STD DS7	Standard	23.1	117.9	72.1	406	1.0	58.4	9.9	644	2.46	52.5	5.3	75.3	4.8	72	6.0	5.9	4.2	89	0.97	0.076
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 27, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT VAN10003145.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
R02	Soil	20	43	1.55	189	0.188	<1	2.70	0.014	0.85	<0.1	<0.01	3.8	0.2	<0.05	12	<0.5	<0.2
REP R02	QC	20	44	1.57	192	0.200	<1	2.74	0.014	0.86	0.1	<0.01	3.9	0.2	<0.05	12	<0.5	<0.2
R08	Soil	12	27	0.87	105	0.125	<1	1.69	0.015	0.23	0.2	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
REP R08	QC	12	29	0.86	107	0.130	<1	1.72	0.014	0.24	0.2	0.01	2.3	0.1	<0.05	8	<0.5	<0.2
R26	Soil	32	25	0.68	183	0.153	<1	2.18	0.010	0.73	0.1	<0.01	3.1	0.5	<0.05	10	<0.5	<0.2
REP R26	QC	32	25	0.69	184	0.155	<1	2.33	0.009	0.77	0.1	<0.01	3.4	0.5	<0.05	10	<0.5	<0.2
R46	Soil	45	171	2.35	716	0.113	<1	3.43	0.008	0.27	0.1	0.03	6.0	0.2	<0.05	10	<0.5	0.2
REP R46	QC	46	180	2.30	706	0.115	2	3.27	0.010	0.26	0.1	0.05	5.8	0.2	<0.05	10	<0.5	0.4
R72	Soil	14	8	1.39	356	0.300	<1	3.11	0.033	1.20	<0.1	<0.01	2.6	0.5	<0.05	12	<0.5	<0.2
REP R72	QC	15	7	1.49	362	0.300	<1	3.25	0.032	1.12	<0.1	<0.01	2.6	0.5	<0.05	12	<0.5	<0.2
B13	Soil	29	23	1.25	181	0.173	<1	2.58	0.011	0.79	0.1	<0.01	3.6	0.4	<0.05	10	<0.5	<0.2
REP B13	QC	28	25	1.23	176	0.177	<1	2.54	0.011	0.77	0.1	<0.01	3.7	0.4	<0.05	11	<0.5	<0.2
B24	Soil	13	13	0.35	115	0.080	<1	1.76	0.008	0.42	0.2	<0.01	2.8	0.5	<0.05	7	<0.5	<0.2
REP B24	QC	13	13	0.34	109	0.074	<1	1.71	0.008	0.43	0.2	<0.01	2.7	0.5	<0.05	7	<0.5	<0.2
B51	Soil	131	67	1.51	823	0.156	1	2.46	0.014	0.49	0.2	0.02	7.1	0.3	<0.05	8	0.7	<0.2
REP B51	QC	135	65	1.57	838	0.159	<1	2.49	0.012	0.53	0.1	0.02	7.8	0.4	<0.05	9	0.7	<0.2
Reference Materials																		
STD DS7	Standard	12	183	1.07	385	0.123	37	1.04	0.104	0.51	4.2	0.21	2.5	4.3	0.14	5	3.1	0.8
STD DS7	Standard	13	188	1.09	413	0.127	43	1.18	0.113	0.49	4.1	0.22	2.5	4.4	0.23	5	3.1	1.2
STD DS7	Standard	11	185	1.02	391	0.108	35	0.96	0.084	0.46	3.9	0.22	2.4	3.8	0.18	5	3.2	1.2
STD DS7	Standard	13	200	1.10	429	0.142	40	1.08	0.108	0.51	4.0	0.23	2.8	4.2	0.27	5	3.1	1.6
STD DS7	Standard	13	211	1.09	405	0.132	39	1.06	0.097	0.49	3.8	0.22	2.5	4.2	0.20	5	3.5	1.4
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: July 08, 2010
Report Date: July 27, 2010
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN10003147.1

CLIENT JOB INFORMATION

Project: ALBERTA CK
Shipment ID:
P.O. Number
Number of Samples: 204

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	204	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	204	Dry at 60C			VAN
RJSV	204	Saving all or part of Soil Reject			VAN
1DX2	203	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
A001	Soil	0.7	39.0	7.9	67	<0.1	23.3	15.2	557	3.40	8.6	0.9	2.1	4.8	20	0.2	0.5	0.1	76	0.16	0.040
A002	Soil	0.5	28.3	3.5	88	<0.1	7.7	9.6	566	3.77	5.2	0.3	0.8	2.6	54	0.2	0.2	<0.1	82	0.76	0.255
A003	Soil	0.3	7.1	4.6	77	<0.1	7.8	11.9	805	3.88	4.1	0.5	1.4	3.5	55	0.1	0.2	<0.1	100	0.88	0.266
A004	Soil	0.8	5.6	8.0	79	<0.1	8.3	9.6	606	4.25	5.9	0.4	1.3	2.3	82	0.1	0.3	<0.1	108	0.39	0.091
A005	Soil	0.4	22.0	6.3	62	<0.1	18.6	10.1	863	3.24	7.2	0.5	2.3	4.2	41	<0.1	0.4	<0.1	69	0.62	0.107
A006	Soil	0.3	12.3	8.2	91	<0.1	22.4	15.6	1110	6.31	2.1	1.0	<0.5	5.5	107	<0.1	0.3	<0.1	152	0.96	0.177
A007	Soil	0.3	14.6	5.3	66	<0.1	15.9	10.2	867	3.80	3.5	0.9	1.5	4.3	119	<0.1	0.2	<0.1	89	0.90	0.092
A008	Soil	1.1	33.8	8.7	68	<0.1	29.2	12.4	478	3.27	10.7	1.2	2.0	5.2	26	<0.1	0.6	0.1	69	0.29	0.046
A009	Soil	<0.1	3.7	1.4	42	<0.1	8.2	1.4	289	0.62	2.0	0.1	<0.5	0.4	10	<0.1	<0.1	<0.1	54	0.75	0.031
A010	Soil	1.2	10.4	9.7	65	<0.1	14.9	9.6	292	3.12	10.7	0.3	1.1	2.1	18	0.2	0.5	0.2	82	0.33	0.031
A011	Soil	0.4	19.2	8.7	53	<0.1	20.1	8.6	480	2.15	6.7	0.4	2.0	2.4	51	0.3	0.2	<0.1	50	4.00	0.054
A012	Soil	0.5	35.4	8.7	64	0.1	30.3	12.0	528	2.67	10.8	0.5	3.0	2.6	34	0.2	0.5	0.2	59	1.03	0.064
A013	Soil	0.5	55.9	7.9	57	<0.1	21.4	9.3	429	2.44	7.7	0.5	2.8	2.1	67	0.2	0.4	0.1	56	3.60	0.065
A014	Soil	0.3	11.2	7.9	32	<0.1	14.6	5.8	366	1.41	5.7	0.5	1.6	1.0	67	0.3	0.2	<0.1	33	6.24	0.071
A015	Soil	0.2	4.1	3.1	17	<0.1	5.3	1.6	234	0.51	3.4	0.7	<0.5	0.6	112	0.3	<0.1	<0.1	20	14.35	0.030
A016	Soil	0.3	16.8	4.0	27	<0.1	10.4	3.5	247	0.95	3.3	0.5	0.9	0.7	87	0.4	<0.1	<0.1	28	10.00	0.081
A017	Soil	0.2	26.8	5.6	38	<0.1	19.9	4.6	753	1.67	3.1	1.1	1.0	2.8	55	0.1	<0.1	<0.1	40	5.43	0.066
A018	Soil	0.2	49.8	6.6	53	<0.1	107.0	20.7	476	3.33	5.4	0.6	1.2	4.8	89	0.1	0.2	0.1	85	2.76	0.300
A019	Soil	0.3	12.4	8.8	51	<0.1	22.6	9.1	384	2.63	8.5	0.7	1.9	4.1	31	<0.1	0.2	0.1	64	0.68	0.071
A020	Soil	0.5	90.9	8.5	78	<0.1	19.5	11.3	872	4.80	5.1	1.1	1.5	4.1	28	<0.1	0.4	0.3	127	0.51	0.141
A021	Soil	0.5	7.9	6.0	59	<0.1	11.9	7.8	668	2.73	4.9	0.7	4.5	7.2	21	<0.1	0.4	<0.1	41	0.47	0.091
A022	Soil	0.5	9.3	6.4	67	<0.1	9.7	9.6	409	3.39	4.9	0.4	61.0	2.2	19	<0.1	0.4	<0.1	52	0.24	0.061
A023	Soil	0.9	12.1	7.8	90	<0.1	15.9	13.6	613	3.86	9.7	0.3	0.8	2.1	21	<0.1	0.5	0.1	84	0.29	0.076
A024	Soil	0.7	9.2	9.2	80	<0.1	9.1	9.9	398	4.16	7.9	2.6	1.8	4.6	19	<0.1	2.0	<0.1	62	0.28	0.067
A025	Soil	0.7	13.2	6.9	86	<0.1	15.4	14.6	674	3.73	8.8	0.5	1.3	2.7	27	<0.1	0.5	<0.1	84	0.51	0.167
A026	Soil	0.7	9.4	10.5	76	<0.1	9.8	10.5	874	4.00	4.2	1.0	1.5	6.4	37	<0.1	1.4	0.1	51	0.48	0.163
A027	Soil	0.5	10.8	9.3	44	<0.1	27.5	11.3	457	3.19	5.4	0.6	1.2	4.5	18	<0.1	0.8	0.1	43	0.24	0.031
A028	Soil	1.2	17.3	8.2	62	<0.1	19.7	10.8	500	3.53	7.8	0.9	0.9	4.0	24	<0.1	1.0	0.1	64	0.33	0.080
A029	Soil	0.7	12.2	5.4	83	<0.1	14.2	15.8	630	4.52	5.3	0.6	2.0	3.0	44	<0.1	0.7	<0.1	84	0.56	0.131
A030	Soil	0.6	14.5	5.6	71	<0.1	14.3	11.9	410	3.12	5.3	0.5	<0.5	3.2	36	<0.1	0.4	0.1	75	0.58	0.137

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
A001	Soil		10	35	0.83	259	0.123	1	2.52	0.019	0.24	<0.1	0.04	4.9	0.1	<0.05	7	<0.5	<0.2
A002	Soil		8	15	0.90	108	0.145	<1	2.77	0.037	0.12	<0.1	<0.01	2.5	<0.1	<0.05	8	<0.5	0.2
A003	Soil		12	14	0.80	174	0.081	<1	2.14	0.036	0.07	<0.1	<0.01	6.5	<0.1	<0.05	8	<0.5	<0.2
A004	Soil		6	16	0.71	100	0.106	<1	2.27	0.033	0.06	<0.1	<0.01	2.7	<0.1	<0.05	11	<0.5	<0.2
A005	Soil		14	24	0.76	281	0.037	2	1.76	0.019	0.06	0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
A006	Soil		25	28	1.41	546	0.114	1	3.23	0.014	0.10	0.2	0.01	10.0	<0.1	<0.05	12	<0.5	<0.2
A007	Soil		16	28	0.92	184	0.112	1	2.70	0.013	0.07	0.2	0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
A008	Soil		18	36	0.75	338	0.084	2	2.03	0.019	0.06	0.1	0.02	7.2	<0.1	<0.05	6	<0.5	<0.2
A009	Soil		1	16	3.86	97	0.044	<1	1.87	0.008	0.17	<0.1	<0.01	0.5	0.1	<0.05	5	<0.5	<0.2
A010	Soil		7	28	1.17	152	0.056	2	2.04	0.012	0.07	0.1	0.02	3.4	<0.1	<0.05	9	<0.5	<0.2
A011	Soil		10	25	3.47	145	0.063	2	1.87	0.018	0.05	<0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
A012	Soil		13	34	1.59	228	0.081	2	1.64	0.032	0.08	0.1	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
A013	Soil		11	30	2.86	195	0.067	3	1.90	0.021	0.07	<0.1	0.03	4.0	<0.1	0.05	6	<0.5	<0.2
A014	Soil		7	21	3.70	123	0.035	2	1.22	0.016	0.04	0.1	0.03	2.3	<0.1	0.08	4	<0.5	<0.2
A015	Soil		3	17	8.47	44	0.016	1	0.94	0.007	0.02	<0.1	<0.01	1.2	<0.1	0.12	3	<0.5	<0.2
A016	Soil		5	37	7.60	59	0.038	2	1.36	0.012	0.02	<0.1	0.01	1.9	<0.1	0.08	3	<0.5	<0.2
A017	Soil		22	34	5.93	171	0.070	2	2.24	0.008	0.02	<0.1	0.03	3.9	<0.1	0.09	5	<0.5	<0.2
A018	Soil		29	190	4.40	1112	0.188	2	2.42	0.022	0.30	0.1	0.03	6.7	0.2	0.06	8	<0.5	<0.2
A019	Soil		13	27	1.40	186	0.112	2	1.78	0.025	0.08	0.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
A020	Soil		17	28	1.19	494	0.022	<1	2.75	0.012	0.13	0.1	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
A021	Soil		20	15	0.55	552	0.018	1	1.50	0.011	0.11	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
A022	Soil		7	16	0.77	262	0.017	1	2.29	0.008	0.09	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
A023	Soil		5	27	0.98	220	0.154	2	2.59	0.017	0.10	0.2	<0.01	3.3	<0.1	<0.05	10	<0.5	<0.2
A024	Soil		13	16	0.30	305	0.029	2	1.22	0.010	0.14	0.2	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
A025	Soil		8	25	1.13	253	0.101	2	2.61	0.016	0.15	0.1	0.02	4.8	<0.1	<0.05	9	<0.5	<0.2
A026	Soil		42	12	0.26	1353	0.012	3	1.51	0.007	0.18	<0.1	0.01	7.2	0.1	<0.05	5	<0.5	<0.2
A027	Soil		19	20	0.23	933	0.010	3	1.31	0.009	0.11	0.2	<0.01	4.8	<0.1	<0.05	3	<0.5	<0.2
A028	Soil		13	28	0.40	586	0.029	2	1.89	0.015	0.09	0.1	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
A029	Soil		13	20	0.77	732	0.024	1	2.38	0.011	0.11	0.2	0.02	8.0	<0.1	<0.05	8	<0.5	<0.2
A030	Soil		13	24	0.78	350	0.088	<1	1.81	0.020	0.08	0.1	0.01	5.0	<0.1	<0.05	7	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
A031	Soil	0.6	11.4	6.3	107	<0.1	10.5	17.2	1061	5.30	6.7	0.6	56.9	1.9	63	0.1	1.1	0.1	119	1.09	0.290
A032	Soil	0.6	17.5	7.3	62	<0.1	15.1	11.1	501	3.18	7.4	1.0	8.2	4.4	33	0.1	0.4	0.1	68	0.55	0.085
A033	Soil	0.4	25.4	4.7	113	<0.1	8.1	13.6	911	5.19	1.9	1.0	15.8	4.3	26	<0.1	0.9	<0.1	73	0.94	0.321
A034	Soil	0.4	18.7	4.9	67	<0.1	15.3	10.4	445	2.92	5.4	0.8	10.9	3.0	31	<0.1	0.4	0.1	62	0.59	0.120
A035	Soil	1.3	20.7	6.3	55	<0.1	25.5	11.1	291	3.10	9.4	0.4	1.4	2.7	34	<0.1	0.4	0.2	75	0.37	0.038
A036	Soil	6.5	85.2	5.2	102	0.3	94.3	31.9	608	6.67	12.4	0.6	0.5	1.7	34	0.2	0.3	0.1	169	0.80	0.084
A037	Soil	0.9	21.2	7.3	43	<0.1	18.1	7.2	431	1.87	7.8	0.4	2.7	1.4	66	0.4	0.6	<0.1	40	7.01	0.043
A038	Soil	0.4	44.4	7.1	56	<0.1	17.8	8.2	392	2.26	5.7	0.3	1.8	2.1	42	0.1	0.2	0.1	56	2.07	0.049
A039	Soil	0.2	42.2	4.3	65	<0.1	11.5	8.5	903	2.90	1.7	0.5	2.0	1.6	38	0.2	0.1	<0.1	64	2.51	0.107
A040	Soil	0.2	18.0	4.5	82	<0.1	78.9	22.4	924	4.88	2.7	0.6	8.3	5.1	53	0.2	0.3	<0.1	132	1.85	0.184
A041	Soil	0.4	20.2	6.4	66	<0.1	24.4	12.9	696	3.42	6.4	0.9	3.0	3.6	32	0.1	0.5	0.1	73	0.88	0.114
A042	Soil	0.4	8.2	4.0	93	<0.1	10.2	17.0	855	4.98	2.6	0.4	26.2	4.0	25	<0.1	0.4	<0.1	106	0.53	0.181
A043	Soil	0.3	7.5	8.1	116	<0.1	11.0	22.7	1242	5.31	5.6	1.0	1.8	8.5	117	<0.1	0.5	<0.1	120	0.72	0.183
A044	Soil	0.9	12.6	7.8	60	<0.1	15.5	11.2	427	3.28	8.4	0.7	8.3	2.7	17	0.1	0.5	0.2	67	0.20	0.076
A045	Soil	0.4	18.1	5.5	74	<0.1	14.3	11.8	603	3.47	3.8	0.9	10.4	4.3	36	<0.1	0.4	<0.1	74	0.48	0.073
A046	Soil	0.5	7.3	5.1	93	<0.1	11.0	17.0	1000	4.67	4.5	0.5	36.2	4.1	18	0.1	0.3	<0.1	99	0.28	0.107
A047	Soil	0.3	10.3	3.5	97	<0.1	11.2	15.9	730	4.25	2.8	0.9	15.5	3.7	29	<0.1	0.4	<0.1	81	0.61	0.151
A048	Soil	0.5	26.3	7.1	69	<0.1	17.4	12.4	460	3.55	6.8	0.8	13.3	4.6	18	<0.1	0.4	0.1	65	0.25	0.081
A049	Soil	0.6	9.9	5.6	76	<0.1	13.2	14.7	463	4.48	5.1	0.7	3.8	2.6	29	<0.1	0.8	<0.1	97	0.45	0.105
A050	Soil	1.9	22.7	15.7	56	<0.1	67.6	15.3	673	3.78	11.3	1.2	17.0	8.9	52	<0.1	0.8	0.2	80	0.48	0.076
A051	Soil	1.7	13.7	10.3	80	<0.1	16.9	13.6	803	4.08	3.9	0.7	33.2	2.0	19	0.1	0.4	0.1	58	0.39	0.128
A052	Soil	1.1	17.7	10.3	64	<0.1	19.5	12.9	366	3.97	5.5	0.8	78.2	3.1	16	<0.1	1.2	0.1	50	0.32	0.090
A053	Soil	1.0	27.5	7.3	85	<0.1	18.2	14.9	910	4.32	4.4	0.9	9.5	2.9	17	<0.1	0.5	<0.1	48	0.31	0.107
A054	Soil	0.9	16.7	11.7	71	<0.1	17.7	14.2	632	4.33	7.0	0.7	2.3	3.5	18	<0.1	0.5	0.2	63	0.21	0.075
A055	Soil	0.3	52.0	8.6	86	<0.1	324.6	46.2	1788	5.84	8.7	1.3	1.3	18.5	445	0.1	0.7	0.3	163	3.73	0.737
A056	Soil	0.6	10.1	5.4	103	<0.1	12.7	17.2	1063	3.85	6.4	0.2	<0.5	1.4	44	0.1	0.4	0.1	87	0.91	0.231
A057	Soil	0.4	14.1	3.2	78	<0.1	15.0	14.2	527	3.71	5.1	0.4	3.9	2.4	31	<0.1	0.3	<0.1	83	0.60	0.156
A058	Soil	1.0	8.3	6.2	78	<0.1	12.1	12.3	531	3.99	7.0	0.5	<0.5	1.3	26	0.1	0.4	0.1	86	0.41	0.099
A059	Soil	0.5	24.7	5.6	85	<0.1	20.2	13.7	719	3.77	5.3	0.5	3.8	2.8	39	0.1	0.5	0.4	82	0.87	0.222
A060	Soil	0.8	40.9	0.7	21	<0.1	58.2	19.1	247	1.88	2.9	0.3	<0.5	0.7	22	<0.1	<0.1	<0.1	45	0.60	0.010

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
A031	Soil		9	15	1.25	419	0.081	2	2.43	0.010	0.11	0.7	0.01	7.6	<0.1	<0.05	12	<0.5	0.2
A032	Soil		24	26	0.69	464	0.046	2	1.82	0.014	0.08	0.2	0.03	5.2	<0.1	<0.05	7	<0.5	<0.2
A033	Soil		26	7	0.80	679	0.042	4	1.52	0.009	0.30	0.6	0.02	8.6	<0.1	<0.05	7	<0.5	<0.2
A034	Soil		15	23	0.70	332	0.061	2	1.48	0.015	0.06	0.2	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
A035	Soil		9	41	0.68	177	0.077	1	2.18	0.014	0.07	0.1	0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
A036	Soil		7	190	1.75	287	0.256	1	2.86	0.013	0.20	0.1	0.01	7.6	<0.1	<0.05	14	0.6	<0.2
A037	Soil		10	21	3.41	122	0.026	2	1.12	0.012	0.04	0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
A038	Soil		10	23	2.30	150	0.062	2	2.14	0.029	0.05	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
A039	Soil		7	17	3.38	147	0.057	2	2.33	0.012	0.06	<0.1	0.01	5.1	<0.1	<0.05	8	<0.5	<0.2
A040	Soil		25	151	3.92	250	0.074	3	3.35	0.008	0.11	<0.1	<0.01	10.3	<0.1	<0.05	14	<0.5	<0.2
A041	Soil		29	36	1.05	348	0.049	3	2.00	0.015	0.05	0.1	0.03	6.1	<0.1	<0.05	8	<0.5	<0.2
A042	Soil		22	16	1.29	188	0.020	1	2.90	0.009	0.09	0.1	<0.01	8.9	<0.1	<0.05	11	<0.5	<0.2
A043	Soil		23	19	1.83	200	0.013	3	3.39	0.006	0.07	0.3	0.01	10.0	<0.1	<0.05	17	<0.5	<0.2
A044	Soil		11	32	0.65	163	0.056	2	2.35	0.010	0.07	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
A045	Soil		23	21	0.96	191	0.071	1	2.22	0.018	0.05	0.1	0.04	7.7	<0.1	<0.05	9	<0.5	<0.2
A046	Soil		11	17	1.17	110	0.025	1	2.84	0.012	0.08	<0.1	0.01	6.4	<0.1	<0.05	11	<0.5	<0.2
A047	Soil		19	16	1.11	499	0.028	1	2.06	0.021	0.11	<0.1	0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
A048	Soil		17	30	0.84	524	0.042	2	2.27	0.008	0.10	0.1	0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
A049	Soil		10	21	0.91	256	0.022	1	2.50	0.015	0.08	<0.1	0.01	7.7	<0.1	<0.05	9	<0.5	<0.2
A050	Soil		44	67	0.42	1746	0.038	2	1.77	0.012	0.06	0.1	0.03	8.9	<0.1	<0.05	5	<0.5	<0.2
A051	Soil		15	19	0.31	644	0.031	1	1.30	0.008	0.15	0.2	0.03	6.4	<0.1	<0.05	4	<0.5	<0.2
A052	Soil		16	22	0.31	692	0.017	2	1.52	0.008	0.12	0.2	0.01	6.0	<0.1	<0.05	4	<0.5	<0.2
A053	Soil		20	22	0.34	669	0.025	1	1.29	0.009	0.13	0.1	0.03	8.6	<0.1	<0.05	4	<0.5	<0.2
A054	Soil		17	26	0.39	426	0.033	1	1.92	0.010	0.10	0.2	0.02	6.0	<0.1	<0.05	5	<0.5	<0.2
A055	Soil		152	298	2.51	3122	0.044	2	2.16	0.035	0.74	0.1	0.02	14.0	0.3	<0.05	11	<0.5	<0.2
A056	Soil		4	16	1.17	273	0.122	2	2.45	0.035	0.14	0.1	<0.01	3.2	<0.1	<0.05	9	<0.5	<0.2
A057	Soil		8	22	1.11	250	0.127	1	2.14	0.022	0.37	0.1	0.01	3.8	0.1	<0.05	8	<0.5	<0.2
A058	Soil		7	20	0.93	336	0.075	1	2.26	0.015	0.22	0.1	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
A059	Soil		13	23	1.12	248	0.085	1	1.79	0.032	0.16	0.2	0.16	5.7	<0.1	<0.05	8	<0.5	0.4
A060	Soil		2	154	1.53	46	0.094	1	1.06	0.026	0.02	<0.1	<0.01	7.7	<0.1	<0.05	3	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
A061	Soil	1.2	30.9	2.8	29	<0.1	40.6	23.7	345	2.91	5.0	0.2	<0.5	1.1	30	<0.1	0.3	<0.1	78	0.72	0.026
A062	Soil	0.7	18.7	4.9	34	<0.1	34.5	16.3	265	2.48	5.2	0.3	<0.5	1.9	18	<0.1	0.3	0.1	66	0.37	0.014
A063	Soil	1.4	135.3	2.9	25	<0.1	41.3	20.8	266	3.05	41.8	0.4	1.0	2.0	18	<0.1	0.3	<0.1	60	0.36	0.023
A064	Soil	0.7	5.5	8.3	73	<0.1	8.8	7.8	637	3.08	4.9	0.9	<0.5	2.9	33	<0.1	0.4	0.1	60	0.29	0.047
A065	Soil	0.6	19.0	5.9	48	<0.1	23.5	8.2	396	2.53	9.8	0.7	0.8	5.1	25	<0.1	0.5	0.1	53	0.35	0.052
A066	Soil	0.6	10.6	6.5	66	<0.1	22.1	10.9	722	3.24	5.6	1.2	2.5	4.4	57	<0.1	0.4	<0.1	66	0.60	0.062
A067	Soil	0.5	13.5	5.9	74	<0.1	20.1	12.4	596	3.39	6.5	0.7	3.2	4.2	50	<0.1	0.4	<0.1	73	0.61	0.081
A068	Soil	0.7	10.5	5.4	88	<0.1	15.1	13.8	632	3.84	5.6	0.6	1.1	2.4	61	<0.1	0.2	<0.1	84	0.70	0.088
A069	Soil	1.5	10.7	4.8	141	<0.1	13.5	19.2	1509	5.35	6.8	1.4	0.8	3.1	64	0.1	0.3	<0.1	126	1.09	0.272
A070	Soil	0.5	14.2	6.9	66	<0.1	24.9	11.6	369	3.54	9.0	0.5	1.3	3.7	35	<0.1	0.4	<0.1	84	0.42	0.083
A071	Soil	0.4	10.4	3.6	103	<0.1	10.0	14.8	845	4.29	4.1	0.4	1.8	1.9	45	<0.1	0.2	<0.1	110	0.86	0.265
A072	Soil	0.9	16.7	8.5	62	<0.1	22.8	9.9	395	3.29	9.2	0.6	2.5	4.3	32	<0.1	0.5	0.1	74	0.48	0.071
A073	Soil	0.6	15.5	9.0	77	<0.1	24.7	13.1	547	3.62	9.4	0.7	<0.5	3.6	64	<0.1	0.5	0.1	92	0.67	0.105
A074	Soil	0.6	15.0	6.2	78	<0.1	14.4	13.3	747	4.04	6.5	0.7	1.0	3.5	21	<0.1	0.4	0.1	79	0.42	0.090
A075	Soil	0.6	12.5	4.8	112	<0.1	10.5	18.4	1301	5.49	5.1	0.8	0.5	2.6	36	<0.1	1.0	<0.1	123	0.80	0.207
A076	Soil	0.7	73.9	5.7	49	0.2	71.2	32.7	607	3.31	6.4	0.3	2.7	0.6	21	0.3	0.2	<0.1	78	0.63	0.030
A077	Soil	4.2	59.9	7.7	134	<0.1	45.8	13.4	432	3.39	14.8	0.6	1.4	2.3	18	0.3	0.6	<0.1	109	0.42	0.038
A078	Soil	4.2	49.3	7.6	119	0.2	37.8	10.3	472	2.92	12.3	0.9	2.6	3.2	18	0.3	0.7	0.1	77	0.37	0.040
A079	Soil	2.9	56.5	13.2	77	0.2	32.6	12.5	561	3.19	24.6	1.8	7.5	4.2	26	0.1	1.0	0.3	72	0.50	0.041
A080	Soil	3.3	68.2	16.3	84	0.4	40.9	12.2	776	3.47	28.4	1.7	7.1	3.6	29	0.2	1.2	0.4	74	0.60	0.054
A081	Soil	2.7	95.9	8.9	133	0.3	67.3	15.9	797	3.83	40.1	1.0	3.2	3.4	19	0.2	0.9	0.3	113	0.46	0.063
A082	Soil	1.4	14.3	4.9	33	<0.1	30.5	17.3	240	2.73	6.0	0.3	<0.5	2.0	19	<0.1	0.2	<0.1	83	0.36	0.016
A083	Soil	<0.1	116.3	0.9	32	<0.1	182.3	41.5	337	3.41	5.3	0.1	<0.5	0.6	23	<0.1	0.1	<0.1	93	0.57	0.006
A084	Soil	6.3	72.0	8.3	82	<0.1	61.8	25.8	628	4.86	73.7	0.5	0.7	2.8	16	0.2	1.8	0.1	117	0.27	0.018
A085	Soil	0.3	443.7	1.3	16	<0.1	128.8	47.6	281	2.99	6.5	0.2	3.3	0.9	7	<0.1	0.2	<0.1	90	0.37	0.007
A086	Soil	0.2	36.2	0.8	15	<0.1	97.0	28.0	197	2.21	1.8	<0.1	0.6	0.4	6	<0.1	<0.1	<0.1	40	0.33	0.006
A087	Soil	2.4	129.3	7.6	69	0.5	36.6	21.4	327	4.75	13.9	0.4	4.8	2.5	14	0.1	0.6	0.1	119	0.22	0.030
A088	Soil	10.8	92.4	6.4	78	0.2	17.4	14.1	994	4.49	47.6	1.8	2.5	10.0	26	<0.1	0.4	<0.1	130	0.75	0.131
A089	Soil	4.1	54.6	15.3	74	0.2	38.1	12.0	504	3.28	19.8	1.8	10.3	5.0	27	0.2	2.3	0.3	79	0.36	0.033
A090	Soil	3.3	66.2	12.4	107	0.3	38.7	12.6	406	4.15	30.2	1.0	2.0	2.8	16	0.3	1.1	0.3	78	0.11	0.040

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
A061	Soil		3	178	1.62	104	0.090	1	2.01	0.055	0.05	<0.1	<0.01	8.9	<0.1	<0.05	4	<0.5	<0.2
A062	Soil		7	150	1.01	114	0.068	1	1.73	0.026	0.05	0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
A063	Soil		6	71	1.08	117	0.059	<1	1.65	0.014	0.03	<0.1	<0.01	8.7	<0.1	<0.05	4	<0.5	<0.2
A064	Soil		5	14	0.64	182	0.016	1	1.88	0.008	0.09	<0.1	0.01	2.3	<0.1	<0.05	9	<0.5	<0.2
A065	Soil		15	33	0.56	328	0.058	2	1.58	0.011	0.10	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
A066	Soil		13	30	0.90	231	0.039	1	1.88	0.010	0.07	0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
A067	Soil		11	31	0.99	215	0.084	2	1.94	0.017	0.07	0.1	0.03	4.3	<0.1	<0.05	8	<0.5	<0.2
A068	Soil		8	25	1.08	181	0.091	2	2.16	0.015	0.10	<0.1	<0.01	3.4	<0.1	<0.05	10	<0.5	<0.2
A069	Soil		11	16	0.95	246	0.033	<1	2.06	0.016	0.09	<0.1	0.01	9.0	<0.1	<0.05	11	<0.5	<0.2
A070	Soil		9	35	0.86	121	0.078	<1	1.90	0.016	0.08	<0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
A071	Soil		9	11	1.37	161	0.082	1	2.33	0.021	0.26	<0.1	0.01	6.1	<0.1	<0.05	10	<0.5	<0.2
A072	Soil		15	34	0.69	253	0.048	1	2.13	0.012	0.12	<0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
A073	Soil		10	35	0.92	203	0.122	2	2.33	0.020	0.08	0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
A074	Soil		18	18	0.81	627	0.027	2	1.94	0.012	0.16	<0.1	0.03	6.8	<0.1	<0.05	7	<0.5	<0.2
A075	Soil		16	12	1.26	261	0.016	2	2.24	0.009	0.07	<0.1	0.02	10.6	<0.1	<0.05	12	<0.5	<0.2
A076	Soil		4	369	2.12	317	0.091	<1	1.37	0.022	0.06	0.1	0.02	11.6	<0.1	<0.05	4	0.6	<0.2
A077	Soil		8	72	1.04	245	0.057	<1	1.81	0.012	0.04	0.2	0.02	5.7	<0.1	<0.05	6	0.7	<0.2
A078	Soil		12	44	0.62	321	0.052	1	1.52	0.012	0.06	0.1	0.02	4.6	<0.1	<0.05	5	0.8	<0.2
A079	Soil		15	40	0.54	496	0.071	<1	1.60	0.018	0.07	0.2	0.04	7.8	<0.1	<0.05	5	1.1	<0.2
A080	Soil		16	40	0.54	680	0.064	1	1.46	0.020	0.08	0.2	0.05	9.0	0.1	<0.05	4	1.2	<0.2
A081	Soil		14	91	1.04	321	0.132	<1	1.93	0.012	0.39	0.2	0.03	9.1	0.3	<0.05	7	2.4	<0.2
A082	Soil		6	107	0.85	164	0.078	<1	1.23	0.018	0.04	0.1	0.02	5.0	<0.1	<0.05	4	<0.5	<0.2
A083	Soil		6	458	2.31	105	0.159	<1	1.92	0.018	0.01	<0.1	<0.01	7.0	<0.1	<0.05	5	<0.5	<0.2
A084	Soil		9	109	0.38	245	0.022	<1	1.72	0.009	0.05	0.1	0.03	16.9	0.2	<0.05	5	0.6	<0.2
A085	Soil		4	339	1.28	61	0.070	<1	0.99	0.022	0.02	<0.1	0.01	14.6	<0.1	<0.05	3	<0.5	<0.2
A086	Soil		1	427	1.53	45	0.058	<1	0.81	0.008	<0.01	<0.1	<0.01	5.4	<0.1	<0.05	2	<0.5	<0.2
A087	Soil		7	48	0.72	197	0.100	2	3.20	0.019	0.05	0.2	0.02	6.4	0.2	<0.05	8	0.5	0.2
A088	Soil		36	24	0.78	248	0.023	4	1.83	0.023	0.05	<0.1	0.05	11.5	<0.1	<0.05	10	<0.5	<0.2
A089	Soil		15	41	0.55	787	0.087	2	1.90	0.020	0.09	0.1	0.05	8.1	<0.1	<0.05	5	1.1	<0.2
A090	Soil		10	34	0.35	372	0.041	<1	1.73	0.009	0.07	0.1	0.01	4.6	0.1	<0.05	5	2.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
A094	Soil	22.2	113.6	13.7	103	0.2	44.7	8.3	182	3.67	62.0	3.1	3.7	2.4	35	0.4	4.4	0.3	114	0.11	0.071
A095	Soil	2.1	10.9	31.2	83	0.3	26.1	9.5	917	2.53	6.8	0.3	<0.5	1.8	29	0.3	0.5	0.3	69	0.28	0.030
A096	Soil	6.2	50.3	21.7	77	0.1	33.1	7.9	340	2.86	30.0	1.1	3.4	4.6	18	0.2	2.1	0.4	68	0.20	0.018
A097	Soil	2.6	83.9	10.0	113	0.2	117.9	48.7	2659	8.06	35.9	0.7	7.6	2.9	74	0.3	3.4	<0.1	186	1.96	0.017
A098	Soil	0.4	31.7	2.2	38	<0.1	140.2	71.8	1478	6.04	10.1	0.2	2.2	0.7	185	0.2	0.8	<0.1	190	10.69	0.013
A100	Soil	0.8	63.5	4.9	116	<0.1	19.6	18.8	1024	5.90	4.9	0.4	4.3	1.9	55	0.1	4.1	<0.1	144	1.06	0.253
A101	Soil	1.3	21.7	7.1	72	<0.1	21.1	12.2	648	3.34	5.9	0.6	2.6	2.8	43	0.1	0.7	<0.1	82	1.06	0.077
A102	Soil	17.1	105.6	6.1	105	0.1	41.5	20.7	818	5.42	6.7	0.6	1.8	2.5	45	0.2	0.8	<0.1	146	0.73	0.118
A103	Soil	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
A104	Soil	0.2	54.0	11.2	151	<0.1	13.9	15.4	888	5.28	3.0	0.6	<0.5	1.4	42	<0.1	0.2	<0.1	126	0.68	0.189
A105	Soil	0.5	20.8	5.9	79	<0.1	18.6	11.7	599	3.83	5.8	0.7	1.4	3.2	96	<0.1	0.4	<0.1	91	0.82	0.096
A106	Soil	0.3	34.9	4.3	81	<0.1	21.1	12.8	561	3.46	2.9	0.3	1.8	1.5	24	<0.1	0.2	<0.1	72	0.51	0.145
A107	Soil	0.8	263.7	4.6	136	<0.1	33.3	21.4	1011	7.27	2.4	0.6	2.2	1.6	49	<0.1	0.5	<0.1	176	1.01	0.303
A108	Soil	0.7	51.0	5.6	69	<0.1	10.8	11.7	1019	3.40	2.3	0.3	1.2	1.7	34	<0.1	0.2	<0.1	84	1.07	0.305
A109	Soil	0.5	26.6	6.0	64	<0.1	13.9	10.3	473	3.21	4.6	0.6	1.2	2.1	140	<0.1	0.3	0.1	84	0.60	0.078
A110	Soil	0.4	39.4	6.5	85	<0.1	15.1	15.0	877	4.55	4.2	0.5	1.3	2.7	38	<0.1	0.2	0.1	78	0.37	0.114
A111	Soil	0.4	26.4	5.6	101	<0.1	18.4	17.0	779	4.82	6.5	0.8	2.4	2.5	88	<0.1	0.3	<0.1	101	0.72	0.096
A113	Soil	0.5	6.1	5.8	46	<0.1	7.9	7.9	427	1.95	2.7	0.4	24.0	1.9	34	<0.1	0.3	<0.1	59	0.63	0.182
A114	Soil	0.7	12.0	6.1	44	<0.1	7.9	6.2	200	1.98	3.5	0.4	<0.5	1.6	17	<0.1	0.2	<0.1	59	0.32	0.100
A115	Soil	0.7	15.1	9.4	61	<0.1	14.7	11.7	409	2.84	6.7	0.5	9.6	3.0	18	<0.1	0.3	0.1	67	0.25	0.070
A116	Soil	0.5	13.3	7.5	59	<0.1	15.4	10.4	345	2.76	5.0	0.7	2.9	3.4	24	<0.1	0.3	0.1	71	0.40	0.073
A117	Soil	0.4	10.9	9.0	63	<0.1	17.5	10.5	448	2.76	4.8	1.1	<0.5	2.7	24	<0.1	0.2	0.1	68	0.47	0.072
C002	Soil	0.8	11.8	8.4	62	<0.1	14.5	10.5	486	3.21	7.5	0.5	3.6	2.0	31	0.1	0.4	0.2	78	0.43	0.054
C003	Soil	0.4	13.4	6.8	85	<0.1	15.4	14.2	762	3.64	5.1	0.8	1.1	3.0	40	0.1	0.3	0.1	84	0.72	0.164
C004	Soil	0.4	5.4	7.3	104	<0.1	8.2	11.9	860	3.97	3.3	0.7	<0.5	2.9	38	0.2	0.3	<0.1	80	0.82	0.220
C005	Soil	0.6	8.9	6.6	74	<0.1	11.3	10.3	522	3.09	4.1	0.5	1.7	2.0	31	<0.1	0.2	0.1	78	0.49	0.118
C006	Soil	0.6	13.9	6.6	82	<0.1	16.8	12.2	547	3.34	6.7	0.6	5.1	3.3	34	<0.1	0.5	0.1	80	0.52	0.120
C007	Soil	0.3	8.6	6.1	102	<0.1	14.0	13.4	914	3.54	3.0	0.4	27.9	2.5	37	0.2	0.4	<0.1	74	0.72	0.245
C008	Soil	0.4	4.1	5.6	96	0.1	7.2	12.0	1013	3.55	1.9	0.5	134.1	2.9	99	<0.1	0.1	<0.1	78	1.25	0.281
C009	Soil	0.4	7.5	2.6	115	<0.1	6.8	16.7	1189	3.83	2.1	0.4	<0.5	1.8	134	<0.1	0.1	<0.1	85	1.41	0.365

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
A094	Soil	13	41	0.17	326	0.023	1	1.18	0.010	0.09	0.2	<0.01	4.3	0.2	0.09	4	5.0	0.2
A095	Soil	8	36	0.40	667	0.054	1	2.03	0.012	0.05	0.1	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
A096	Soil	12	35	0.39	455	0.048	2	1.51	0.016	0.06	0.2	0.02	3.9	0.1	<0.05	4	1.4	<0.2
A097	Soil	14	190	0.89	395	0.023	1	1.33	0.010	0.06	<0.1	0.09	58.3	0.1	<0.05	4	1.0	<0.2
A098	Soil	3	561	2.09	140	0.014	1	1.02	0.008	0.04	0.5	0.11	>100	<0.1	<0.05	4	<0.5	<0.2
A100	Soil	15	31	1.09	780	0.092	2	2.37	0.025	0.36	0.4	0.04	20.7	0.1	<0.05	9	<0.5	<0.2
A101	Soil	19	30	1.09	407	0.073	2	1.86	0.027	0.10	0.2	0.02	7.0	<0.1	<0.05	7	<0.5	<0.2
A102	Soil	12	58	1.67	205	0.088	1	2.83	0.017	0.06	0.2	0.02	12.0	<0.1	<0.05	11	1.1	<0.2
A103	Soil	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
A104	Soil	15	19	1.94	283	0.143	1	3.02	0.012	0.08	0.4	<0.01	10.9	<0.1	<0.05	14	<0.5	<0.2
A105	Soil	12	28	1.11	332	0.177	2	2.37	0.026	0.06	0.2	0.03	7.3	<0.1	<0.05	9	<0.5	<0.2
A106	Soil	10	24	0.82	593	0.011	2	2.05	0.008	0.16	0.1	0.02	5.5	<0.1	<0.05	7	<0.5	<0.2
A107	Soil	11	45	0.72	517	0.012	3	2.15	0.015	0.10	<0.1	0.03	18.5	<0.1	<0.05	9	0.6	<0.2
A108	Soil	25	12	0.45	553	0.007	2	1.84	0.008	0.20	<0.1	0.02	11.8	<0.1	<0.05	7	0.7	<0.2
A109	Soil	9	31	0.93	257	0.084	1	2.43	0.026	0.05	<0.1	0.01	5.9	<0.1	<0.05	8	<0.5	<0.2
A110	Soil	9	21	1.19	225	0.084	1	3.02	0.011	0.08	<0.1	0.01	5.2	<0.1	<0.05	10	<0.5	<0.2
A111	Soil	8	20	1.56	324	0.151	1	3.75	0.027	0.04	<0.1	0.01	7.7	<0.1	<0.05	12	<0.5	<0.2
A113	Soil	9	19	0.49	156	0.060	1	0.95	0.022	0.05	0.4	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
A114	Soil	8	19	0.53	132	0.093	<1	1.07	0.013	0.09	<0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
A115	Soil	9	27	0.73	196	0.121	<1	1.68	0.011	0.13	0.2	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
A116	Soil	10	28	0.85	427	0.139	<1	1.58	0.015	0.18	0.2	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
A117	Soil	13	28	1.35	362	0.122	2	1.95	0.013	0.10	<0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
C002	Soil	9	24	0.68	362	0.057	1	1.79	0.013	0.09	0.1	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
C003	Soil	14	23	1.01	359	0.078	1	1.85	0.017	0.11	0.1	0.02	5.0	<0.1	<0.05	8	0.6	<0.2
C004	Soil	14	11	0.94	341	0.022	2	1.82	0.012	0.12	<0.1	0.02	6.2	<0.1	<0.05	8	<0.5	<0.2
C005	Soil	11	18	0.80	185	0.070	1	1.86	0.016	0.06	0.1	0.02	3.6	<0.1	<0.05	8	0.5	<0.2
C006	Soil	14	26	0.90	258	0.101	2	2.17	0.015	0.08	0.3	0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
C007	Soil	11	16	1.14	325	0.055	2	1.92	0.015	0.11	0.3	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
C008	Soil	17	9	1.36	192	0.087	2	2.65	0.008	0.08	0.2	0.01	5.0	<0.1	<0.05	12	<0.5	<0.2
C009	Soil	8	9	1.11	251	0.129	<1	2.33	0.034	0.14	<0.1	<0.01	5.0	<0.1	<0.05	11	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
C010	Soil	1.3	13.1	8.4	65	<0.1	17.4	10.6	494	2.91	6.0	0.6	3.1	3.8	46	<0.1	0.4	0.1	71	0.49	0.058
C011	Soil	1.2	16.0	11.5	60	<0.1	15.7	10.0	542	3.10	7.8	0.7	3.8	4.4	36	0.1	0.4	0.2	71	0.33	0.055
C012	Soil	0.7	10.2	6.2	87	<0.1	11.3	11.3	520	3.28	5.3	0.7	2.9	3.6	75	<0.1	0.3	<0.1	74	0.75	0.121
C013	Soil	0.2	3.0	3.4	135	<0.1	6.6	17.6	1149	4.74	2.1	0.3	<0.5	1.7	51	<0.1	<0.1	<0.1	112	1.35	0.405
C014	Soil	0.4	12.3	5.6	108	<0.1	29.4	15.1	899	4.36	4.5	0.7	8.3	3.4	44	<0.1	1.7	<0.1	89	0.78	0.245
C015	Soil	0.3	8.7	3.3	92	<0.1	8.6	16.7	665	4.18	3.0	0.4	<0.5	1.7	41	<0.1	0.9	<0.1	98	1.00	0.267
C016	Soil	0.3	9.0	2.6	123	<0.1	9.3	17.6	1247	4.76	2.6	0.6	1.5	2.2	43	<0.1	0.9	<0.1	104	0.99	0.341
C017	Soil	0.5	10.9	4.7	103	<0.1	14.0	17.6	902	4.33	5.2	0.6	0.7	2.5	38	<0.1	0.3	<0.1	98	0.77	0.264
C018	Soil	0.5	11.2	4.0	103	<0.1	11.6	16.3	784	4.50	4.6	0.6	<0.5	1.9	47	<0.1	0.3	<0.1	96	0.78	0.196
C019	Soil	0.4	15.2	5.4	78	<0.1	16.0	13.6	816	3.77	5.7	0.7	0.9	3.5	33	<0.1	0.4	<0.1	70	0.80	0.192
C020	Soil	0.4	6.8	6.3	103	<0.1	8.1	17.3	1808	4.65	3.0	0.4	<0.5	3.0	32	<0.1	2.3	<0.1	76	0.72	0.250
C021	Soil	1.1	16.6	3.4	90	<0.1	9.0	10.2	875	4.30	1.1	5.4	4.1	4.7	176	<0.1	0.2	<0.1	131	1.00	0.220
C023	Soil	0.4	18.3	5.1	80	<0.1	15.9	13.2	551	3.75	3.6	0.6	1.2	3.4	33	<0.1	0.2	<0.1	91	0.49	0.107
C024	Soil	0.4	19.2	4.4	71	<0.1	14.5	10.0	442	3.17	4.4	0.6	2.2	5.9	36	<0.1	0.3	<0.1	72	0.62	0.135
C025	Soil	0.7	18.2	5.8	56	<0.1	17.3	11.4	313	2.99	6.4	0.7	4.7	4.0	27	<0.1	0.4	<0.1	71	0.50	0.090
C026	Soil	1.2	45.3	3.8	78	<0.1	16.7	16.4	453	4.18	10.4	1.6	13.9	3.1	23	<0.1	0.3	<0.1	112	0.42	0.071
C027	Soil	14.3	45.7	5.3	107	<0.1	20.4	17.2	633	6.01	48.1	0.9	1.1	4.8	35	0.1	1.2	<0.1	116	0.62	0.209
C028	Soil	11.6	75.3	3.5	60	<0.1	24.3	18.1	300	5.22	3.7	0.9	0.6	3.8	34	<0.1	<0.1	<0.1	122	0.39	0.180
C029	Soil	4.9	41.9	7.4	52	<0.1	17.5	11.1	230	3.46	7.6	1.4	1.7	4.4	29	<0.1	0.3	0.1	76	0.25	0.061
C030	Soil	8.3	54.3	12.3	56	0.2	17.0	9.5	215	3.35	11.6	2.4	5.1	4.9	28	0.2	0.4	0.3	72	0.20	0.056
C031	Soil	3.0	10.0	75.2	39	<0.1	6.0	4.4	123	1.83	68.6	2.7	2.2	19.8	20	<0.1	1.1	0.3	27	0.09	0.020
C032	Soil	7.3	93.0	3.7	96	<0.1	12.3	17.2	750	5.85	5.3	2.3	<0.5	8.7	28	<0.1	0.2	0.2	118	0.21	0.056
C033	Soil	2.1	37.6	11.9	100	<0.1	11.8	12.5	465	3.94	13.0	4.7	7.9	6.7	12	<0.1	0.6	0.3	49	0.24	0.063
C034	Soil	3.0	89.7	3.1	78	<0.1	15.1	17.3	520	6.00	20.5	1.6	<0.5	3.0	23	<0.1	0.2	<0.1	131	0.31	0.134
C035	Soil	0.1	6.1	2.2	84	<0.1	12.9	21.8	540	3.61	2.8	0.3	<0.5	2.3	29	<0.1	0.1	<0.1	100	0.73	0.223
C036	Soil	0.4	9.5	4.1	84	<0.1	13.8	12.3	477	3.29	3.1	0.5	1.4	4.4	32	<0.1	0.2	<0.1	77	0.46	0.133
C037	Soil	0.3	33.3	7.2	77	<0.1	22.3	13.2	442	3.09	5.2	0.5	<0.5	3.7	34	0.1	0.3	0.1	77	0.46	0.169
C039	Soil	0.8	8.7	6.1	57	<0.1	12.8	9.4	465	3.12	6.6	0.4	0.8	2.3	18	<0.1	0.3	0.1	81	0.25	0.087
C041	Soil	0.4	6.1	6.3	86	<0.1	10.9	13.1	1164	4.22	3.9	0.4	4.6	2.4	81	0.2	0.2	<0.1	111	0.57	0.154
C042	Soil	0.6	9.1	5.2	82	<0.1	9.7	10.6	985	3.54	5.0	0.8	1.1	4.2	94	<0.1	0.3	<0.1	82	0.66	0.128

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
C010	Soil	12	32	0.69	208	0.089	<1	1.86	0.013	0.04	0.1	0.02	3.2	<0.1	<0.05	7	0.5	<0.2
C011	Soil	13	27	0.60	175	0.051	1	1.99	0.009	0.05	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
C012	Soil	17	20	0.79	177	0.085	1	1.88	0.012	0.04	<0.1	0.01	3.5	<0.1	<0.05	9	0.6	<0.2
C013	Soil	9	9	1.74	215	0.100	1	2.32	0.033	0.28	<0.1	<0.01	8.2	<0.1	<0.05	12	<0.5	<0.2
C014	Soil	21	36	0.83	432	0.044	2	1.67	0.012	0.19	0.2	0.03	10.4	<0.1	<0.05	7	0.6	<0.2
C015	Soil	10	12	1.13	292	0.091	<1	2.23	0.023	0.27	<0.1	<0.01	5.5	<0.1	<0.05	9	0.5	<0.2
C016	Soil	16	8	1.48	451	0.051	<1	2.16	0.015	0.20	<0.1	<0.01	10.0	<0.1	<0.05	11	<0.5	<0.2
C017	Soil	14	19	1.53	227	0.102	<1	2.34	0.024	0.35	<0.1	0.01	6.5	<0.1	<0.05	10	<0.5	<0.2
C018	Soil	8	13	1.25	273	0.051	1	2.17	0.023	0.09	<0.1	<0.01	5.3	<0.1	<0.05	10	<0.5	<0.2
C019	Soil	16	18	0.96	288	0.036	1	1.92	0.014	0.10	0.1	0.01	7.0	<0.1	<0.05	7	<0.5	<0.2
C020	Soil	22	6	0.41	472	0.010	2	1.11	0.010	0.11	0.2	0.02	9.3	<0.1	<0.05	5	0.6	<0.2
C021	Soil	17	12	0.79	423	0.106	<1	2.48	0.011	0.11	<0.1	0.02	6.5	<0.1	<0.05	13	<0.5	<0.2
C023	Soil	13	38	1.36	441	0.168	<1	2.15	0.019	0.39	<0.1	0.01	4.8	0.1	<0.05	9	<0.5	<0.2
C024	Soil	23	24	1.20	403	0.142	<1	1.95	0.018	0.33	0.1	0.01	4.6	0.1	<0.05	7	0.6	<0.2
C025	Soil	13	34	0.87	321	0.110	<1	1.67	0.023	0.17	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
C026	Soil	11	27	1.10	418	0.186	<1	2.35	0.021	0.54	<0.1	<0.01	5.8	0.2	<0.05	8	<0.5	<0.2
C027	Soil	18	32	0.95	424	0.122	<1	2.18	0.014	0.60	<0.1	0.01	7.5	0.2	<0.05	8	1.2	<0.2
C028	Soil	16	42	1.55	422	0.200	<1	2.89	0.037	1.05	<0.1	<0.01	6.0	0.2	0.28	10	1.2	0.3
C029	Soil	14	28	0.72	358	0.110	<1	2.03	0.014	0.33	0.1	0.02	4.1	0.1	0.07	7	0.8	<0.2
C030	Soil	14	29	0.58	280	0.090	2	2.11	0.013	0.23	0.1	0.03	3.5	0.2	0.05	7	0.8	<0.2
C031	Soil	6	11	0.28	76	0.031	1	1.06	0.010	0.18	0.2	<0.01	2.3	0.5	0.17	4	<0.5	<0.2
C032	Soil	32	59	2.05	761	0.264	<1	3.31	0.022	1.50	<0.1	<0.01	14.3	0.4	0.16	12	1.0	<0.2
C033	Soil	11	14	0.33	192	0.021	1	1.44	0.009	0.14	<0.1	<0.01	5.7	0.2	<0.05	4	0.5	<0.2
C034	Soil	9	25	1.41	338	0.195	<1	2.94	0.013	1.02	<0.1	<0.01	7.3	0.3	<0.05	9	0.5	0.3
C035	Soil	10	30	2.07	662	0.248	1	2.46	0.032	1.22	<0.1	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
C036	Soil	19	27	1.45	540	0.159	<1	2.06	0.010	0.56	<0.1	<0.01	3.7	0.2	<0.05	7	<0.5	<0.2
C037	Soil	10	28	1.02	569	0.147	<1	1.99	0.012	0.46	0.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
C039	Soil	7	36	0.60	83	0.052	<1	1.63	0.016	0.07	0.1	0.02	3.7	<0.1	<0.05	7	0.6	<0.2
C041	Soil	8	29	0.98	117	0.075	1	2.46	0.020	0.08	0.1	<0.01	5.1	<0.1	<0.05	11	0.5	<0.2
C042	Soil	19	17	0.85	158	0.020	<1	2.13	0.010	0.03	<0.1	<0.01	7.2	<0.1	<0.05	9	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
C044	Soil	1.1	29.5	6.8	62	<0.1	19.7	13.9	453	3.69	7.4	0.5	4.0	2.7	15	0.1	0.5	0.1	92	0.24	0.048
C045	Soil	0.3	28.1	9.6	62	0.1	20.4	8.8	301	2.38	6.0	0.5	2.8	2.3	52	0.1	0.3	0.1	64	2.40	0.068
C046	Soil	0.3	17.1	6.6	99	<0.1	15.5	16.9	724	5.01	5.7	0.4	1.3	1.6	211	<0.1	0.3	<0.1	124	1.09	0.234
C047	Soil	0.2	206.4	2.3	205	<0.1	21.8	31.3	2298	7.64	1.4	0.5	2.1	1.7	67	<0.1	0.1	<0.1	227	1.07	0.227
C050	Soil	0.2	19.6	3.8	78	<0.1	20.7	12.5	782	3.67	2.6	0.3	11.6	3.2	24	<0.1	0.2	<0.1	78	0.43	0.138
C051	Soil	0.7	19.5	7.7	83	<0.1	16.4	11.5	491	3.19	8.8	0.7	125.9	6.1	22	<0.1	1.9	0.1	72	0.30	0.114
C052	Soil	0.7	14.3	8.0	93	<0.1	15.2	13.4	648	4.26	10.0	0.6	14.8	3.7	28	0.1	0.8	<0.1	102	0.27	0.075
C055	Soil	0.3	10.2	6.0	128	<0.1	11.0	18.5	1228	5.45	5.9	0.5	0.6	1.5	41	<0.1	1.2	<0.1	125	0.95	0.218
C057	Soil	0.8	50.4	16.6	72	0.1	32.3	18.4	586	3.67	10.0	0.5	3.1	2.9	21	0.1	0.4	0.1	97	0.26	0.039
C058	Soil	0.7	28.2	5.8	62	0.1	16.5	9.2	414	2.87	4.4	1.3	2.8	3.5	61	0.2	0.3	<0.1	96	0.71	0.128
C059	Soil	0.6	75.8	4.2	67	<0.1	39.4	18.5	583	3.55	3.2	0.3	1.0	1.5	20	0.1	0.1	<0.1	96	0.90	0.167
C060	Soil	3.2	38.6	5.6	118	0.1	9.8	5.4	363	2.81	3.2	0.4	0.9	4.9	16	0.3	0.2	<0.1	56	0.20	0.052
C061	Soil	0.8	31.9	6.8	65	<0.1	26.6	11.4	536	3.36	6.6	0.8	1.2	5.0	19	<0.1	0.4	0.1	63	0.24	0.059
C062	Soil	0.7	32.9	5.4	65	<0.1	22.7	12.8	468	3.82	7.2	0.5	0.7	4.8	11	0.1	0.3	<0.1	68	0.16	0.039
C063	Soil	1.2	49.4	10.0	77	<0.1	14.0	8.5	461	3.62	9.2	0.4	3.8	1.5	13	0.3	0.4	0.1	81	0.16	0.078
C064	Soil	0.3	55.8	1.4	90	<0.1	12.5	12.3	1090	4.62	1.5	0.4	1.1	2.5	9	<0.1	<0.1	<0.1	110	0.33	0.134
C065	Soil	26.4	57.7	9.0	93	<0.1	43.1	18.3	654	4.36	12.9	0.6	36.0	2.3	19	0.2	0.5	0.1	82	0.44	0.108
C066	Soil	15.1	58.2	9.7	79	0.3	45.6	15.4	219	3.44	11.1	1.3	18.4	2.4	34	0.3	0.4	0.1	74	0.94	0.149
C067	Soil	5.9	101.2	4.8	107	0.1	57.2	27.2	752	5.09	3.0	0.3	6.1	1.0	51	0.2	0.1	<0.1	103	1.46	0.237
C068	Soil	4.9	31.8	4.1	68	<0.1	19.7	13.8	576	3.10	5.6	0.3	6.7	1.9	40	0.2	0.1	<0.1	67	0.87	0.165
C069	Soil	0.5	21.5	9.0	68	<0.1	21.5	9.7	452	2.67	5.6	0.6	1.5	3.5	48	0.3	0.2	0.1	69	2.01	0.083
C070	Soil	0.4	32.4	7.8	93	<0.1	20.3	9.9	523	2.88	3.6	0.6	0.7	2.2	51	0.2	0.2	<0.1	79	1.98	0.135
C071	Soil	0.6	13.8	3.6	51	<0.1	9.3	8.9	537	2.14	3.4	0.7	1.5	3.0	27	0.1	0.1	<0.1	48	0.61	0.104
C072	Soil	0.4	73.4	6.3	52	0.1	34.7	11.8	340	2.30	5.8	1.1	0.8	2.1	49	0.2	0.4	0.1	55	1.55	0.129
C073	Soil	0.2	22.7	6.6	51	0.1	19.7	9.6	571	2.29	7.1	0.6	2.3	1.6	43	0.2	0.2	0.1	55	1.57	0.068
C074	Soil	<0.1	28.3	6.1	53	<0.1	22.0	7.8	201	2.11	3.0	1.2	6.6	1.8	29	0.2	0.2	<0.1	53	1.72	0.066
C075	Soil	0.7	30.2	4.7	76	<0.1	16.2	9.8	596	3.56	4.9	0.5	4.4	4.1	19	<0.1	0.3	<0.1	70	0.30	0.085
C076	Soil	1.0	22.5	7.7	60	<0.1	20.2	10.3	576	3.03	5.0	0.6	25.8	2.4	34	0.1	0.6	0.1	50	0.62	0.069
C077	Soil	0.9	26.4	11.2	68	<0.1	24.1	9.8	343	3.34	6.4	1.1	14.0	5.6	29	0.1	0.5	0.5	57	0.52	0.099
C078	Soil	0.7	15.0	8.0	69	<0.1	19.5	11.7	553	3.61	4.8	0.7	5.1	4.1	35	<0.1	0.4	0.2	65	0.57	0.103

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
C044	Soil	8	31	0.78	144	0.139	2	2.62	0.027	0.06	0.1	<0.01	4.8	<0.1	<0.05	7	0.6	<0.2
C045	Soil	11	36	2.36	241	0.060	2	1.68	0.017	0.05	0.1	0.02	4.2	<0.1	<0.05	6	0.6	<0.2
C046	Soil	7	29	1.66	432	0.216	1	3.26	0.020	0.26	0.1	<0.01	4.2	<0.1	<0.05	12	<0.5	<0.2
C047	Soil	8	46	3.70	1164	0.347	<1	4.45	0.022	1.47	<0.1	<0.01	10.8	0.3	<0.05	16	<0.5	<0.2
C050	Soil	17	27	1.34	379	0.012	<1	2.20	0.013	0.10	<0.1	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
C051	Soil	19	25	0.83	105	0.044	1	1.94	0.007	0.10	0.3	<0.01	6.2	<0.1	<0.05	7	0.6	<0.2
C052	Soil	8	23	1.19	103	0.093	2	2.48	0.009	0.09	0.3	0.01	4.9	<0.1	<0.05	10	<0.5	<0.2
C055	Soil	9	14	1.39	432	0.014	2	2.65	0.010	0.09	0.3	<0.01	10.6	<0.1	<0.05	12	<0.5	<0.2
C057	Soil	9	65	0.73	222	0.066	<1	2.78	0.015	0.05	<0.1	0.03	6.7	<0.1	<0.05	7	0.5	<0.2
C058	Soil	24	26	0.38	274	0.054	<1	2.00	0.017	0.05	<0.1	0.06	8.3	<0.1	<0.05	7	<0.5	<0.2
C059	Soil	6	101	1.45	230	0.052	<1	1.49	0.015	0.02	<0.1	<0.01	9.0	<0.1	<0.05	6	<0.5	<0.2
C060	Soil	13	16	0.38	184	0.079	<1	1.50	0.007	0.27	<0.1	0.01	5.5	<0.1	<0.05	6	<0.5	<0.2
C061	Soil	16	43	0.71	259	0.061	1	1.96	0.009	0.13	<0.1	0.01	6.5	<0.1	<0.05	6	<0.5	<0.2
C062	Soil	11	31	0.84	213	0.173	1	2.53	0.011	0.50	<0.1	<0.01	6.2	0.2	<0.05	7	<0.5	<0.2
C063	Soil	7	26	0.54	123	0.033	<1	2.57	0.010	0.16	0.2	0.04	3.6	<0.1	<0.05	9	0.8	<0.2
C064	Soil	11	28	1.78	581	0.309	<1	2.46	0.012	1.26	0.1	<0.01	13.4	0.2	<0.05	10	<0.5	<0.2
C065	Soil	12	58	0.66	462	0.033	2	1.87	0.012	0.10	0.1	0.03	6.5	<0.1	<0.05	6	1.0	<0.2
C066	Soil	17	48	0.67	526	0.032	2	1.52	0.014	0.06	0.1	0.06	6.2	<0.1	0.07	5	2.2	<0.2
C067	Soil	8	67	1.63	212	0.135	<1	2.21	0.023	0.23	<0.1	0.02	5.7	0.1	<0.05	10	0.6	0.3
C068	Soil	8	24	0.91	150	0.051	<1	1.24	0.035	0.08	0.1	<0.01	4.3	<0.1	<0.05	5	0.9	<0.2
C069	Soil	18	37	2.49	256	0.044	1	2.26	0.014	0.07	0.1	0.02	6.2	<0.1	<0.05	7	<0.5	<0.2
C070	Soil	13	32	3.61	326	0.045	2	2.51	0.014	0.09	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5	0.3
C071	Soil	10	15	0.61	142	0.063	2	1.02	0.019	0.11	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
C072	Soil	10	36	0.74	203	0.067	2	1.46	0.023	0.04	0.1	0.04	3.2	<0.1	<0.05	4	0.8	<0.2
C073	Soil	10	27	1.03	240	0.053	1	1.51	0.019	0.05	0.2	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
C074	Soil	10	37	1.91	285	0.069	2	1.67	0.015	0.06	<0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
C075	Soil	18	28	0.83	542	0.071	<1	1.87	0.008	0.15	0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
C076	Soil	9	24	0.39	812	0.032	2	1.34	0.012	0.09	0.1	0.02	5.9	<0.1	<0.05	4	<0.5	<0.2
C077	Soil	20	31	0.49	478	0.048	1	1.47	0.013	0.08	0.1	0.02	6.5	<0.1	<0.05	5	<0.5	<0.2
C078	Soil	17	23	0.49	826	0.025	<1	1.51	0.012	0.08	0.2	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
C079	Soil	0.9	12.6	3.4	45	<0.1	9.4	10.2	1622	2.25	4.0	0.5	1.7	2.5	35	0.1	0.2	<0.1	44	0.58	0.121
C080	Soil	0.5	15.2	4.3	113	<0.1	17.0	19.9	838	5.10	4.8	0.5	<0.5	1.5	55	<0.1	0.3	<0.1	103	1.04	0.275
C081	Soil	0.5	19.9	7.5	76	<0.1	28.2	19.8	712	4.53	4.6	0.6	1.7	2.5	31	<0.1	0.3	<0.1	115	0.69	0.147
C082	Soil	0.7	23.1	7.0	46	<0.1	29.4	12.6	410	2.87	8.3	1.1	1.6	3.5	30	<0.1	0.4	0.1	67	0.42	0.046
C084	Soil	0.6	23.2	6.9	52	<0.1	36.1	19.1	338	3.37	7.9	0.8	2.3	3.3	29	0.2	0.4	0.1	90	0.45	0.045
C085	Soil	<0.1	5.2	2.5	40	<0.1	10.9	6.4	247	1.79	1.8	0.4	<0.5	1.2	66	<0.1	<0.1	<0.1	50	0.84	0.154
C086	Soil	0.4	20.4	6.9	54	<0.1	21.6	9.1	264	2.58	6.5	0.8	1.7	2.7	38	0.2	0.5	0.1	59	0.61	0.072
C090	Soil	0.3	13.8	2.6	93	<0.1	16.2	19.3	672	4.71	1.7	0.4	<0.5	2.9	32	<0.1	<0.1	<0.1	133	0.58	0.172
C091	Soil	0.1	1.3	1.6	85	<0.1	9.1	18.4	752	4.35	0.8	0.4	<0.5	2.9	28	<0.1	<0.1	<0.1	121	0.70	0.217
C093	Soil	2.2	61.9	5.4	71	0.1	13.8	12.4	349	3.73	4.1	1.0	1.0	2.8	35	<0.1	0.2	0.1	100	0.29	0.079
C094	Soil	2.7	58.9	6.1	89	0.1	16.1	16.9	355	5.04	17.9	1.0	1.2	3.6	25	0.1	0.5	<0.1	119	0.40	0.135
C098	Soil	1.4	29.3	7.0	78	<0.1	11.9	11.9	528	2.59	6.2	2.6	0.8	2.8	32	0.3	0.2	0.2	47	0.45	0.093
C099	Soil	0.6	21.6	6.5	64	<0.1	18.5	10.0	325	2.72	7.6	0.8	2.5	3.7	29	0.2	0.4	0.1	58	0.41	0.093
C100	Soil	0.6	10.2	7.0	54	<0.1	10.2	7.8	342	1.87	3.6	1.3	1.2	2.9	27	0.2	0.2	0.1	36	0.48	0.086
C101	Soil	2.2	43.8	8.5	64	0.1	21.0	15.0	381	3.27	7.5	2.0	2.0	4.6	45	<0.1	0.5	0.1	63	0.69	0.065
C102	Soil	0.5	16.5	6.6	72	<0.1	18.3	11.6	449	3.85	7.3	0.5	1.9	4.5	26	<0.1	0.3	<0.1	82	0.37	0.048
C103	Soil	0.5	10.3	5.6	77	<0.1	18.3	15.4	582	4.03	7.1	0.3	<0.5	2.7	26	<0.1	0.3	<0.1	97	0.38	0.071
C104	Soil	0.4	76.4	4.8	71	<0.1	21.2	9.3	355	3.49	2.8	0.9	0.8	1.0	36	<0.1	0.3	<0.1	88	0.83	0.070
C105	Soil	0.6	52.0	4.5	68	0.1	22.5	10.2	433	3.58	4.8	0.3	<0.5	1.7	30	0.1	0.3	<0.1	85	0.55	0.154
C106	Soil	0.3	7.6	3.4	49	<0.1	6.6	6.0	232	2.66	2.3	0.4	<0.5	4.3	36	<0.1	0.3	<0.1	72	0.54	0.160
C107	Soil	0.3	9.4	3.6	47	<0.1	7.6	7.6	381	2.41	3.6	0.4	1.1	1.8	43	0.1	0.2	<0.1	64	0.80	0.115
C108	Soil	0.8	9.5	6.6	65	<0.1	16.0	11.0	545	3.29	5.6	0.4	1.0	3.4	65	<0.1	0.4	0.1	79	0.37	0.057
C109	Soil	0.5	18.0	6.6	54	<0.1	19.7	9.4	421	3.15	9.1	0.7	1.2	4.1	59	<0.1	0.5	0.1	72	0.52	0.071
C110	Soil	0.6	11.4	7.4	67	<0.1	17.8	11.6	758	3.77	4.8	0.6	0.9	3.5	122	0.1	0.3	<0.1	93	0.76	0.072

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
C079	Soil	8	14	0.56	200	0.053	<1	0.83	0.026	0.10	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
C080	Soil	11	40	1.40	291	0.051	<1	2.48	0.016	0.04	<0.1	0.01	8.6	<0.1	<0.05	12	<0.5	<0.2
C081	Soil	12	93	0.96	348	0.039	<1	2.04	0.013	0.06	<0.1	0.01	9.5	<0.1	<0.05	8	<0.5	<0.2
C082	Soil	12	74	0.61	258	0.064	<1	1.42	0.015	0.04	0.1	0.03	6.3	<0.1	<0.05	5	<0.5	<0.2
C084	Soil	10	130	0.65	207	0.083	<1	1.55	0.014	0.04	0.1	0.02	8.0	<0.1	<0.05	5	<0.5	<0.2
C085	Soil	6	42	0.50	96	0.067	<1	0.98	0.017	0.03	0.2	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
C086	Soil	12	37	0.57	273	0.062	<1	1.57	0.020	0.04	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
C090	Soil	11	55	2.17	813	0.254	<1	2.75	0.021	1.12	<0.1	<0.01	6.2	0.2	<0.05	11	<0.5	<0.2
C091	Soil	13	18	2.26	876	0.259	<1	2.85	0.018	1.59	<0.1	<0.01	7.5	0.3	<0.05	11	<0.5	<0.2
C093	Soil	12	30	1.17	319	0.187	<1	2.68	0.030	0.55	<0.1	0.02	5.2	0.2	0.05	9	<0.5	<0.2
C094	Soil	15	25	1.13	308	0.151	<1	2.31	0.014	0.65	<0.1	0.02	7.7	0.2	<0.05	9	0.5	<0.2
C098	Soil	13	16	0.59	198	0.082	<1	1.28	0.024	0.24	<0.1	0.01	2.5	0.2	<0.05	4	<0.5	<0.2
C099	Soil	14	29	0.60	291	0.095	<1	1.52	0.015	0.08	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
C100	Soil	12	17	0.47	170	0.068	<1	1.16	0.015	0.09	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
C101	Soil	15	26	0.91	278	0.095	<1	1.81	0.021	0.25	0.1	0.02	5.6	0.1	<0.05	6	0.8	<0.2
C102	Soil	12	28	1.22	477	0.156	<1	2.16	0.014	0.46	0.1	0.01	5.1	0.2	<0.05	8	<0.5	<0.2
C103	Soil	9	36	1.41	629	0.239	<1	2.44	0.015	0.77	<0.1	<0.01	3.6	0.2	<0.05	8	<0.5	<0.2
C104	Soil	12	29	0.85	506	0.065	<1	1.83	0.016	0.14	<0.1	0.02	5.5	<0.1	<0.05	8	<0.5	<0.2
C105	Soil	5	42	0.77	138	0.086	<1	2.07	0.032	0.09	<0.1	<0.01	4.9	<0.1	<0.05	8	<0.5	<0.2
C106	Soil	24	10	0.41	297	0.018	<1	1.71	0.011	0.20	<0.1	<0.01	7.5	<0.1	<0.05	6	<0.5	<0.2
C107	Soil	7	13	0.57	114	0.063	<1	1.30	0.039	0.07	<0.1	<0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
C108	Soil	10	30	0.74	186	0.065	<1	2.17	0.012	0.09	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
C109	Soil	12	32	0.71	154	0.078	<1	1.96	0.019	0.07	0.1	0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
C110	Soil	11	32	0.85	213	0.060	<1	2.56	0.015	0.07	<0.1	<0.01	6.3	<0.1	<0.05	10	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

QUALITY CONTROL REPORT VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
A006	Soil	0.3	12.3	8.2	91	<0.1	22.4	15.6	1110	6.31	2.1	1.0	<0.5	5.5	107	<0.1	0.3	<0.1	152	0.96	0.177
REP A006	QC	0.2	12.7	8.6	93	<0.1	23.3	15.3	1184	6.27	2.7	1.0	0.6	5.5	109	<0.1	0.3	<0.1	150	0.98	0.183
A028	Soil	1.2	17.3	8.2	62	<0.1	19.7	10.8	500	3.53	7.8	0.9	0.9	4.0	24	<0.1	1.0	0.1	64	0.33	0.080
REP A028	QC	1.1	17.9	8.6	62	<0.1	19.9	10.8	506	3.44	7.5	0.9	1.2	4.1	27	<0.1	0.9	0.1	65	0.33	0.073
A049	Soil	0.6	9.9	5.6	76	<0.1	13.2	14.7	463	4.48	5.1	0.7	3.8	2.6	29	<0.1	0.8	<0.1	97	0.45	0.105
REP A049	QC	0.6	9.8	5.8	76	<0.1	12.8	15.2	459	4.46	5.2	0.7	5.2	2.5	30	<0.1	0.9	<0.1	100	0.45	0.101
A063	Soil	1.4	135.3	2.9	25	<0.1	41.3	20.8	266	3.05	41.8	0.4	1.0	2.0	18	<0.1	0.3	<0.1	60	0.36	0.023
REP A063	QC	1.4	134.3	2.9	28	<0.1	41.3	20.4	259	3.15	43.0	0.4	1.3	2.0	18	<0.1	0.3	<0.1	62	0.36	0.024
A083	Soil	<0.1	116.3	0.9	32	<0.1	182.3	41.5	337	3.41	5.3	0.1	<0.5	0.6	23	<0.1	0.1	<0.1	93	0.57	0.006
REP A083	QC	<0.1	118.8	0.9	33	<0.1	180.8	42.0	334	3.43	5.4	0.1	<0.5	0.6	23	<0.1	0.1	<0.1	94	0.54	0.006
A104	Soil	0.2	54.0	11.2	151	<0.1	13.9	15.4	888	5.28	3.0	0.6	<0.5	1.4	42	<0.1	0.2	<0.1	126	0.68	0.189
REP A104	QC	0.2	53.6	10.4	147	<0.1	14.8	15.5	873	5.22	3.1	0.6	0.9	1.5	42	<0.1	0.2	<0.1	125	0.67	0.183
A115	Soil	0.7	15.1	9.4	61	<0.1	14.7	11.7	409	2.84	6.7	0.5	9.6	3.0	18	<0.1	0.3	0.1	67	0.25	0.070
REP A115	QC	0.7	14.7	9.8	62	<0.1	14.4	11.2	411	2.83	6.7	0.5	7.4	2.9	19	0.1	0.3	0.1	67	0.26	0.071
C026	Soil	1.2	45.3	3.8	78	<0.1	16.7	16.4	453	4.18	10.4	1.6	13.9	3.1	23	<0.1	0.3	<0.1	112	0.42	0.071
REP C026	QC	1.2	46.3	3.8	83	<0.1	16.8	17.0	451	4.27	10.6	1.6	<0.5	3.1	22	<0.1	0.4	<0.1	110	0.42	0.072
C052	Soil	0.7	14.3	8.0	93	<0.1	15.2	13.4	648	4.26	10.0	0.6	14.8	3.7	28	0.1	0.8	<0.1	102	0.27	0.075
REP C052	QC	0.7	14.2	8.0	96	<0.1	15.6	13.2	667	4.21	10.0	0.5	17.0	3.7	27	<0.1	0.8	<0.1	104	0.28	0.074
C072	Soil	0.4	73.4	6.3	52	0.1	34.7	11.8	340	2.30	5.8	1.1	0.8	2.1	49	0.2	0.4	0.1	55	1.55	0.129
REP C072	QC	0.4	75.4	6.2	53	0.1	33.7	11.7	347	2.34	5.7	1.0	3.2	2.0	53	0.3	0.4	0.1	55	1.55	0.129
C099	Soil	0.6	21.6	6.5	64	<0.1	18.5	10.0	325	2.72	7.6	0.8	2.5	3.7	29	0.2	0.4	0.1	58	0.41	0.093
REP C099	QC	0.6	20.8	6.7	59	<0.1	17.5	9.6	321	2.66	7.3	0.9	6.2	3.6	28	<0.1	0.4	0.1	56	0.40	0.089
C106	Soil	0.3	7.6	3.4	49	<0.1	6.6	6.0	232	2.66	2.3	0.4	<0.5	4.3	36	<0.1	0.3	<0.1	72	0.54	0.160
REP C106	QC	0.3	7.3	3.4	49	<0.1	6.5	5.8	227	2.57	2.3	0.3	<0.5	4.1	34	<0.1	0.3	<0.1	72	0.52	0.155
Reference Materials																					
STD DS7	Standard	19.6	114.1	66.8	399	1.2	52.6	9.2	633	2.37	52.9	4.9	205.2	4.7	69	6.5	6.2	4.9	83	0.95	0.080
STD DS7	Standard	20.7	107.1	66.7	400	1.0	54.4	9.6	640	2.41	51.8	4.8	62.8	4.7	77	6.4	6.2	4.9	80	0.97	0.078
STD DS7	Standard	19.2	102.6	64.1	386	0.9	52.8	9.1	632	2.40	51.8	4.7	73.6	4.7	77	6.8	6.0	4.8	80	0.94	0.079

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

QUALITY CONTROL REPORT VAN10003147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
A006	Soil	25	28	1.41	546	0.114	1	3.23	0.014	0.10	0.2	0.01	10.0	<0.1	<0.05	12	<0.5	<0.2
REP A006	QC	25	30	1.41	573	0.124	1	3.27	0.015	0.11	0.2	0.02	10.5	<0.1	<0.05	13	<0.5	<0.2
A028	Soil	13	28	0.40	586	0.029	2	1.89	0.015	0.09	0.1	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
REP A028	QC	14	26	0.39	576	0.030	2	1.84	0.013	0.09	0.1	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
A049	Soil	10	21	0.91	256	0.022	1	2.50	0.015	0.08	<0.1	0.01	7.7	<0.1	<0.05	9	<0.5	<0.2
REP A049	QC	11	21	0.89	252	0.023	<1	2.48	0.015	0.08	<0.1	0.01	8.1	<0.1	<0.05	9	<0.5	<0.2
A063	Soil	6	71	1.08	117	0.059	<1	1.65	0.014	0.03	<0.1	<0.01	8.7	<0.1	<0.05	4	<0.5	<0.2
REP A063	QC	6	70	1.15	115	0.060	<1	1.70	0.015	0.03	<0.1	0.01	8.9	<0.1	<0.05	4	<0.5	<0.2
A083	Soil	6	458	2.31	105	0.159	<1	1.92	0.018	0.01	<0.1	<0.01	7.0	<0.1	<0.05	5	<0.5	<0.2
REP A083	QC	6	453	2.42	106	0.159	<1	1.93	0.018	0.01	<0.1	<0.01	7.2	<0.1	<0.05	5	<0.5	<0.2
A104	Soil	15	19	1.94	283	0.143	1	3.02	0.012	0.08	0.4	<0.01	10.9	<0.1	<0.05	14	<0.5	<0.2
REP A104	QC	14	19	1.92	274	0.136	2	3.01	0.016	0.07	0.4	0.01	10.9	<0.1	<0.05	13	<0.5	<0.2
A115	Soil	9	27	0.73	196	0.121	<1	1.68	0.011	0.13	0.2	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
REP A115	QC	10	26	0.73	195	0.123	1	1.70	0.013	0.13	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
C026	Soil	11	27	1.10	418	0.186	<1	2.35	0.021	0.54	<0.1	<0.01	5.8	0.2	<0.05	8	<0.5	<0.2
REP C026	QC	11	28	1.06	410	0.184	<1	2.30	0.019	0.53	<0.1	0.01	5.7	0.2	<0.05	8	0.5	<0.2
C052	Soil	8	23	1.19	103	0.093	2	2.48	0.009	0.09	0.3	0.01	4.9	<0.1	<0.05	10	<0.5	<0.2
REP C052	QC	9	24	1.19	104	0.095	2	2.46	0.012	0.09	0.2	0.01	4.8	<0.1	<0.05	10	0.6	<0.2
C072	Soil	10	36	0.74	203	0.067	2	1.46	0.023	0.04	0.1	0.04	3.2	<0.1	<0.05	4	0.8	<0.2
REP C072	QC	10	36	0.74	207	0.067	2	1.44	0.023	0.04	0.2	0.03	3.3	<0.1	<0.05	4	1.1	<0.2
C099	Soil	14	29	0.60	291	0.095	<1	1.52	0.015	0.08	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
REP C099	QC	14	28	0.60	291	0.090	<1	1.56	0.015	0.08	0.2	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
C106	Soil	24	10	0.41	297	0.018	<1	1.71	0.011	0.20	<0.1	<0.01	7.5	<0.1	<0.05	6	<0.5	<0.2
REP C106	QC	23	10	0.41	294	0.018	<1	1.65	0.014	0.20	<0.1	<0.01	7.2	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS7	Standard	13	187	1.04	377	0.125	42	1.01	0.091	0.44	3.9	0.23	2.4	4.1	0.20	5	3.2	1.3
STD DS7	Standard	13	200	1.04	431	0.118	40	1.04	0.101	0.48	3.9	0.22	2.5	4.2	0.19	5	3.2	1.0
STD DS7	Standard	12	193	1.05	411	0.112	37	1.05	0.100	0.46	3.9	0.20	2.3	4.3	0.18	5	3.0	2.0

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

QUALITY CONTROL REPORT VAN10003147.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**U**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**
		0.1	**0.1**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.5**	**0.1**	**0.5**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**
STD DS7	Standard	20.8	108.4	61.2	383	1.0	51.6	9.2	602	2.34	50.1	4.2	67.5	4.1	63	5.5	5.4	4.1	84	0.91	0.074
STD DS7	Standard	23.1	111.6	67.2	399	1.0	55.2	10.2	646	2.50	54.0	5.1	69.1	4.7	77	7.0	6.6	5.1	91	1.02	0.080
STD DS7	Standard	22.4	112.9	70.0	403	1.0	58.6	9.5	649	2.46	51.8	4.8	71.3	4.9	79	5.9	5.8	4.3	93	1.05	0.077
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT VAN10003147.1

		1DX15	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**	**1DX15**
		La	**Cr**	**Mg**	**Ba**	**Ti**	**B**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**	**Tl**	**S**	**Ga**	**Se**	**Te**
		ppm	**ppm**	**%**	**ppm**	**%**	**ppm**	**%**	**%**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppm**
		1	**1**	**0.01**	**1**	**0.001**	**1**	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.2**
STD DS7	Standard	12	189	0.99	419	0.103	36	0.98	0.101	0.46	3.5	0.22	2.4	4.0	0.18	4	3.3	1.2
STD DS7	Standard	13	197	1.10	439	0.128	43	1.08	0.107	0.52	4.0	0.22	2.6	4.0	0.18	5	3.1	1.4
STD DS7	Standard	14	207	1.08	408	0.143	39	1.09	0.103	0.50	3.7	0.23	2.9	3.9	0.23	5	3.2	2.0
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: July 09, 2010
Report Date: July 26, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10003178.1

CLIENT JOB INFORMATION

Project: ROSEBUD
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	5	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
PICKUP-RJT	Client to Pickup Rejects

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

ADDITIONAL COMMENTS

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 26, 2010

CERTIFICATE OF ANALYSIS VAN10003178.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
R01	Rock	0.28	<0.1	3.7	0.9	2	<0.1	2.5	0.8	50	0.48	1.2	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	3	0.01
R22	Rock	0.23	0.1	1.0	0.7	2	<0.1	0.5	0.2	39	0.34	0.6	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
R34	Rock	0.20	<0.1	0.9	0.9	3	<0.1	0.7	0.3	39	0.33	0.7	0.1	<0.5	0.7	<1	<0.1	<0.1	<0.1	<2	<0.01
R40	Rock	0.33	<0.1	2.6	3.4	66	<0.1	1.6	4.2	451	2.06	1.0	0.4	0.6	7.7	12	0.1	<0.1	<0.1	19	0.24
R70	Rock	0.11	0.3	19.4	4.5	17	<0.1	1.3	1.4	130	1.80	2.3	3.4	<0.5	12.2	28	<0.1	0.1	0.2	10	0.39

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 26, 2010

CERTIFICATE OF ANALYSIS VAN10003178.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
R01	Rock	0.002	<1	10	0.06	3	0.002	<1	0.07	0.004	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
R22	Rock	<0.001	<1	11	<0.01	3	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
R34	Rock	<0.001	<1	10	<0.01	5	0.002	<1	0.02	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
R40	Rock	0.080	28	6	0.36	93	0.172	<1	0.99	0.060	0.76	<0.1	0.01	1.2	0.2	<0.05	6	<0.5	<0.2
R70	Rock	0.032	33	5	0.12	68	0.057	<1	0.68	0.048	0.17	<0.1	<0.01	2.2	0.1	<0.05	4	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 26, 2010

QUALITY CONTROL REPORT VAN10003178.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Reference Materials																					
STD DS7	Standard		21.6	105.3	72.5	395	1.1	53.0	10.1	610	2.43	54.5	5.2	72.3	5.1	76	6.7	6.3	5.4	85	0.98
STD DS7	Standard		21.0	109.2	69.7	420	1.0	57.6	9.9	605	2.42	55.5	5.2	115.9	5.1	78	6.9	6.3	5.3	84	0.99
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	2.9	4.5	56	<0.1	1.4	4.0	612	2.13	0.8	1.9	1.6	8.0	73	<0.1	<0.1	<0.1	39	0.51

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ROSEBUD
Report Date: July 26, 2010

QUALITY CONTROL REPORT VAN10003178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																			
STD DS7	Standard	0.082	13	185	1.07	395	0.122	41	1.03	0.095	0.49	3.5	0.24	2.6	4.1	0.19	5	3.3	1.2
STD DS7	Standard	0.080	14	188	1.06	407	0.123	39	1.04	0.095	0.44	3.9	0.22	2.5	4.3	0.19	5	3.4	1.2
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.085	18	6	0.49	127	0.133	<1	0.86	0.084	0.47	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: July 09, 2010
Report Date: July 27, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10003179.1

CLIENT JOB INFORMATION

Project: ALBERTA CK
Shipment ID:
P.O. Number
Number of Samples: 11

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	11	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
RTRN-RJT	Return

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

ADDITIONAL COMMENTS

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003179.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
A091	Rock	0.28	0.8	3.0	42.9	31	<0.1	3.3	2.1	358	0.26	6.7	1.9	1.9	2.8	40	<0.1	0.6	0.7	<2	<0.01
A092	Rock	0.12	1.2	21.7	8.7	63	<0.1	16.5	1.1	41	1.02	44.7	1.2	1.4	2.8	19	0.1	3.6	0.1	10	0.02
A093	Rock	0.20	1.1	4.1	16.1	25	<0.1	1.9	0.5	110	0.21	9.3	1.9	<0.5	3.5	11	<0.1	0.7	1.0	<2	0.02
A099	Rock	0.09	0.2	2.5	11.6	8	<0.1	4.8	6.4	317	0.73	4.3	2.7	<0.5	10.6	21	<0.1	0.2	<0.1	16	0.84
A112	Rock	0.34	0.9	9.7	4.5	15	<0.1	2.1	2.2	525	0.81	4.4	1.0	<0.5	0.7	84	0.1	4.4	<0.1	14	7.73
A118	Rock	0.30	21.4	58.1	16.0	95	<0.1	25.3	2.7	45	1.66	53.4	1.7	2.3	1.8	27	<0.1	7.4	1.1	20	0.03
A119	Rock	0.17	4.6	12.1	13.6	73	<0.1	12.9	1.0	34	1.01	30.4	0.8	3.3	3.0	22	<0.1	5.0	0.1	15	0.02
A120	Rock	0.11	15.7	53.0	9.9	121	<0.1	28.8	2.9	65	2.04	76.2	1.7	2.9	1.8	33	0.1	8.8	0.9	18	0.02
A121	Rock	0.25	0.9	3.6	10.1	15	<0.1	2.0	0.2	30	0.31	4.6	2.5	<0.5	2.2	28	<0.1	0.5	0.7	<2	0.02
A122	Rock	0.15	1.3	1.7	11.7	25	<0.1	3.7	0.4	41	0.35	6.2	2.6	<0.5	3.0	35	<0.1	0.6	1.4	<2	0.02
A123	Rock	0.23	0.4	1.0	17.1	9	<0.1	1.0	0.3	49	0.30	2.3	2.6	<0.5	11.0	4	<0.1	0.3	0.2	<2	0.02

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

CERTIFICATE OF ANALYSIS VAN10003179.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
A091	Rock	0.006	2	2	<0.01	92	<0.001	7	0.45	0.003	0.17	<0.1	0.02	0.3	0.1	<0.05	1	<0.5	<0.2
A092	Rock	0.013	10	12	0.03	90	0.002	5	0.41	0.003	0.20	<0.1	<0.01	1.5	<0.1	<0.05	1	2.0	<0.2
A093	Rock	0.004	3	<1	<0.01	27	<0.001	8	0.41	0.003	0.18	<0.1	0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
A099	Rock	0.061	13	5	0.95	88	0.075	4	1.04	0.156	0.09	<0.1	<0.01	2.0	<0.1	<0.05	2	<0.5	<0.2
A112	Rock	0.026	3	4	1.18	58	<0.001	2	0.17	0.003	0.07	<0.1	0.05	1.1	<0.1	<0.05	<1	<0.5	<0.2
A118	Rock	0.016	7	12	0.03	1047	<0.001	6	0.28	0.002	0.19	0.1	0.01	1.0	<0.1	<0.05	1	5.4	<0.2
A119	Rock	0.018	12	13	0.05	510	0.003	6	0.42	0.002	0.31	0.1	<0.01	1.3	0.1	<0.05	2	4.6	<0.2
A120	Rock	0.021	9	13	0.03	746	0.001	5	0.35	0.002	0.25	0.1	<0.01	1.6	0.1	<0.05	1	7.0	<0.2
A121	Rock	0.006	2	5	<0.01	263	<0.001	4	0.47	0.002	0.11	<0.1	0.09	0.3	<0.1	<0.05	1	<0.5	<0.2
A122	Rock	0.006	2	2	<0.01	342	<0.001	8	0.58	0.003	0.17	<0.1	0.14	0.4	<0.1	<0.05	1	0.6	<0.2
A123	Rock	0.009	5	4	0.01	30	<0.001	4	0.31	0.040	0.22	<0.1	<0.01	0.5	0.1	<0.05	1	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

QUALITY CONTROL REPORT VAN10003179.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
A093	Rock	0.20	1.1	4.1	16.1	25	<0.1	1.9	0.5	110	0.21	9.3	1.9	<0.5	3.5	11	<0.1	0.7	1.0	<2	0.02
REP A093	QC		1.2	4.1	15.9	26	<0.1	2.3	0.5	114	0.22	9.1	1.9	<0.5	3.3	12	<0.1	0.8	1.0	<2	0.02
Reference Materials																					
STD DS7	Standard		20.2	109.4	68.5	398	1.1	54.6	9.1	631	2.41	52.8	4.6	66.6	4.5	71	6.2	6.0	4.4	82	0.94
STD DS7	Standard		20.5	107.3	69.3	400	1.0	55.7	9.3	622	2.41	52.0	4.7	78.0	4.6	72	6.6	6.0	4.3	82	0.96
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.2	3.2	10.4	52	<0.1	2.0	3.7	572	1.93	10.9	1.5	19.8	5.6	57	<0.1	0.3	<0.1	38	0.48
G1	Prep Blank	<0.01	0.2	3.7	11.9	57	<0.1	1.5	3.5	562	1.88	35.1	1.6	4.1	5.8	58	<0.1	0.4	<0.1	36	0.47

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

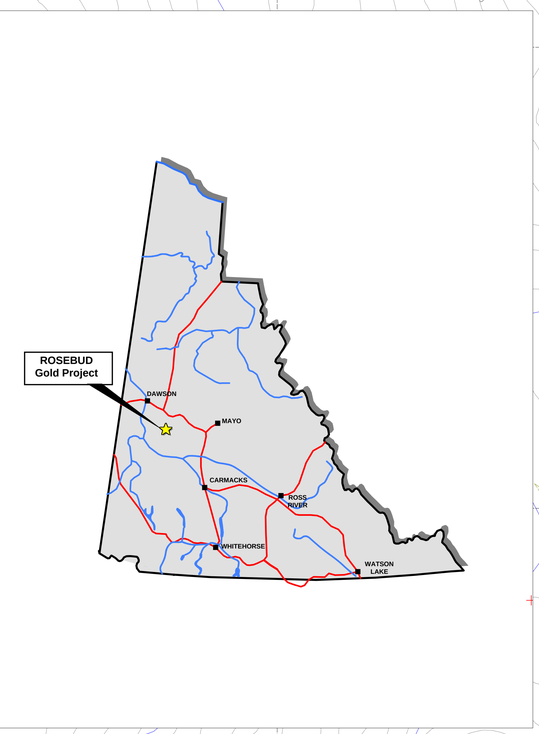
Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: ALBERTA CK
Report Date: July 27, 2010

QUALITY CONTROL REPORT VAN10003179.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
A093	Rock	0.004	3	<1	<0.01	27	<0.001	8	0.41	0.003	0.18	<0.1	0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
REP A093	QC	0.005	4	3	<0.01	29	<0.001	7	0.42	0.003	0.19	<0.1	0.02	0.2	0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD DS7	Standard	0.076	12	192	1.04	414	0.120	40	1.02	0.091	0.47	3.6	0.21	2.3	4.0	0.20	5	3.1	1.7
STD DS7	Standard	0.076	13	195	1.08	427	0.125	39	1.02	0.094	0.48	3.8	0.22	2.4	4.2	0.20	5	3.1	1.7
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.075	14	6	0.46	132	0.122	2	0.83	0.088	0.47	<0.1	0.02	1.8	0.4	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.082	14	6	0.46	128	0.125	2	0.83	0.088	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2

640,000 mE
642,000 mE
644,000 mE
646,000 mE
648,000 mE
7,014,000 mN
7,012,000 mN
7,010,000 mN
7,008,000 mN



Soil Geochemistry
Gold (ppb)
- 8 to 100
- 5 to 8
- 1 to 5
- all others

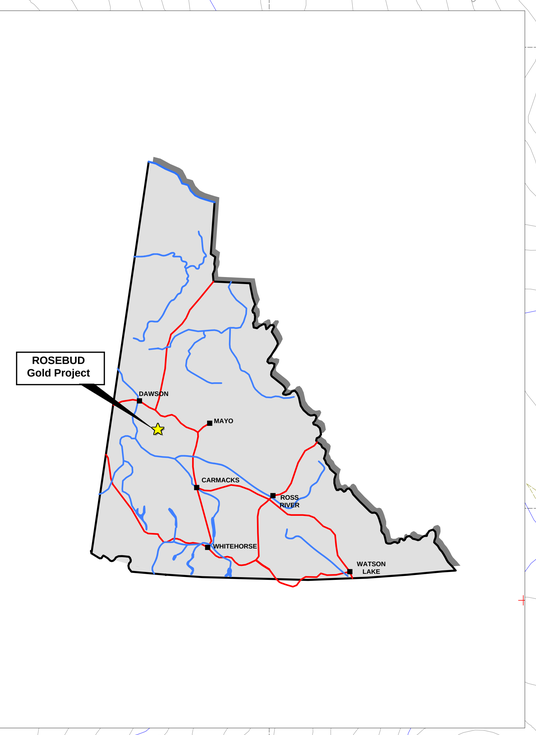
G. Richards

Rosebud Project
Rosebud Creek Area
Soil Geochemistry
Sample Locations

Date:7/1/2011
Author: G. Richards
Office:
Drawing:
Scale: 1:10000
Projection: UTM Zone 7 (NAD 83)

0 125 250 500
metres

640,000 mE
642,000 mE
644,000 mE
646,000 mE
648,000 mE
7,014,000 mN
7,012,000 mN
7,010,000 mN
7,008,000 mN



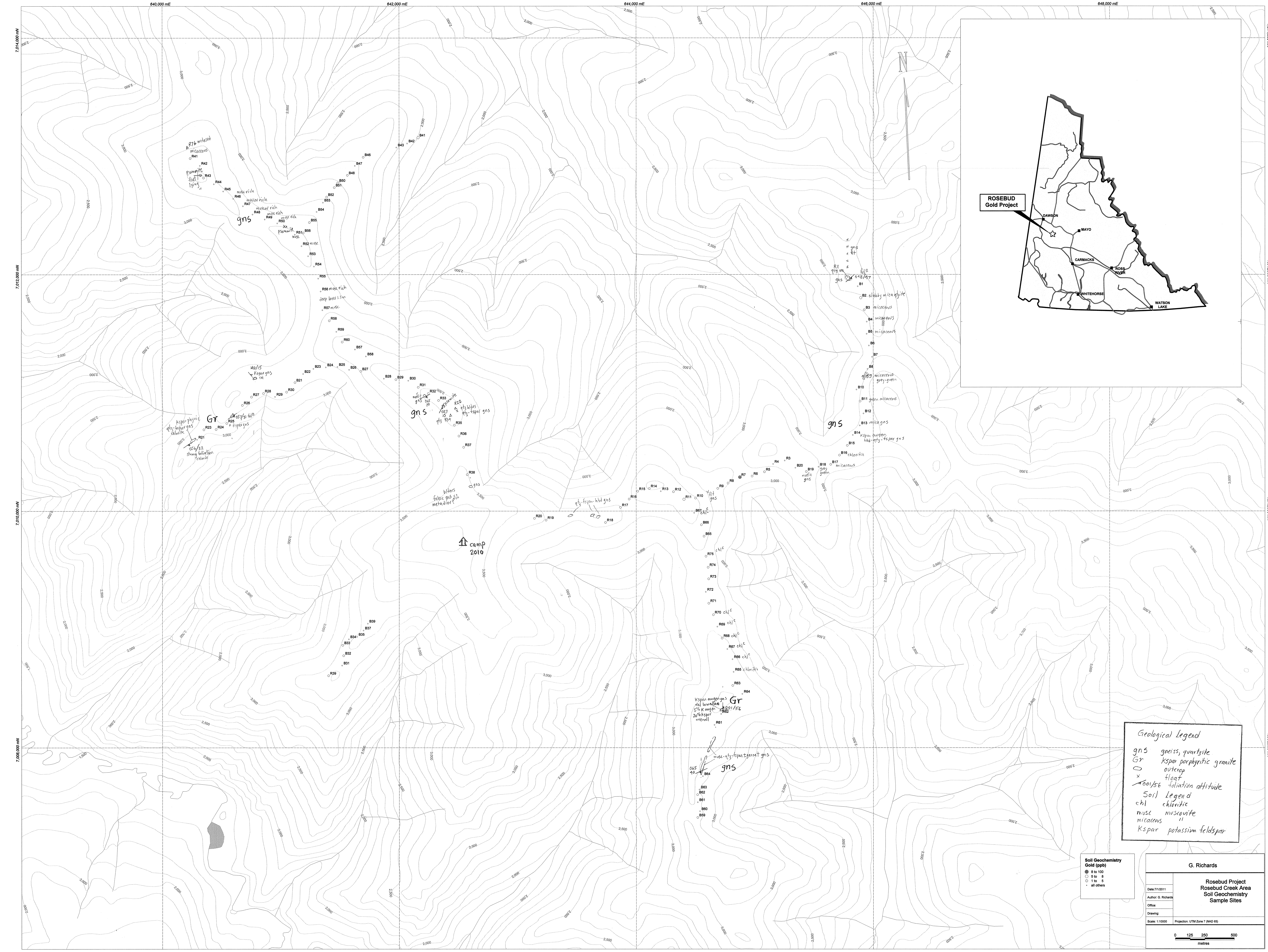
Soil Geochemistry
Gold (ppb)
- 8 to 100
- 5 to 8
- 1 to 5
- all others

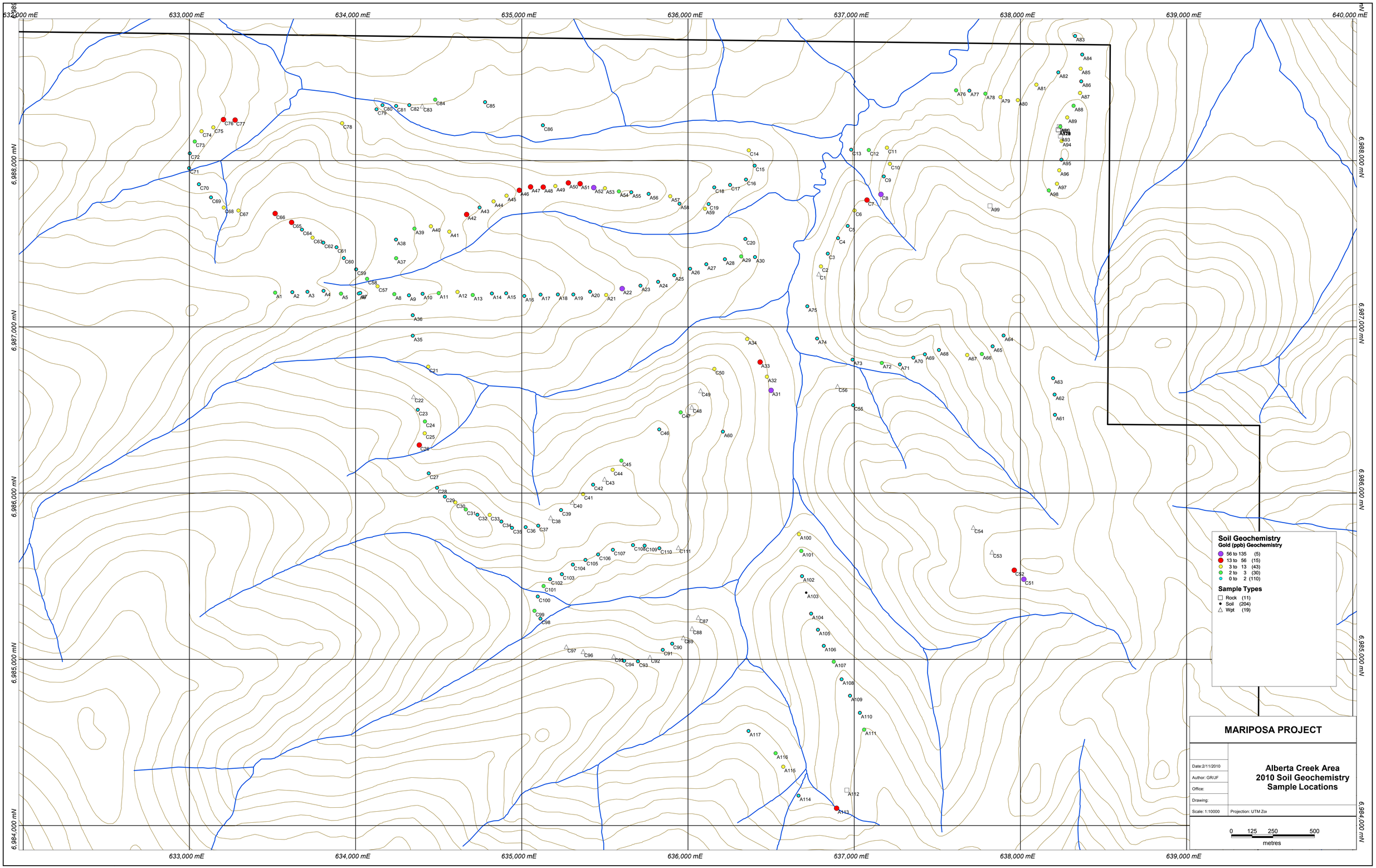
G. Richards

Rosebud Project
Rosebud Creek Area
Soil Geochemistry
Gold (ppb)

Date:7/1/2011
Author: G. Richards
Office:
Drawing:
Scale: 1:10000
Projection: UTM Zone 7 (NAD 83)

0 125 250 500
metres


640,000 mE
642,000 mE
644,000 mE
646,000 mE
648,000 mE
7,014,000 mN
7,012,000 mN
7,010,000 mN
7,008,000 mN
N
ROSEBUD
Gold Project
DAWSON
MAYO
CARMACKS
ROSS RIVER
WHITEHORSE
WATSON LAKE
camp 2010
gns
Gr
Geological Legend
gns gneiss, quartzite
Gr Kspar porphyritic granite
outcrop
× float
001/56 foliation attitude
Soil Legend
chl chloritic
musc muscovite
micaceous "
Kspar potassium feldspar
Soil Geochemistry
Gold (ppb)
8 to 100
5 to 8
1 to 5
all others
G. Richards
Rosebud Project
Rosebud Creek Area
Soil Geochemistry
Sample Sites
Date:7/1/2011
Author: G. Richards
Office:
Drawing:
Scale: 1:10000
Projection: UTM Zone 7 (NAD 83)
0 125 250 500
metres


633,000 mE
634,000 mE
635,000 mE
636,000 mE
637,000 mE
638,000 mE
639,000 mE
640,000 mE
6,988,000 mN
6,987,000 mN
6,986,000 mN
6,985,000 mN
6,984,000 mN
Soil Geochemistry
Gold (ppb) Geochemistry
56 to 135 (5)
13 to 56 (15)
3 to 13 (43)
2 to 3 (30)
0 to 2 (110)
Sample Types
Rock (11)
Soil (204)
Wpt (19)
MARIPOSA PROJECT
Alberta Creek Area
2010 Soil Geochemistry
Sample Locations
Date:2/11/2010
Author: GR/JF
Office:
Drawing:
Scale: 1:10000
Projection: UTM Zo
0 125 250 500
metres

633,000 mE
634,000 mE
635,000 mE
636,000 mE
637,000 mE
638,000 mE
639,000 mE
640,000 mE
6,988,000 mN
6,987,000 mN
6,986,000 mN
6,985,000 mN
6,984,000 mN

Soil Geochemistry
Gold (ppb) Geochemistry

- 56 to 135 (5)
- 13 to 56 (15)
- 3 to 13 (43)
- 2 to 3 (30)
- 0 to 2 (110)

Sample Types

- Rock (11)
- Soil (204)
- Wpt (19)

MARIPOSA PROJECT

Date:2/11/2010	**Alberta Creek Area 2010 Soil Geochemistry GOLD (Au) ppb**
Author: GR/JF	
Office:	
Drawing:	
Scale: 1:10000	Projection: UTM Zo1

0 125 250 500
metres

633,000 mE | 634,000 mE | 635,000 mE | 636,000 mE | 637,000 mE | 638,000 mE | 639,000 mE | 640,000 mE

6,988,000 mN | 6,987,000 mN | 6,986,000 mN | 6,985,000 mN | 6,984,000 mN

Soil Geochemistry
Lead (Pb) ppm

15	to 75.2	(7)
10	to 15	(14)
5	to 10	(124)
1	to 5	(55)
0.7	to 1	(3)

Sample Types

Rock	(11)
Soil	(204)
Wpt	(19)

MARIPOSA PROJECT

Date:2/11/2010	**Alberta Creek Area 2010 Soil Geochemistry LEAD (Pb) ppm**
Author: GR/JF	
Office:	
Drawing:	
Scale: 1:10000	Projection: UTM Zo

0 125 250 500
metres