Technical Report

Note – Statement of Costs is on p.14

Geology and Geochemistry of the TL3 and 4 Properties, Whip Creek, Southeastern British Columbia

North Okanagan Regional District, Kamloops Land Title District, British Columbia

NTS 82L/9,10

UTM Zone 11, 394500E, 5605200N (NAD 83)

By

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For

Property owners/operators:

RIT Minerals (RITM) Corp.
10915 Deep Cove Rd.
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Table of Contents

Tables

Figures

Appendices

1.0 Summary

Two and a half days were spent examining the terrain and collecting soil and vegetation samples from the TL3 property and TL4 property.

The properties are underlain by upper amphibolite-grade, penetratively deformed paragneiss and schist belonging to the Paleoproterozoic Monashee cover assemblage intruded by Eocene pegmatitic granite called the Ladybird granite. This succession contains marble, quartzite and amphibolites typical of the host rocks for the Kingfisher (Colby) and Ledge deposits occurring to the northwest and southeast of the TL properties, respectively. The sulphide-bearing succession at the TL properties is interpreted to be the same stratigraphic interval as that at Kingfisher and Ledge.

2.0 Introduction and Terms of Reference

RIT Minerals Corp. and Colin E. Dunn PhD (independent consultant) jointly staked the TL3 and TL4 claims (831234 and 831248, respectively) totaling 923.1 hectares straddling Whip Creek, a tributary of Tsuius Creek, western Monashee Mountains; this report summarizes the results from geochemical exploration activities undertaken in the 12 months since August 2010. The authors, R.I. (Bob) Thompson PhD, PEng., Renée Hetherington, PhD, and Colin E. Dunn, PhD, P.Geo, each spent 2.5 days in July and September, 2010, collecting soil and vegetation samples for geochemical analysis.

2.1 Terms of Reference

The authors have formed the *TL Property Partnership* for the purpose of exploring the TL claims. No fees were paid the partnership, and the preparation of this Technical Report is not dependent in whole or in part on any prior or future engagement. The claim for work done is in accordance with industry standards for work of this nature.

All of the figures in this report were prepared by, or under the direction of, the authors. The sections of this report that discuss geochemical aspects of the Property rely in part on new analyses of vegetation and soil samples collected by the authors and analyzed by Acme Laboratories Ltd. (Vancouver) - an accredited, third party, independent laboratory. Sections of the report that describe regional-, local- and property-scale geology rely on field work undertaken by the authors and on the following reports:

> Dunn, C.E. and R.I. Thompson 2007, Biogeochemical Exploration using Douglas-fir Tree Tops in the Mabel Lake Area, Southern British Columbia (NTS 82L09 and 10), GSC Open File 5538.

Thompson, R.I., Glombick, P., Erdmer, P., Heaman, L.M., Lemieux, Y. and Daughtry, K.L., 2006, Evolution of the ancestral Pacific margin, southern Canadian Cordillera: Insights from new geological maps, *in* Colpron, M. and Nelson, J.L., eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North American, Canadian and Alaskan Cordillera: Geological Association of Canada, Special Paper 45, p. 433-482.

This report presents: 1) a description of the general geological setting of the Property; and 2) description and analysis of soil and vegetation geochemical samples and results, and an evaluation of the merits of the Property. Reports reviewed by the authors are listed in the references at the end of this report.

The authors are familiar with the TL3 and 4 and adjacent properties having each spent 2.5 days exploring them in July and September of 2010, as well as having spent several days over the period from 2005-2008 evaluating the area in general. As well, the authors have examined the area as part of regional mapping and geochemical surveys (references cited above).
All measurement units used in this report are metric. The coordinate system in use on the Property and on all maps is UTM zone 11 (NAD83).

2.2 Abbreviations and Acronyms

A list of frequently used acronyms and abbreviations follow:
Ag: silver
As: arsenic
Au: gold
Bi: bismuth
cm: centimetre
Cu: copper
g/t: grams per tone
Hg: mercury
ICP-ES: Inductively Coupled Plasma Emission Spectrometry (analytical method)
ICP-MS: Inductively Coupled Plasma Mass Spectrometry (analytical method)
INAA: Instrumental neutron activation analysis (analytical method)
kg: kilogram
km: kilometre
m: metre
masl: metres above sea level
mm: millimetre
ppb: parts per billion
ppm: parts per million (34.286 ppm equals one troy ounce per short ton)
Pb: lead
Tl: thallium
tonne: metric ton (1000 kg)
Zn: zinc

In addition, many other standard chemical symbols are included in the lists of analytical work undertaken.

3.0 Mineral Tenure Description and Location

The TL3 and TL 4 properties are roughly centered at: UTM Zone 11, 394500E, 5605200N (NAD 83) within NTS map sheets 82L/9,10 in the southwest portion of the Monashee Mountains of southern British Columbia. The tenures occupy the north facing slope of Tsuius Creek (Fig. 2), which drains west into Mabel Lake (Fig. 1); the town of Lumby is located 59 km to the south southwest on highway 6; and the town of Vernon is located a further 21 km west of Lumby, in the North Okanagan Valley at the junction of highways 6 and 97 (Fig. 1).

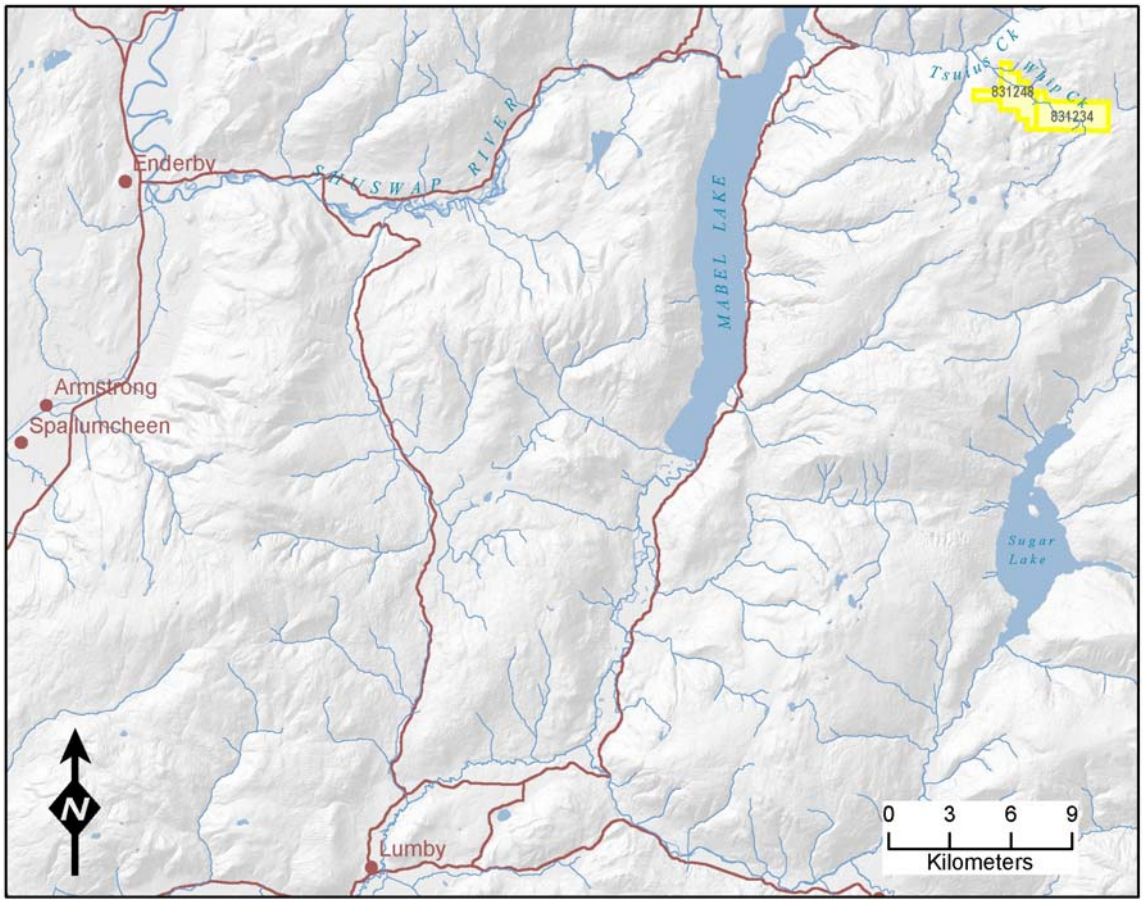


Figure 1: Location of TL3 and TL4 mineral tenures on the southwest margin of the Monashee Mountains. Vernon, just SW of the map, is the closest major logistical centre.

Figure 2: Typical forest with rare bedrock exposure.

The TL 3 and 4 Properties comprise 2 tenures encompassing 984.4 hectares (Fig. 3; Table 1). The mineral cell titles were acquired online and as such there are no posts or lines marking the location of the Property on the ground.

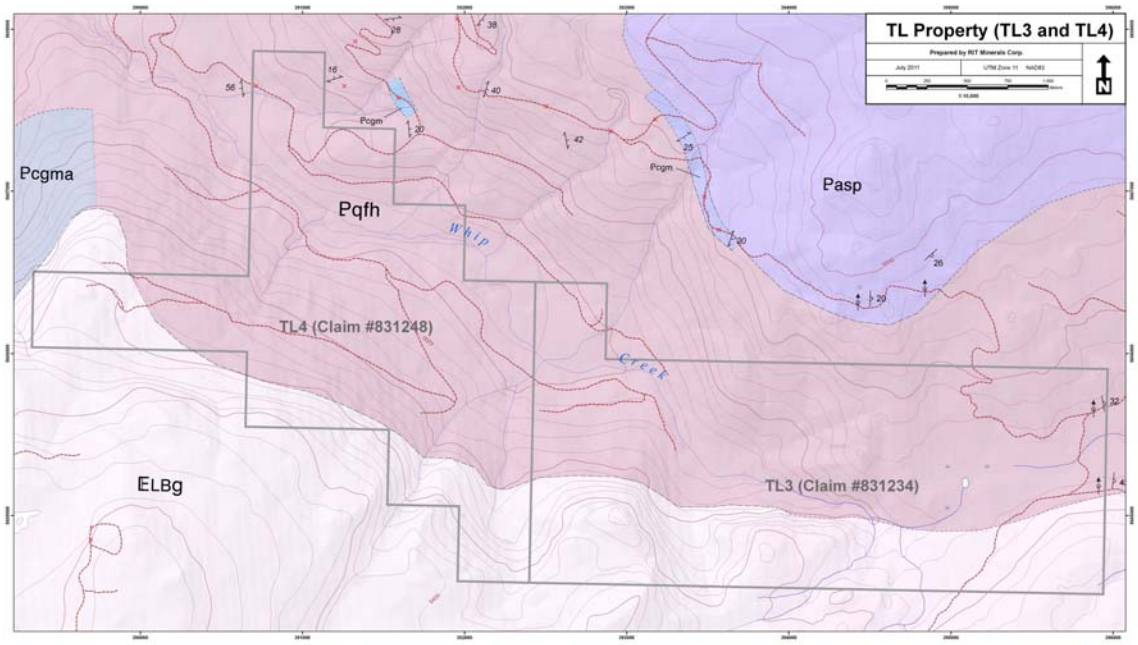


Figure 3: Location of the TL3 and TL4 mineral tenures relative to the geology, topography and drainage. Refer to Appendix 1 for scale-independent viewing and plotting.

Tenure Number	Good to Date	Claim Number	Owner	Area (Hectares)
831234	7th August, 2011	TL3	50% ritm Corp / 50% Colin Dunn	512.88
831248	7th August, 2011	TL4	50% ritm Corp / 50% Colin Dunn	410.24

Table 1: Description of the TL3 and TL4 mineral titles.

4.0 Accessibility, Climate, Local Resources, Infrastructure, and Physiography

Maps showing up-to-date road access for the region are available from Front Counter BC located in the Provincial Forest Services office in Vernon.

The Property is accessible from the town of Lumby (Fig. 1): Proceed east 23 km to the Sugar Lake turnoff (Monashee Provincial Park and then north on the Sugar Lake road approximately 45 km to a major logging haulage road; proceed approximately 10 km up the haulage road to the TL 3 and 4 Claims.

Given the steep terrain and dense undergrowth, off road traverses require significant physical effort.

The towns of Lumby and Vernon are the nearest major supply centres where material and services adequate to explore the property can be found. Infrastructure resources are excellent and readily available. The Property is within a few kms of the hydroelectric grid. The region has a long history of mining, hence personnel with heavy equipment, exploration and mining experience are available. The climate is benign, with agreeable spring-summer-fall seasons and a temperate winter that sees significant (>1 m) snow accumulations at upper levels of Tsuius Valley and Whip Creek while valley bottoms may be relatively snow-free. Work above 1200 m is seasonal, limited to June through mid October; at lower elevations the field season extends from late April until November.

The Property is underlain by moderate to rugged slopes cut by deeply incised, steep tributary streams that flow north and south into Tsuius Creek. Elevations range from 700m to 2500 m. Tree species are dominated at lower elevations by Interior Douglas Fir (*Pseudotsuga menziesii*), Western Hemlock (*Tsuga heterophylla*), and Western Redcedar (*Thuja plicata*); Subalpine Fir (*Abies lasiocarpa*) and Engelmann Spruce *(Picea engelmannii)* are present at higher elevations; Sitka Alder (*Alnus crispa*) may occupy moist, shaded areas, avalanche shoots and steep stream beds; White-Flowered Rhododendron (*Rhododendron albiflorum*) grows in very thick masses on shady, moist, subalpine slopes and lives up to its nickname “mountain misery”.

5.0 Exploration History

Streams that drain the Monashee Mountains are gold-bearing and have been prospected for placer minerals since the late 1800’s. Lode occurrences, mainly as gold in quartz veins cutting the black siltstone and shale of the Triassic Slocan Formation, have provided a focus for prospectors and local entrepreneurs; however, major exploration effort and expenditure in more recent times has focused on the base-metal potential of the region.

Two significant base metal occurrences, Kingfisher (Colby) and Big Ledge, occur northwest and southeast of the TL properties, respectively (Fig. 4). The reader is referred to geological accounts prepared by Höy, 1976, 1977a, 1977b.

6.0 Geological Setting

Six stratabound zinc-lead-silver deposits, called the "Monashee Zn-Pb-Ag" deposits, are known in highly metamorphosed and deformed Palaeoproterozic meta-sedimentary and meta-igneous rocks of the Monashee Complex of southeastern British Columbia (Fig 4). In all of the six Monashee Zn-Pb-Ag deposits, mineralization occurs within a relatively narrow (~50-100m thick), pelitic schist-calcsilicate-marble-amphibolite-quartzite succession, called the Monashee Cover Sequence (Fig. 5). A strong case can be made that the mineralized interval is part of the same stratigraphic interval at all deposit localities. The TL property geochemical anomaly contains the target (mineralized) Monashee cover sequence. Its geographic location, between the Big Ledge and Kingfisher (Colby) deposits (Fig. 4) in the southern portion of the Monashee complex, defines an east-west trending belt that, until recently, was not recognized as belonging to the Monashee cover sequence (Thompson et al., 2006), hence exploration companies have tended to ignore the area.

The TL3 and TL4 properties occur near the eastern edge of a Proterozoic basin developed between 1.8 and 2.0 billion years ago (Thompson et al., 2006; Fig. 5). This basin has an analogue in Yukon and Northwest Territories called Wernecke (Thorkelson, 2000; Thorkelson et al., 2001) and as such represents a new interpretation of strata hosting Monashee stratiform base metal deposits. In the Monashees, the succession has been metamorphosed to upper amphibolite metamorphic facies and penetratively deformed.

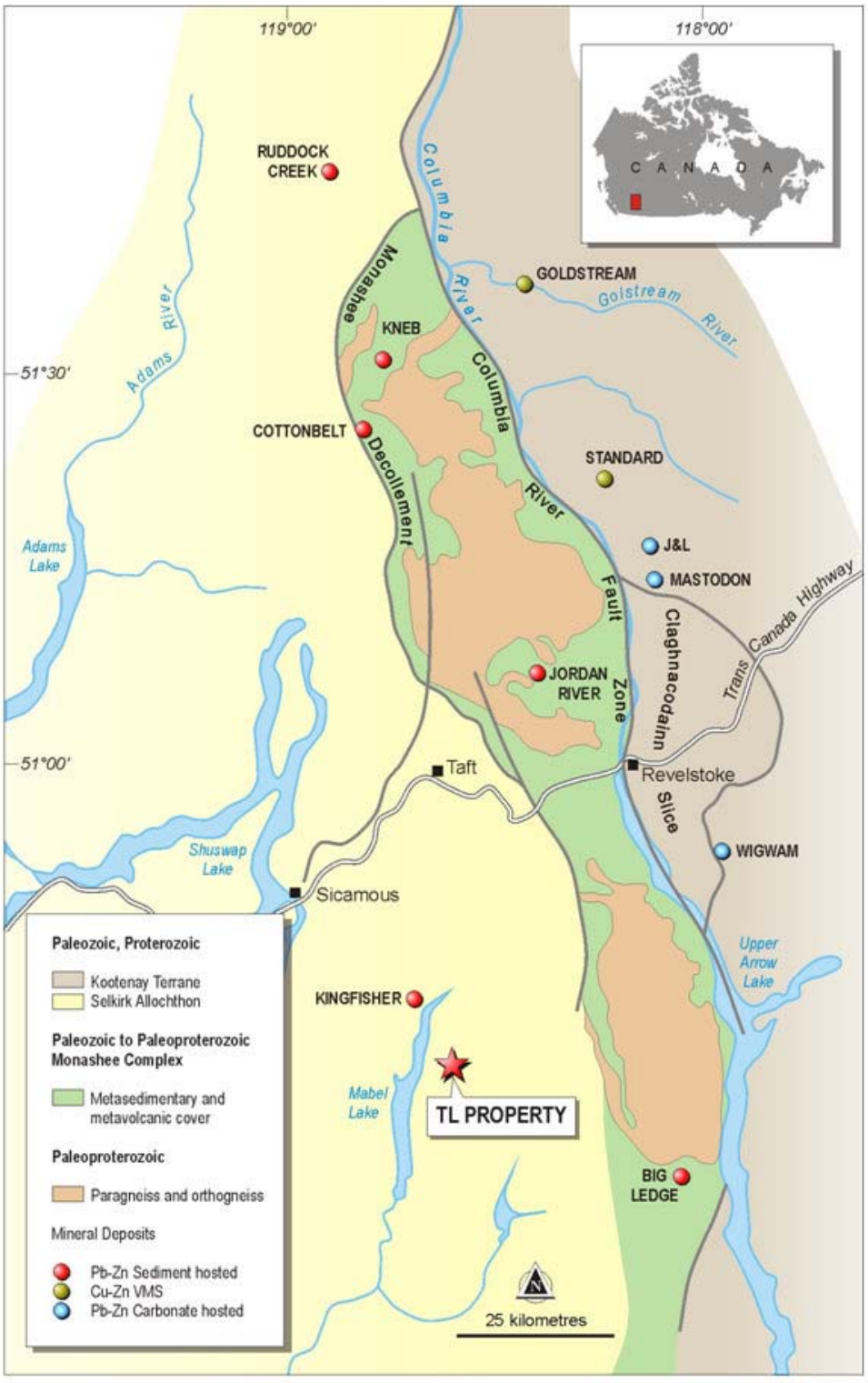


Figure 4: Regional geological map showing the distribution of stratabound Pb-Zn-Ag deposits around the TL Property (note the Selkirk Allochthon rocks between Kingfisher and Big Ledge, have been remapped as Monashee Cover Sequence**).**

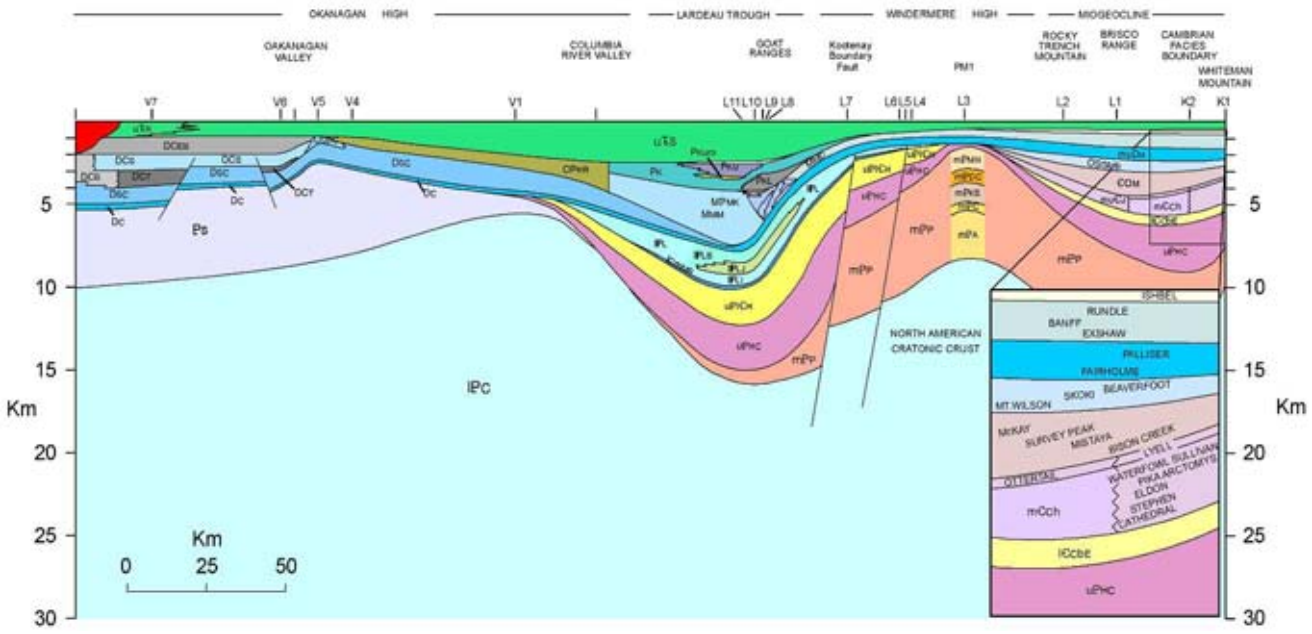


Figure 5: Regional stratigraphic cross section (not restored) showing the relative distribution and thickness of the major stratigraphic sequences making up the southern Canadian Cordillera (from Thompson et al., 2006). mPP (orange) = Mesoproterozoic Purcell sequence; uPHC (pink) = Neoproterozoic Windermere assemblage; uPlCH (yellow) + lPL (turquoise) = lower Paleozoic ancient Pacific margin assemblage; D + M + MP + P + uTr (blue, grey, green) = upper Paleozoic-Mesozoic back-arc assemblage.

6.1 Local Geology

The local area geology comprises a homoclinal succession of biotite-garnet (±hornblende) schist and paragneiss, marble, calcsilicate, amphibolitic schist and quartzite which dips gently to moderately west (Fig. 6) and is cut by sill-like bodies of Ladybird pegmatitic granite.

The most distinctive marker units – white, massive marble – are continuous and vary in thickness from less than 1 m to more than 10 m. Composition varies along strike with more pelitic layers and facies exhibiting calc-silicate minerals. A significant change in thickness and facies occurs along the lower, north slope of Tsuius Creek where massive white marble changes eastward into pelitic calc-silicate before passing laterally into biotite-garnet schist. Marble occurs at two levels on the properties; they are considered separate and distinct; however, one cannot rule out an attenuated nappe interpretation.

Two other marker units, a calc-silicate gneiss unit and a pelitic quartzite unit were also distinguished from the host of schist and paragneiss. The calc-silicate gneiss weathers light grey to rusty brown, consisting of massive, white to brown marble intercalated with amphibolitic schist and amphibolite. The quartzite is less than 5 m

thick and is intercalated with sillimanite-garnet-biotite schist, biotite-quartz-feldspar paragneiss.

Biotite-garnet (±hornblende) schist and paragneiss is host to the marker units. It also contains thin units of amphibolite schist, calcsilicate, marble and pelitic marble which were not individually mappable due to lack of exposure

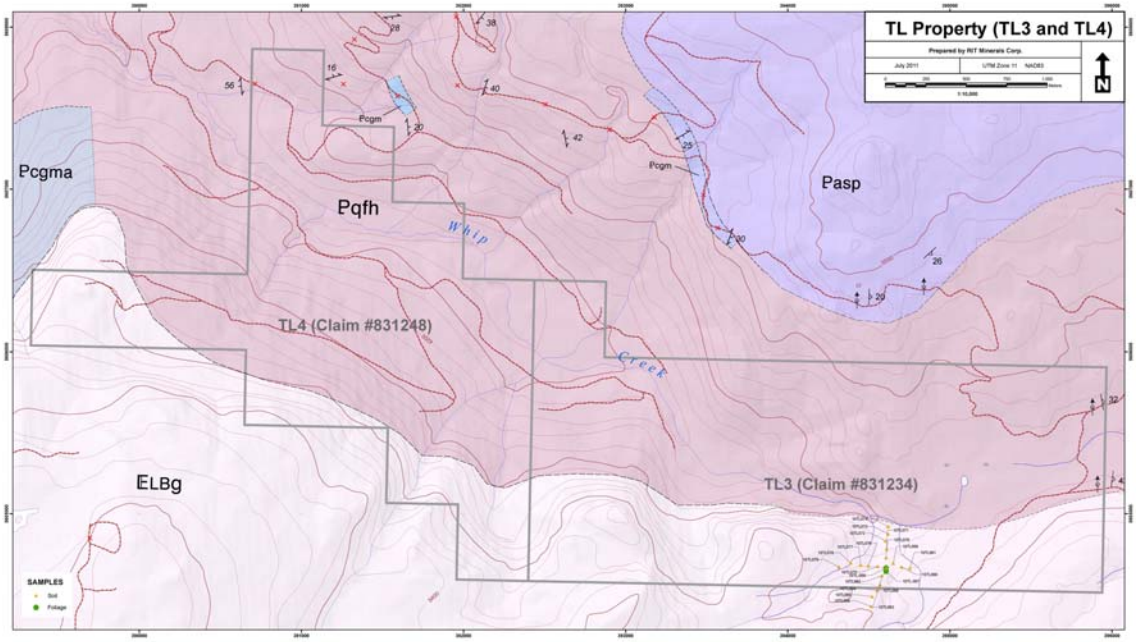


Figure 6: Local geology of the TL3 and TL4 properties showing the distribution and type of sampling undertaken. Map units are the following: Pqfh: Quartz-feldspar-biotite schist, feldspar-quartz-hornblende-biotite schist, amphibolite, calc-silicate gneiss, micaceous quartzite; Pcgma: Amphibolitic schist, calc-silicate, marble, pelitic marble; Pcgm: Marble; Pcgma: Calc-silicate gneiss; ELBg: Ladybird granite (Eocene). Refer to Appendix 1 for scale-independent figure appropriate for viewing detail.

6.2 Property Geology

Exposure is very limited on the property, especially in the vicinity of the geochemical anomaly of greatest interest (Fig. 2). The only obvious outcrops are ribs and steep cliffs of pegmatitic granite; garnet-biotite-schist occurs in root balls of upturned trees and exposed in the beds of the nearby fast-flowing Whip Creek (Fig. 7). Otherwise the area is covered by dense vegetation which obscures the geology (Fig. 2).

Fig. 7: Exposure of bedrock in Whip Creek

7.0 Mineralization

No outcropping mineralization has been observed.

8.0 Sampling, Analytical Methods and Verification

In the authors' opinion, all samples were securely handled. Samples were placed in kraft paper bags and their tops secured. They were shipped to Acme Labs Ltd. (Acme) in Vancouver, B.C., together with sample shipment forms listing the sample numbers. Acme used proper and secure handling procedures prior to, and during, preparation and analysis of the samples. The organic-rich (Ah) soil samples were oven-dried at 70^{o}C, screened to -80 mesh and the latter analyzed by 53-element ICP-MS and ICP-ES. Sample analysis was the sole responsibility of the accredited laboratories. The vegetation samples were oven-dried then milled to a fine powder prior to digestion in aqua regia and multi element ICP-MS determinations.

Analytical precision and accuracy were checked against sample standards. Laboratory analytical certificates (Appendices 2 and 3) were vetted by the authors for unreasonable values caused by typographical errors, mistaken units, or corrupted data entries. Results were also checked against internal laboratory standards for both

accuracy and precision. In the authors' opinion, the results provided by Acme, and reported here in Appendices 2 and 3, meet or surpass industry standards for accuracy and precision. .

Acme Analytical Laboratories Ltd. is accredited under ISO 9002; it is a participant in the CAEAL Proficiency Testing Program; and is registered by the BC Ministry of Water, Land and Air Protection under the Environmental Data Quality Assurance (EDQA) Regulation; Acme also participates regularly in the CANMET and Geostats round robin proficiency tests.

9.0 Analytical Results

9.1 Soils

A soil (Ah horizon) geochemistry sampling program was conducted, centred upon a subtle anomaly of thallium (Tl) in treetops found during a regional airborne treetop sampling program, undertaken in 2005 by the GSC (Dunn and Thompson, 2007). Each sample was given a unique field number and UTM coordinate. This information has been collated with analytical results (Fig. 6 and Appendix 1 (for detail); Table 2) received from Acme and the lab certificates produced as Appendix 2.

Samples were taken at 50 m intervals along two perpendicular lines that crossed over the centre of the tree that yielded the highest Tl concentration. A total of 19 samples of soils were collected.

Slight enrichments of Tl were confirmed (up to 3 times background levels), and concentrations, well above background, of several elements were recorded – notably Ag, Ba, Cu, Co, Hg, Mo, Pb and Zn (Table 2). Figure 8 shows plots of Ag, Cu, Zn, Pb, Tl and Hg with respect to the original tree (intersection of the 2 traverses) that yielded the most anomalous level of Tl.

Easting	Northing	Sample No		Ag	As	Au	Ba	Bi	Cd	Ce	Co	Cu	Hg	Mn	Mo	Ni	Pb	Sb	Tl	Zn
			Type	ppb	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
394607	5604667	10TL058	Soil	146	1.4	0.7	75	0.14	0.56	2.1	0.8	10	384	571	0.68	4.6	25	0.55	0.21	82.2
394650	5604695	10TL059	Soil	105	3.7	0.4	124	0.35	0.56	15.9	3	14	137	1497	0.87	8.9	22	0.35	0.09	68.4
394700	5604673	10TL060	Soil	208	0.8	0.4	129	0.42	0.33	7.4	1.7	8	107	136	0.9	5.3	41	0.45	0.1	79.6
394753	5604663	10TL061	Soil	68	0.5	0.5	211	0.07	0.64	2.9	3.4	9	185	4379	0.29	6.3	10	0.11	0.25	227.1
394578	5604618	10TL062	Soil	139	0.8	0.3	439	0.23	0.65	3	2.2	9	291	370	0.63	5.2	61	0.9	0.41	187
394570	5604562	10TL063	Soil	16	0.05	0.1	147	0.04	0.27	0.6	0.3	7	210	2052	0.28	2.6	6	0.08	0.32	156.3
394550	5604527	10TL064	Soil	583	1.8	0.4	155	0.34	1.56	46.6	39.1	27	259	2895	3.19	14.8	47	1.38	0.4	96.2
394521	5604489	10TL065	Soil	375	1.2	0.3	167	0.27	1.02	23.1	3.4	18	163	72	0.89	9.7	21	0.19	0.07	39.2
394513	5604428	10TL066	Soil	69	0.3	0.1	144	0.12	0.28	1.2	0.4	11	241	474	0.25	2.2	20	0.39	0.21	131.1
394606	5604729	10TL070	Soil	676	1.2	1.4	107	0.23	0.41	2.2	0.6	8	325	117	0.61	3.4	47	0.83	0.1	43.4
394609	5604783	10TL071	Soil	130	0.6	3.2	229	0.16	0.59	3.4	0.7	9	303	90	0.52	2.7	34	0.8	0.06	44.3
394603	5604833	10TL072	Soil	302	0.9	2.1	152	0.22	0.63	4.6	1.2	9	184	118	0.69	5	49	0.7	0.16	42.4
394619	5604875	10TL073	Soil	316	1.6	1.2	135	0.25	0.83	9	1.3	12	141	85	0.64	6.8	45	0.67	0.06	41.2
394619	5604921	10TL074	Soil	298	2.3	0.3	213	0.35	0.96	3.3	0.8	7	254	157	0.68	5.5	67	1.54	0.1	38.1
394555	5604676	10TL075	Soil	78	0.3	1.5	104	0.09	0.79	1.3	0.7	10	503	4349	0.35	2.7	23	0.41	0.34	67.3
394496	5604679	10TL076	Soil	65	0.2	2.5	152	0.06	0.32	1.2	0.6	9	266	612	0.34	2.8	11	0.17	0.14	74.2
394450	5604686	10TL077	Soil	41	0.05	3.3	79	0.06	0.24	0.7	0.4	10	213	466	0.29	2.4	10	0.16	0.1	45.7
394388	5604697	10TL078	Soil	181	1.7	0.6	121	0.37	0.71	10.3	2.2	9	121	147	1.33	5	67	0.61	0.09	66
394316	5604671	10TL079	Soil	52	0.2	3.3	141	0.07	0.27	1.1	0.5	10	267	573	0.36	3	17	0.25	0.32	110.8

Table 2 Selected data from the analysis of dry Ah soils

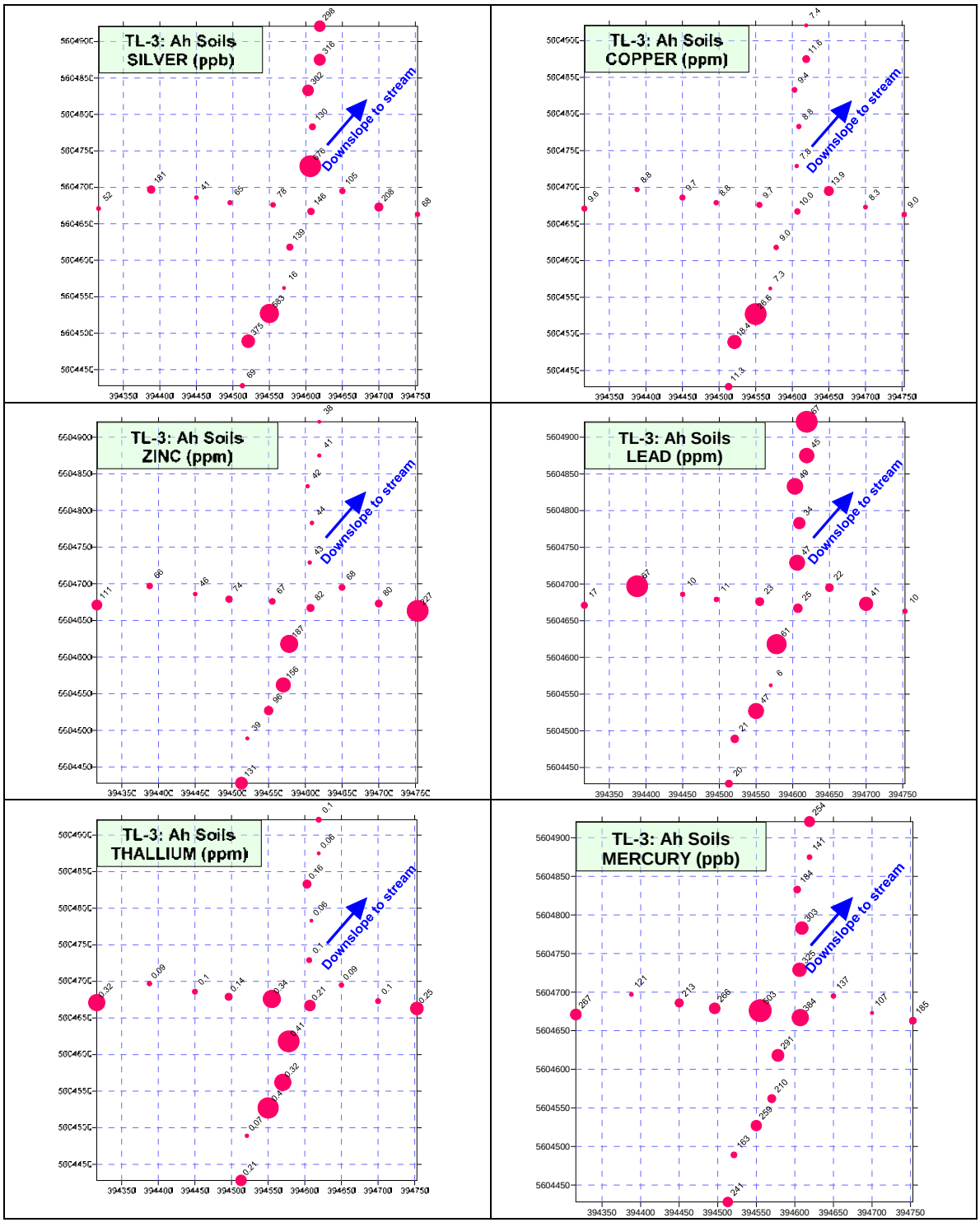


Fig. 8: Ag, Cu, Zn, Pb, Tl and Hg in dry Ah soils. Cross lines centred on Tl-enriched tree.

9.2 Vegetation

Two samples of Douglas-fir bark were collected for analysis. Analysis was at Acme Labs by ICP-MS and ICP-ES for 53 elements following drying, milling and digestion in nitric acid and then aqua regia (Method 1VE-2). A summary of the analytical data is shown as Table 4. Full details are provided as Appendix 5.

SAMPLES	Species+tissue	Easting	Northing	Notes	Ag	Ba	Cd	Cu	Hg	Mn	Mo	Ni	Pb	S	Sb	Sr	Tl	Zn
					ppb	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
10TL-056	D-fir bark	394606	5604668	TL-3 'Discovery' tree	9	44.1	0.29	7.21	173	80	0.03	0.5	3.94	0.04	0.16	11.9	0.03	33.2
10TL-057	D-fir bark	394606	5604648	TL-3 20m S of 'Discovery' tree	569	88.8	0.25	12.65	238	175	0.05	0.6	4.31	0.07	0.21	15.8	0.03	47.4

Table 4: Selected data - vegetation analyses. Details provided in Appendix 5.

10.0 References

Dunn, C.E. and R.I. Thompson 2007, Biogeochemical Exploration using Douglas-fir Tree Tops in the Mabel Lake Area, Southern British Columbia (NTS 82L09 and 10), GSC Open File 5538.

Höy, T., 1976, Lead-zinc deposits, southeastern British Columbia, in Geological Fieldwork 1975: B.C. Department of Mines and Petroleum Resources, Paper 1976-1, p. 7-18.

Höy, T., 1977a, Big Ledge (82L/8E), in Geology in British Columbia 1975: B.C. Department of Mines and Petroleum Resources, p. G12-G18.

Höy, T., 1977b, Kingfisher, Bright Star (82L/8E), in Geology in British Columbia 1975: B.C. Department of Mines and Petroleum Resources, p. G18-G30.

Thompson, R.I., Glombick, P., Erdmer, P., Heaman, L.M., Lemieux, Y. and Daughtry, K.L., 2006, Evolution of the ancestral Pacific margin, southern Canadian Cordillera: Insights from new geological maps, *in* Colpron, M. and Nelson, J.L., eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North American, Canadian and Alaskan Cordillera: Geological Association of Canada, Special Paper 45, p. 433-482.

Thorkelson, D.J., 2000, Geology and mineral occurrences of the Slats Creek, Fairchild Lake and "Dolores Creek" areas, Wernecke Mountains (106D/16, 106C/13, 106C/14), Yukon Territory: Indian and Northern Affairs Canada, Exploration and Geological Services Division, Bulletin 10, 73p.

Thorkelson, D.J., Mortensen, J.K., Creaser, R.A., Davidson, G.J. and Abbott, J.G., 2001, Early Proterozoic magmatism in Yukon, Canada: Constraints on the evolution of northwestern Laurentia: Canadian Journal of Earth Sciences, v.38, p. 1479-1494.

11.0 Statement of Costs

TL CLAIMS – Assessment of work conducted from claims TL3 and TL4 (Tenures 831234 and 831248) (8th August, 2010 to 7th August 2011)

Personnel:	
R.I. Thompson 2.5 days @ $800 per day	$ 2,000.00
R. Hetherington 2.5 days @ $800 per day	$ 2,000.00
C.E. Dunn 2.5 days @ $800 per day	$ 2,000.00
Field Expenses:	
Food and Accommodation: 8 pers days @ $200/day	$ 1,600.00
Truck rental/expenses: 1000 km @ $1.00/km	$ 1,000.00
Analytical Expenses:	
ACME, Laboratories (Inv. VANI060727)	$ 432.16
Data analysis, report writing and preparation: 1 days @ $800.00/day	$ 800.00
Drafting and GIS support: 4 hr @ $50/hr	$ 200.00
Sub-total	***$10,032.16***
15% administration fee	$ 1504.85
Total	$ 11,537.00
Total amount applied	**$** 11,537.00

12.0 Statement of Qualifications

I, **Robert I. Thompson**, do hereby certify that:

I attained the degree of Doctor of Philosophy (PhD) in geology from Queens University, Kingston, Ontario in 1972.
I have a Hon. B.Sc. in geology from Queens University, Kingston, Ontario (1968).
I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia (P.Eng. 1972).
I am a Fellow of the Geological Association of Canada.
I have worked as a geologist for a total of 38 years since my graduation from university, all of it in the Canadian Cordillera.
I have worked for the BC Geological Survey (1972-74) and the Geological Survey of Canada (1974-2007) and now act as an independent consultant (2007-present).
I acted as a consultant to the Petroleum Department of the Bolivian Government (1990) under the auspices of PCIAC (Petro Canada International Aid Corp).
I have a thorough knowledge of the geology of southern British Columbia based on extensive field mapping.
I have authored numerous scholarly publications in peer-reviewed journals, and have published or am preparing to publish 32, 1:50,000 scale geological maps of Lardeau (NTS 82K) and Vernon (NTS: 82L) areas.
I am a co-author of this report.
I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report.

"signed and sealed" at North Saanich, B.C.

Robert I. Thompson, PhD, P.Eng
RIT Minerals Corp
10915 Deep Cove Rd.,
North Saanich, B.C.

Dated at North Saanich, B.C. this 20th day of July, 2011
Reg. No. 115741 **Association of Professional Engineers and Geoscientists of British Columbi**a

I, **Colin E. Dunn**, do hereby certify that:

I attained the degree of Doctor of Philosophy (PhD) in geology and geochemistry from London University, UK, in 1972.
I have a Hon. B.Sc. in geology from London University, UK (1968).
I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia (P.Geo., 2000)
I am a registered member of the Association of Professional Engineers and Geoscientists of Saskatchewan (P. Eng from 1974-1985; and P.Geo since 2000)

I have worked as a geologist for a total of 39 years since my graduation from university, all of it in Canadian except for short contracts overseas.
I have worked for the Saskatchewan Geological Survey (1972-85) and the Geological Survey of Canada (1985-1998) and now act as an independent consultant (1998-present).
From 1974-1976 I was a Sessional Lecturer in Geology at the University of Regina.
I have published about 250 papers, book chapters, and articles covering a wide range of topics (mostly geochemistry), and more than 100 confidential reports for private companies and presented research papers and courses in dozens of countries on 6 continents.
Among the positions that I have held there are:

- President, Saskatchewan Geological Society (1975).
- Chairman and Canadian representative to International Atomic Energy Agency/Nuclear Energy Agency Working Group on Uranium Biogeochemistry (1979 -1982).
- Councillor, Association of Exploration Geochemists (1986-1992).
- Headed the implementation and co-ordination of GSC program on Environmental Geochemistry (1988-1993)
- Federal Geoscience program coordinator for Mineral Development Agreement with Saskatchewan (1991-1996)
- Participant in two scientific expeditions sponsored by the National Geographic Society - Morocco in 1993; Brazil, Paraguay and Argentina in 1996.
- Project leader of Canada/Brazil project (CIDA) on biogeochemical study of mercury and gold in vegetation around garimpeiro gold workings at Creporizão, Pará, Brazil (1998).
- Principal (1998-present) – Colin Dunn Consulting.

I was sole author of a book detailing latest developments on biogeochemical methods, entitled Dunn, C.E. , 2007, Biogeochemistry in Mineral Exploration, (Handbook of Exploration and Environmental Geochemistry 9, Series editor, M. Hale), Elsevier, Amsterdam (462 pp. + CD)
I am a co-author of this present report.
I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report.

“signed and sealed” at North Saanich, B.C.

Colin E. Dunn, PhD, P.Geo
Colin Dunn Consulting Inc.
8756 Pender Park Drive
North Saanich
BC, V8L3Z5.

Dated at North Saanich, B.C. this 20th day of July, 2011
Reg. No. 136910 **Association of Professional Engineers and Geoscientists of British Columbi**a

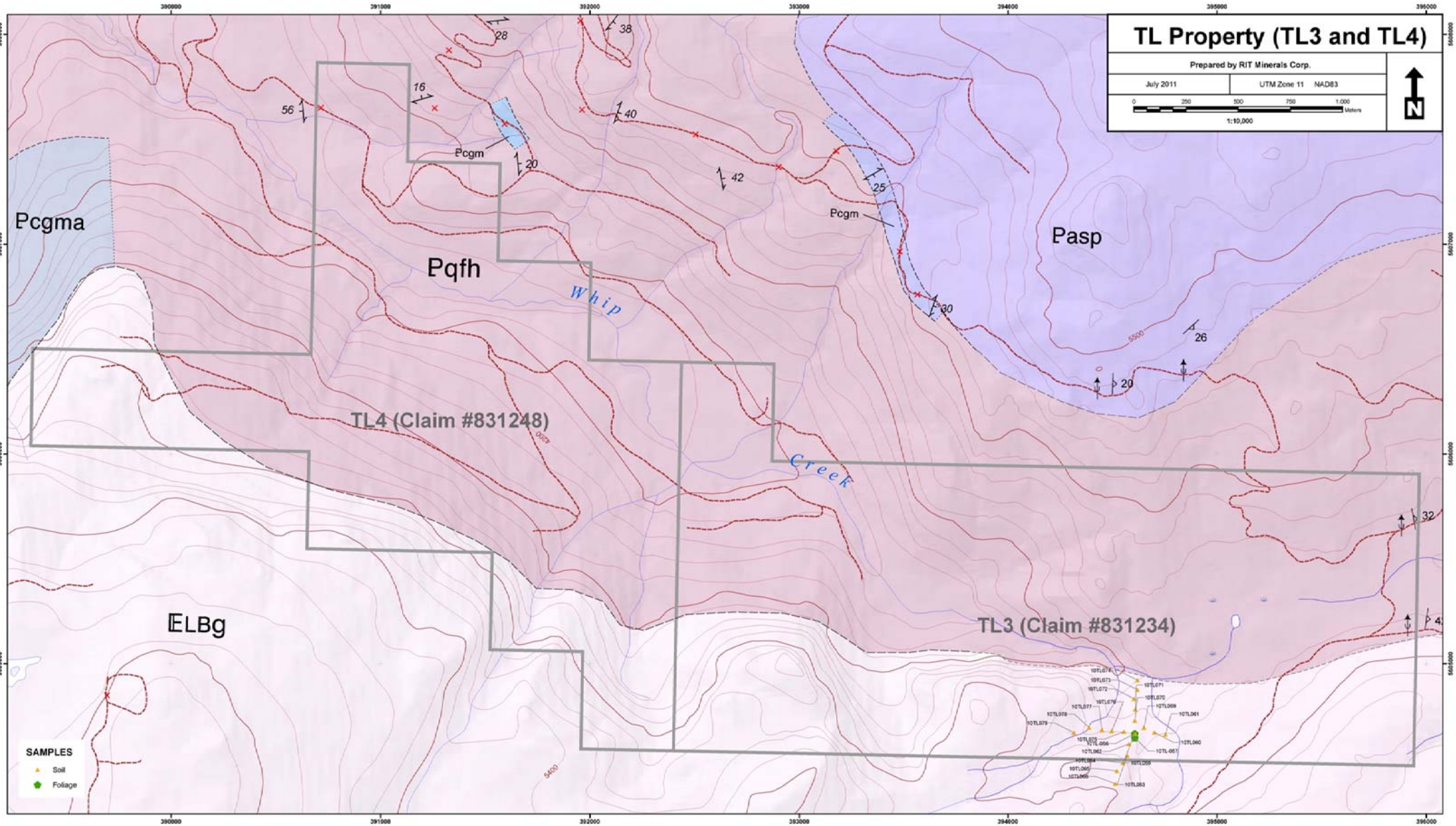
I, **Renée Hetherington**, do hereby certify that:

1) I attained the degree of Doctor of Philosophy (PhD) in interdisciplinary studies (anthropology, biology, geography and geology) from University of Victoria, Victoria, British Columbia in 2002.
2) I have a Masters in Business Administration from the University of Western Ontario, London, Ontario (1985).
3) I have a B.A. in Business Administration from Simon Fraser University, Burnaby, British Columbia (1981).
4) I am a member of the Geological Association of Canada.
5) I am co-leader of International Geological Correlation Program (IGCP) Project 526 "Risks, Resources and Record on the Continental Shelf (2007-present).
6) I was Canadian co-leader of IGCP Project 464 from 2003-2007.
7) I was a SSHRC Research Postdoctoral Fellow at the University of Victoria, School of Earth and Ocean Sciences (2005-2007).
8) I was Research Associate for Dr. Andrew Weaver, University of Victoria, Climate Modelling Group (2003-2007).
9) I have been a field assistant and volunteer for the Geological Survey of Canada (1996-2008; 2011-present)
10) I now act as an independent consultant (2007- present).
11) I acted as a consultant to the Ministry of Agriculture, Cattle Industry Development Council of British Columbia (1994-1995).
12) I was Executive Director, Finance and Research & Development, BC Cattlemen's Association (1992-1994).
13) I was a member of the Executive Council, Cattle Industry Development Council of British Columbia, BC Ministry of Agriculture (1992-1994).
14) I was Financial and Systems Analyst for Lever Bros. A & W Canada (1985-1986).
15) I have authored numerous scholarly publications in peer-reviewed journals, and have recently co-authored an academic text published by Cambridge University Press: The Climate Connection (2010).
16) I am a co-author of this report.
17) I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report.

"signed and sealed" at North Saanich, B.C.

Renée Hetherington, PhD, MBA
RIT Minerals Corp
10915 Deep Cove Rd.,
North Saanich, B.C.

Dated at North Saanich, B.C. this 20th day of July, 2011


TL Property (TL3 and TL4)
Prepared by RIT Minerals Corp.
July 2011
UTM Zone 11 NAD83
1:10,000
N
Pcgma
Pqfh
Pcgm
Pasp
ELBg
TL4 (Claim #831248)
TL3 (Claim #831234)
Whip
Creek
SAMPLES
Soil
Foliage

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

www.acmelab.com

Client: **Dunn, Colin**
8756 Pender Park Drive
Sidney BC V8L 3Z5 Canada

Submitted By: Colin Dunn
Receiving Lab: Canada-Vancouver
Received: September 29, 2010
Report Date: October 15, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10005028.1

CLIENT JOB INFORMATION

Project: TL
Shipment ID:
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	20	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	21	Dry at 60C			VAN
1F04	21	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Dunn, Colin
8756 Pender Park Drive
Sidney BC V8L 3Z5
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.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Dunn, Colin**
8756 Pender Park Drive
Sidney BC V8L 3Z5 Canada

Project: TL
Report Date: October 15, 2010

CERTIFICATE OF ANALYSIS VAN10005028.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
AH 10 TL-049	Soil	0.08	5.86	4.45	54.0	27	0.5	0.1	739	0.03	<0.1	<0.1	1.6	<0.1	3.8	0.53	0.08	0.06	<2	0.36	0.044
AH 10 TL-058	Soil	0.68	10.00	24.95	82.2	146	4.6	0.8	571	0.20	1.4	<0.1	0.7	<0.1	22.2	0.56	0.55	0.14	2	0.41	0.177
AH 10 TL-059	Soil	0.87	13.86	21.94	68.4	105	8.9	3.0	1497	1.06	3.7	0.7	0.4	0.6	15.1	0.56	0.35	0.35	39	0.21	0.054
AH 10 TL-060	Soil	0.90	8.27	40.96	79.6	208	5.3	1.7	136	0.38	0.8	0.4	0.4	<0.1	20.6	0.33	0.45	0.42	10	0.26	0.077
AH 10 TL-061	Soil	0.29	9.04	10.45	227.1	68	6.3	3.4	4379	0.30	0.5	0.2	0.5	<0.1	55.2	0.64	0.11	0.07	4	1.14	0.128
AH 10 TL-062	Soil	0.63	8.96	61.21	187.0	139	5.2	2.2	370	0.28	0.8	0.1	0.3	<0.1	23.5	0.65	0.90	0.23	6	0.16	0.129
AH 10 TL-063	Soil	0.28	7.27	5.62	156.3	16	2.6	0.3	2052	0.06	<0.1	<0.1	<0.2	<0.1	51.2	0.27	0.08	0.04	<2	1.97	0.150
AH 10 TL-064	Soil	3.19	26.58	47.15	96.2	583	14.8	39.1	2895	0.73	1.8	3.0	0.4	<0.1	44.6	1.56	1.38	0.34	9	0.46	0.163
AH 10 TL-065	Soil	0.89	18.40	21.47	39.2	375	9.7	3.4	72	0.75	1.2	1.1	0.3	<0.1	29.7	1.02	0.19	0.27	10	0.23	0.082
AH 10 TL-066	Soil	0.25	11.26	19.56	131.1	69	2.2	0.4	474	0.10	0.3	<0.1	<0.2	<0.1	25.5	0.28	0.39	0.12	<2	0.54	0.138
AH 10TL-066X	Rock Pulp	1.70	34.78	90.68	200.6	240	34.3	10.1	398	2.35	13.6	32.7	1.3	1.3	40.0	2.36	1.09	0.55	30	0.86	0.128
AH 10 TL-070	Soil	0.61	7.76	47.10	43.4	676	3.4	0.6	117	0.20	1.2	0.1	1.4	<0.1	28.7	0.41	0.83	0.23	3	0.30	0.128
AH 10 TL-071	Soil	0.52	8.79	34.45	44.3	130	2.7	0.7	90	0.16	0.6	<0.1	3.2	0.1	61.9	0.59	0.80	0.16	2	0.82	0.107
AH 10 TL-072	Soil	0.69	9.38	49.23	42.4	302	5.0	1.2	118	0.30	0.9	0.2	2.1	0.1	31.9	0.63	0.70	0.22	6	0.37	0.095
AH 10 TL-073	Soil	0.64	11.56	45.11	41.2	316	6.8	1.3	85	0.46	1.6	0.4	1.2	<0.1	27.0	0.83	0.67	0.25	11	0.29	0.088
AH 10 TL-074	Soil	0.68	7.36	66.96	38.1	298	5.5	0.8	157	0.22	2.3	0.1	0.3	0.2	54.6	0.96	1.54	0.35	3	0.67	0.108
AH 10 TL-075	Soil	0.35	9.71	22.65	67.3	78	2.7	0.7	4349	0.12	0.3	<0.1	1.5	<0.1	19.7	0.79	0.41	0.09	<2	0.60	0.179
AH 10 TL-076	Soil	0.34	8.83	11.24	74.2	65	2.8	0.6	612	0.09	0.2	<0.1	2.5	<0.1	25.9	0.32	0.17	0.06	<2	0.69	0.146
AH 10 TL-077	Soil	0.29	9.73	10.47	45.7	41	2.4	0.4	466	0.09	<0.1	<0.1	3.3	<0.1	18.1	0.24	0.16	0.06	<2	0.26	0.150
AH 10 TL-078	Soil	1.33	8.80	67.22	66.0	181	5.0	2.2	147	0.40	1.7	0.6	0.6	<0.1	22.0	0.71	0.61	0.37	10	0.23	0.086
AH 10 TL-079	Soil	0.36	9.63	16.56	110.8	52	3.0	0.5	573	0.10	0.2	<0.1	3.3	<0.1	40.9	0.27	0.25	0.07	<2	0.64	0.149

Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Dunn, Colin**
8756 Pender Park Drive
Sidney BC V8L 3Z5 Canada

Project: TL
Report Date: October 15, 2010

CERTIFICATE OF ANALYSIS VAN10005028.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
AH 10 TL-049	Soil	<0.5	1.4	0.03	46.5	0.001	<20	0.06	0.005	0.10	<0.1	0.2	5.26	0.06	590	0.1	<0.02	<0.1	0.40	<0.1	<0.02
AH 10 TL-058	Soil	1.3	3.5	0.07	74.8	0.009	<20	0.19	0.009	0.15	<0.1	0.6	0.21	0.16	384	0.5	0.03	0.5	0.96	<0.1	<0.02
AH 10 TL-059	Soil	9.2	14.6	0.10	123.8	0.126	<20	0.37	0.011	0.07	0.1	0.7	0.09	0.04	137	0.2	0.06	7.3	0.95	<0.1	<0.02
AH 10 TL-060	Soil	5.0	6.0	0.05	129.0	0.026	<20	0.23	0.014	0.09	0.1	0.3	0.10	0.07	107	0.2	0.03	2.4	0.88	<0.1	<0.02
AH 10 TL-061	Soil	1.5	5.9	0.12	210.7	0.017	<20	0.25	0.010	0.16	<0.1	0.4	0.25	0.15	185	0.3	<0.02	1.2	1.19	<0.1	<0.02
AH 10 TL-062	Soil	1.5	3.8	0.06	438.5	0.017	<20	0.19	0.013	0.10	<0.1	0.4	0.41	0.15	291	0.3	<0.02	1.0	0.89	<0.1	<0.02
AH 10 TL-063	Soil	<0.5	2.0	0.08	146.9	0.003	<20	0.06	0.007	0.14	<0.1	0.1	0.32	0.14	210	0.2	<0.02	0.3	0.28	<0.1	<0.02
AH 10 TL-064	Soil	28.7	6.0	0.09	155.3	0.017	<20	1.73	0.014	0.08	0.1	0.4	0.40	0.13	259	0.4	0.03	3.9	1.76	<0.1	<0.02
AH 10 TL-065	Soil	14.4	6.6	0.06	166.8	0.032	<20	1.04	0.011	0.05	0.1	0.3	0.07	0.06	163	0.4	0.02	4.9	2.56	<0.1	<0.02
AH 10 TL-066	Soil	0.7	2.0	0.05	144.3	0.008	<20	0.10	0.009	0.13	<0.1	0.3	0.21	0.12	241	0.2	<0.02	0.3	0.46	<0.1	<0.02
AH 10TL-066X	Rock Pulp	23.7	21.5	0.36	139.2	0.054	39	1.28	0.021	0.11	0.2	3.1	0.40	0.99	169	2.1	0.13	4.1	1.04	0.1	0.03
AH 10 TL-070	Soil	1.3	3.0	0.05	106.5	0.011	<20	0.20	0.013	0.09	<0.1	0.5	0.10	0.16	325	0.3	0.03	0.6	0.44	<0.1	<0.02
AH 10 TL-071	Soil	4.9	2.9	0.07	229.3	0.008	<20	0.12	0.012	0.10	<0.1	0.4	0.06	0.16	303	0.3	<0.02	0.4	0.40	<0.1	0.02
AH 10 TL-072	Soil	2.7	4.0	0.06	151.5	0.012	<20	0.20	0.010	0.09	<0.1	0.5	0.16	0.13	184	0.3	<0.02	1.1	0.57	<0.1	<0.02
AH 10 TL-073	Soil	5.4	6.8	0.06	134.9	0.025	<20	0.29	0.011	0.10	0.1	0.4	0.06	0.09	141	0.3	0.02	2.3	0.77	<0.1	<0.02
AH 10 TL-074	Soil	2.2	3.1	0.08	213.0	0.012	<20	0.22	0.012	0.07	<0.1	0.8	0.10	0.14	254	0.4	0.04	0.7	0.40	<0.1	0.02
AH 10 TL-075	Soil	0.8	2.2	0.07	103.6	0.007	<20	0.12	0.010	0.16	<0.1	0.4	0.34	0.16	503	0.3	<0.02	0.5	0.69	<0.1	<0.02
AH 10 TL-076	Soil	0.9	2.1	0.06	151.7	0.004	<20	0.09	0.010	0.15	<0.1	0.3	0.14	0.18	266	0.3	<0.02	0.3	0.47	<0.1	<0.02
AH 10 TL-077	Soil	<0.5	2.1	0.05	78.5	0.005	<20	0.09	0.008	0.13	<0.1	0.5	0.10	0.17	213	0.3	<0.02	0.3	0.41	<0.1	<0.02
AH 10 TL-078	Soil	6.8	5.7	0.07	120.5	0.030	<20	0.37	0.013	0.11	0.2	0.4	0.09	0.09	121	0.3	<0.02	2.8	1.46	<0.1	<0.02
AH 10 TL-079	Soil	0.7	2.0	0.06	141.4	0.005	<20	0.10	0.008	0.12	<0.1	0.5	0.32	0.16	267	0.3	<0.02	0.3	0.44	<0.1	<0.02

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Client: **Dunn, Colin**
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Project: TL
Report Date: October 15, 2010

CERTIFICATE OF ANALYSIS VAN10005028.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
AH 10 TL-049	Soil	0.03	5.5	0.1	<0.05	0.2	0.08	0.3	<0.02	<1	<0.1	0.2	<10	2
AH 10 TL-058	Soil	0.17	10.3	0.7	<0.05	0.6	0.48	2.1	0.03	<1	<0.1	0.7	<10	<2
AH 10 TL-059	Soil	3.39	7.5	1.4	<0.05	0.3	1.78	15.9	0.03	<1	0.1	2.0	<10	<2
AH 10 TL-060	Soil	0.71	7.4	0.9	<0.05	0.4	0.86	7.4	0.03	<1	0.2	0.8	<10	3
AH 10 TL-061	Soil	0.57	11.8	0.4	<0.05	0.1	0.63	2.9	<0.02	<1	<0.1	1.5	<10	3
AH 10 TL-062	Soil	0.55	11.6	0.8	<0.05	0.4	0.42	3.0	0.04	<1	0.1	0.6	<10	<2
AH 10 TL-063	Soil	0.04	7.2	0.7	<0.05	0.2	0.19	0.6	<0.02	<1	<0.1	0.3	<10	4
AH 10 TL-064	Soil	0.77	8.1	0.7	<0.05	0.3	10.84	46.6	0.05	<1	1.4	2.4	<10	2
AH 10 TL-065	Soil	1.37	7.0	0.9	<0.05	0.7	5.06	23.1	<0.02	<1	1.3	2.2	<10	<2
AH 10 TL-066	Soil	0.15	8.0	0.4	<0.05	0.5	0.28	1.2	<0.02	<1	<0.1	0.2	<10	<2
AH 10TL-066X	Rock Pulp	1.40	10.6	3.7	<0.05	1.2	17.50	38.9	0.06	4	0.5	9.7	<10	<2
AH 10 TL-070	Soil	0.23	7.7	0.8	<0.05	0.8	0.44	2.2	0.05	<1	<0.1	0.4	<10	3
AH 10 TL-071	Soil	0.16	6.8	0.7	<0.05	1.0	0.57	3.4	0.03	<1	<0.1	0.3	<10	<2
AH 10 TL-072	Soil	0.43	6.9	0.7	<0.05	0.3	0.70	4.6	0.04	<1	<0.1	0.8	<10	<2
AH 10 TL-073	Soil	1.15	8.4	0.7	<0.05	0.5	1.01	9.0	0.03	<1	0.1	1.0	<10	3
AH 10 TL-074	Soil	0.21	5.9	0.5	<0.05	1.1	0.92	3.3	0.07	<1	0.2	0.3	<10	2
AH 10 TL-075	Soil	0.12	11.4	0.4	<0.05	0.2	0.26	1.3	<0.02	<1	<0.1	0.3	<10	<2
AH 10 TL-076	Soil	0.08	8.9	0.3	<0.05	0.5	0.27	1.2	<0.02	<1	<0.1	0.3	<10	3
AH 10 TL-077	Soil	0.09	7.7	0.4	<0.05	0.4	0.14	0.7	<0.02	<1	<0.1	0.2	<10	2
AH 10 TL-078	Soil	1.21	8.7	1.1	<0.05	0.6	1.59	10.3	0.05	<1	0.3	1.3	<10	3
AH 10 TL-079	Soil	0.11	7.5	0.5	<0.05	0.5	0.28	1.1	<0.02	<1	<0.1	0.4	<10	5

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Report Date: October 15, 2010

QUALITY CONTROL REPORT VAN10005028.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD DS7	Standard	21.96	113.0	75.14	409.7	943	57.3	10.1	611	2.39	51.2	5.9	64.0	4.8	78.2	6.90	4.42	4.85	86	1.00	0.084
STD OREAS45PA	Standard	0.87	604.0	20.66	114.4	295	308.5	108.7	1134	15.80	3.6	1.3	50.4	7.4	15.0	0.09	0.09	0.19	220	0.22	0.035
STD DS7 Expected		20.5	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	4.6	4.51	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	300	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: TL
Report Date: October 15, 2010

QUALITY CONTROL REPORT VAN10005028.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Reference Materials																					
STD DS7	Standard	14.1	184.6	1.06	395.7	0.127	36	1.04	0.096	0.46	3.1	2.7	4.13	0.20	223	3.0	1.43	4.7	6.42	<0.1	0.08
STD OREAS45PA	Standard	17.3	784.9	0.12	174.3	0.141	<20	3.60	0.012	0.08	<0.1	44.9	0.08	<0.02	28	0.4	0.08	16.3	1.05	<0.1	0.43
STD DS7 Expected		11.7	179	1.05	410	0.124	38.6	0.959	0.089	0.44	3.4	2.5	4.19	0.19	200	3.5	1.08	4.6	6.36	0.1	0.11
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	43	0.07	0.03	30	0.54		16.8	1		0.51
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT VAN10005028.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Reference Materials														
STD DS7	Standard	0.32	36.5	5.7	<0.05	3.8	6.04	37.0	1.71	6	1.7	27.0	53	40
STD OREAS45PA	Standard	0.15	9.1	1.9	<0.05	18.3	9.02	34.6	0.09	<1	0.5	6.2	46	87
STD DS7 Expected		0.71	35.8	4.61		5.4	5.18	36	1.57	4	1.6	29.3	58	37
STD OREAS45PA Expected		0.21	8.9	1.6		20.5		34	0.09		0.6	5.8	54	72
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Colin Dunn
Receiving Lab: Canada-Vancouver
Received: September 29, 2010
Report Date: November 02, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10005029.1

CLIENT JOB INFORMATION

Project: TL
Shipment ID:
P.O. Number
Number of Samples: 12

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	12	Sorting of samples on arrival and labeling			VAN
1VE2	12	Aqua Regia digestion ICP-MS analysis	1	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps

ADDITIONAL COMMENTS

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

Invoice To: Dunn, Colin
8756 Pender Park Drive
Sidney BC V8L 3Z5
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.

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Project: TL
Report Date: November 02, 2010

CERTIFICATE OF ANALYSIS VAN10005029.1

Method		1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	0.02	2	0.01	0.001
10TL-007	Vegetation	0.06	3.93	2.18	11.4	8	0.7	0.19	283	0.056	0.1	0.02	<0.2	0.06	6.7	0.19	0.09	<0.02	<2	0.46	0.022
10TL-008	Vegetation	0.59	7.29	0.16	27.1	24	1.4	0.03	115	0.009	<0.1	<0.01	1.5	<0.01	16.7	0.07	0.04	0.02	<2	0.59	0.425
10TL-009	Vegetation	0.01	5.42	0.62	13.5	6	<0.1	0.03	309	0.004	0.2	<0.01	<0.2	<0.01	3.5	0.35	<0.02	<0.02	<2	0.25	0.016
10TL-010	Vegetation	0.03	3.84	1.58	14.4	3	0.1	0.03	315	0.007	<0.1	<0.01	0.5	<0.01	2.9	0.10	<0.02	<0.02	<2	0.24	0.020
10TL-014	Vegetation	0.04	4.76	1.31	20.2	9	0.2	0.09	465	0.008	0.1	<0.01	0.3	<0.01	3.4	0.28	0.02	<0.02	<2	0.23	0.023
10TL-015	Vegetation	0.03	5.02	1.10	13.3	6	0.1	0.03	578	0.007	<0.1	<0.01	<0.2	<0.01	5.7	0.28	0.03	<0.02	<2	0.35	0.026
10TL-016	Vegetation	0.02	4.26	0.87	19.3	14	0.2	0.06	411	0.005	<0.1	<0.01	<0.2	<0.01	3.0	0.43	<0.02	<0.02	<2	0.20	0.018
10TL-016X	Vegetation	0.24	6.97	16.19	34.2	17	2.5	0.37	47	0.078	0.3	0.05	0.5	0.09	42.3	0.23	0.05	<0.02	<2	0.72	0.037
10TL-047	Vegetation	0.02	12.77	1.22	61.6	6029	0.5	0.04	35	0.004	<0.1	<0.01	0.4	<0.01	<0.5	0.48	<0.02	<0.02	<2	<0.01	0.369
10TL-051	Vegetation	0.05	28.42	2.89	43.5	4032	0.2	<0.01	28	0.003	<0.1	<0.01	0.7	<0.01	<0.5	0.09	0.08	<0.02	<2	<0.01	0.341
10TL-056	Vegetation	0.03	7.21	3.94	33.2	9	0.5	0.09	80	0.011	0.4	<0.01	<0.2	<0.01	11.9	0.29	0.16	<0.02	<2	0.57	0.032
10TL-057	Vegetation	0.05	12.65	4.31	47.4	569	0.6	0.08	175	0.019	0.9	0.01	<0.2	0.02	15.8	0.25	0.21	0.02	<2	0.49	0.044

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Project: TL
Report Date: November 02, 2010

CERTIFICATE OF ANALYSIS VAN10005029.1

	Method	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1	0.005	0.01	0.001
10TL-007	Vegetation	0.34	2.2	0.027	11.8	18	3	0.04	<0.001	0.08	<0.1	0.2	0.07	0.03	187	0.2	<0.02	0.1	0.378	0.01	0.005
10TL-008	Vegetation	8.93	1.4	0.426	296.6	18	22	<0.01	0.002	3.09	<0.1	0.2	<0.02	0.23	8	0.1	<0.02	<0.1	0.357	0.01	<0.001
10TL-009	Vegetation	0.02	1.5	0.018	4.9	2	5	0.02	<0.001	0.07	<0.1	<0.1	0.03	<0.01	96	0.3	<0.02	<0.1	0.044	<0.01	<0.001
10TL-010	Vegetation	0.06	1.4	0.011	5.5	4	4	0.04	<0.001	0.04	<0.1	0.1	0.03	0.01	136	0.2	0.02	<0.1	0.055	<0.01	<0.001
10TL-014	Vegetation	0.05	1.5	0.020	3.7	5	6	0.03	<0.001	0.09	<0.1	0.1	<0.02	0.02	155	0.3	<0.02	<0.1	0.049	<0.01	<0.001
10TL-015	Vegetation	0.06	1.4	0.023	9.1	4	5	0.02	<0.001	0.18	<0.1	<0.1	<0.02	0.04	119	0.1	<0.02	<0.1	0.075	<0.01	<0.001
10TL-016	Vegetation	0.03	1.2	0.020	4.0	3	5	0.03	<0.001	0.08	<0.1	<0.1	0.03	0.02	116	0.1	<0.02	<0.1	0.027	<0.01	0.001
10TL-016X	Vegetation	0.70	3.9	0.120	9.2	21	23	0.05	0.008	0.08	<0.1	0.2	<0.02	0.06	27	0.3	<0.02	0.1	0.034	0.03	0.005
10TL-047	Vegetation	<0.01	1.1	0.050	1.8	17	7	<0.01	<0.001	1.82	<0.1	<0.1	6.95	0.12	19	0.2	<0.02	<0.1	5.544	0.02	0.001
10TL-051	Vegetation	<0.01	1.6	0.059	2.0	17	4	<0.01	0.002	2.25	<0.1	<0.1	0.19	0.10	76	0.2	<0.02	<0.1	1.662	0.02	0.001
10TL-056	Vegetation	0.08	1.8	0.018	44.1	6	2	0.05	0.003	0.05	<0.1	<0.1	0.03	0.04	173	0.2	<0.02	<0.1	0.114	0.01	0.002
10TL-057	Vegetation	0.13	1.7	0.028	88.8	10	3	0.07	0.002	0.10	<0.1	0.2	0.03	0.07	238	0.3	<0.02	<0.1	0.131	<0.01	0.004

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Project: TL
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CERTIFICATE OF ANALYSIS VAN10005029.1

Method		1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.01	0.1	0.02	0.001	0.01	0.001	0.01	0.02	1	0.1	0.01	2	1
10TL-007	Vegetation	0.05	4.9	0.05	0.002	0.11	0.148	0.68	<0.02	<1	<0.1	0.15	<2	<1
10TL-008	Vegetation	<0.01	44.7	0.11	<0.001	0.03	0.519	9.75	<0.02	<1	<0.1	0.07	<2	<1
10TL-009	Vegetation	<0.01	2.6	0.06	<0.001	0.04	0.013	0.03	<0.02	<1	<0.1	0.03	<2	<1
10TL-010	Vegetation	0.01	2.2	0.04	<0.001	0.04	0.031	0.10	<0.02	<1	<0.1	0.03	<2	<1
10TL-014	Vegetation	<0.01	2.8	0.03	<0.001	0.04	0.024	0.10	<0.02	<1	<0.1	0.05	<2	2
10TL-015	Vegetation	<0.01	6.0	0.04	<0.001	0.04	0.027	0.10	<0.02	<1	<0.1	0.02	<2	<1
10TL-016	Vegetation	<0.01	2.4	<0.02	<0.001	0.04	0.020	0.08	<0.02	<1	<0.1	0.02	<2	<1
10TL-016X	Vegetation	0.07	1.0	0.13	0.001	0.28	0.446	1.65	<0.02	<1	<0.1	0.33	<2	<1
10TL-047	Vegetation	<0.01	136.7	0.03	<0.001	<0.01	0.005	0.02	<0.02	<1	<0.1	0.02	<2	<1
10TL-051	Vegetation	<0.01	109.3	0.07	<0.001	<0.01	0.001	<0.01	<0.02	<1	<0.1	0.01	<2	<1
10TL-056	Vegetation	0.01	3.1	0.04	<0.001	0.07	0.054	0.16	<0.02	<1	<0.1	0.04	<2	<1
10TL-057	Vegetation	0.02	5.5	0.07	<0.001	0.18	0.100	0.27	<0.02	<1	<0.1	0.03	<2	<1

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Project: TL
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QUALITY CONTROL REPORT VAN10005029.1

	Method	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD V14	Standard	0.06	4.73	0.88	13.9	23	1.3	0.71	1948	0.016	9.8	<0.01	6.0	<0.01	5.9	0.20	0.05	0.08	<2	0.59	0.078
STD V16	Standard	1.63	7.19	3.13	42.0	38	7.4	1.15	735	0.427	1.6	<0.01	1.4	<0.01	11.5	0.09	0.07	<0.02	<2	0.31	0.050
STD V16	Standard	1.82	6.55	2.99	39.5	37	7.0	1.06	709	0.410	1.5	<0.01	0.3	<0.01	10.7	0.08	0.07	<0.02	<2	0.30	0.046
STD V14 Expected		0.06	4.8	0.881	14.5	24	1.4	0.75	2094	0.016	11.038		8		6.668	0.21	0.06	0.089		0.6082	0.087
STD V16 Expected		1.6	6.92	3.11	39.2	32	7.8	1.17	732	0.4367	1.6		1.1		11.6	0.093	0.07			0.302	0.0498
FLOUR	Blank	0.60	4.09	0.12	29.5	<2	<0.1	0.02	36	0.004	<0.1	<0.01	1.0	<0.01	1.2	0.03	<0.02	0.05	<2	0.03	0.342
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.01	<1	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
FLOUR	Blank	0.52	3.48	0.09	30.5	<2	0.2	<0.01	36	0.004	<0.1	<0.01	<0.2	<0.01	1.1	0.03	<0.02	0.02	<2	0.03	0.346
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.01	<1	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: TL
Report Date: November 02, 2010

QUALITY CONTROL REPORT VAN10005029.1

	Method	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1	0.005	0.01	0.001
Reference Materials																					
STD V14	Standard	0.03	1.3	0.080	1.2	6	11	0.13	<0.001	0.45	<0.1	0.1	0.03	0.05	46	<0.1	<0.02	<0.1	0.025	<0.01	<0.001
STD V16	Standard	0.04	328.2	0.056	1.7	12	5	0.05	<0.001	0.23	<0.1	0.2	<0.02	0.04	42	0.2	<0.02	0.1	0.034	0.04	0.007
STD V16	Standard	0.05	277.8	0.058	2.0	11	5	0.05	<0.001	0.21	<0.1	0.1	<0.02	0.02	34	0.1	<0.02	0.1	0.035	0.03	0.006
STD V14 Expected		0.03	1.2	0.079	1.3	6.699	10.7	0.147		0.509		0.117	0.038	0.064	52	0.15			0.029		
STD V16 Expected		0.05	345.2	0.0543	1.9	12	5	0.0498	0.0015	0.231				0.0174	41			0.2	0.037	0.05	0.006
FLOUR	Blank	0.02	1.7	0.145	2.6	13	<1	<0.01	<0.001	0.31	<0.1	0.1	<0.02	0.19	<1	0.7	0.02	<0.1	<0.005	<0.01	<0.001
BLK	Blank	<0.01	<0.1	<0.001	<0.1	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.01	<1	<0.1	<0.02	<0.1	<0.005	<0.01	<0.001
FLOUR	Blank	0.02	1.6	0.140	2.8	15	<1	<0.01	<0.001	0.29	<0.1	0.1	<0.02	0.17	2	0.8	<0.02	<0.1	<0.005	<0.01	0.003
BLK	Blank	<0.01	<0.1	<0.001	<0.1	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.01	<1	<0.1	<0.02	<0.1	<0.005	<0.01	<0.001

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Report Date: November 02, 2010

QUALITY CONTROL REPORT VAN10005029.1

	Method	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE	1VE
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.01	0.1	0.02	0.001	0.01	0.001	0.01	0.02	1	0.1	0.01	2	1
Reference Materials														
STD V14	Standard	<0.01	1.6	0.04	<0.001	0.04	0.022	0.05	<0.02	<1	<0.1	0.09	<2	<1
STD V16	Standard	0.12	1.6	0.22	<0.001	0.22	0.041	0.10	<0.02	<1	<0.1	0.09	<2	<1
STD V16	Standard	0.08	1.6	0.22	<0.001	0.16	0.053	0.08	<0.02	<1	<0.1	0.07	<2	<1
STD V14 Expected			1.8	0.04										
STD V16 Expected		0.11	1.7	0.23		0.18	0.043	0.09				0.07		
FLOUR	Blank	<0.01	2.6	0.06	<0.001	0.01	0.005	0.01	<0.02	<1	<0.1	0.12	<2	<1
BLK	Blank	<0.01	<0.1	<0.02	<0.001	<0.01	<0.001	<0.01	<0.02	<1	<0.1	<0.01	<2	<1
FLOUR	Blank	<0.01	2.5	0.02	<0.001	<0.01	0.003	0.01	<0.02	<1	<0.1	0.07	<2	<1
BLK	Blank	<0.01	<0.1	<0.02	<0.001	<0.01	<0.001	<0.01	<0.02	<1	<0.1	<0.01	<2	<1