Technical Report

Geology and Geochemistry of the TL Property, Tsuius Creek, Southeastern British Columbia

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

NTS 82L/10
UTM Zone 11, 387850E, 5606916N (NAD 83)

By
Colin E. Dunn, PhD. P.Geo
8756 Pender Park Drive
North Saanich, British Columbia, V8L 3Z5

Renee Hetherington, PhD
10915 Deep Cove Rd.
North Saanich, British Columbia, V8L 5P9

Robert I. Thompson PhD, PEng.
10915 Deep Cove Rd.
North Saanich, British Columbia, V8L 5P9

For
Property owners/operators:

RIT Minerals (RITM) Corp.
10915 Deep Cove Rd.
North Saanich, British Columbia, V8L 5P9

Colin Dunn Consulting
8756 Pender Park Drive
North Saanich, British Columbia, V8L 3Z5

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1.0 Summary

Five days were spent collecting soil, stream sediment, and biogeochemical samples from the TL1 property and TL2 property; they were mapped geologically, and geochemical anomalies were tested by hand digging trenches to bedrock. The presence of oxidized massive sulphide mineralization associated with geochemical anomalies supports the exploration approach and augers well for exploration in the region.

The properties are underlain by upper amphibolite-grade, penetratively deformed paragneiss and schist belonging to the Paleoproterozoic Monashee cover assemblage. 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 TL1 and TL2 claims (706178 and 706191, respectively) totaling 984.4 hectares on the north-facing slope of Tsuius Creek, western Monashee Mountains; this report summarizes the results from geological and geochemical exploration activities undertaken in the 12 months since February 2010. The authors, R.I. (Bob) Thompson PhD, PEng., Renée Hetherington, PhD, and Colin E. Dunn, PhD, P.Geo, each spent 5 days (including adjacent properties) in July and September, 2010, prospecting, mapping and collecting stream, soil, vegetation and rock samples for geochemical and mineralogical 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 rock, sediment, vegetation and soil samples collected by the authors and analyzed by Acme Laboratories Ltd. (Vancouver) ; Overburden Drilling Management Ltd. (ON), and Activation Laboratories Ltd (ON) – all are accredited, third party, independent laboratories. 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: a) geological mapping, b) stream, soil, rock and vegetation geochemical samples and results, and c) 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 TL1 and 2 and adjacent properties having spent 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. 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 TL1 and TL 2 properties are roughly centered at: UTM Zone 11, 387850E, 5606916N within NTS map sheet 82L/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 52 km to the south 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).

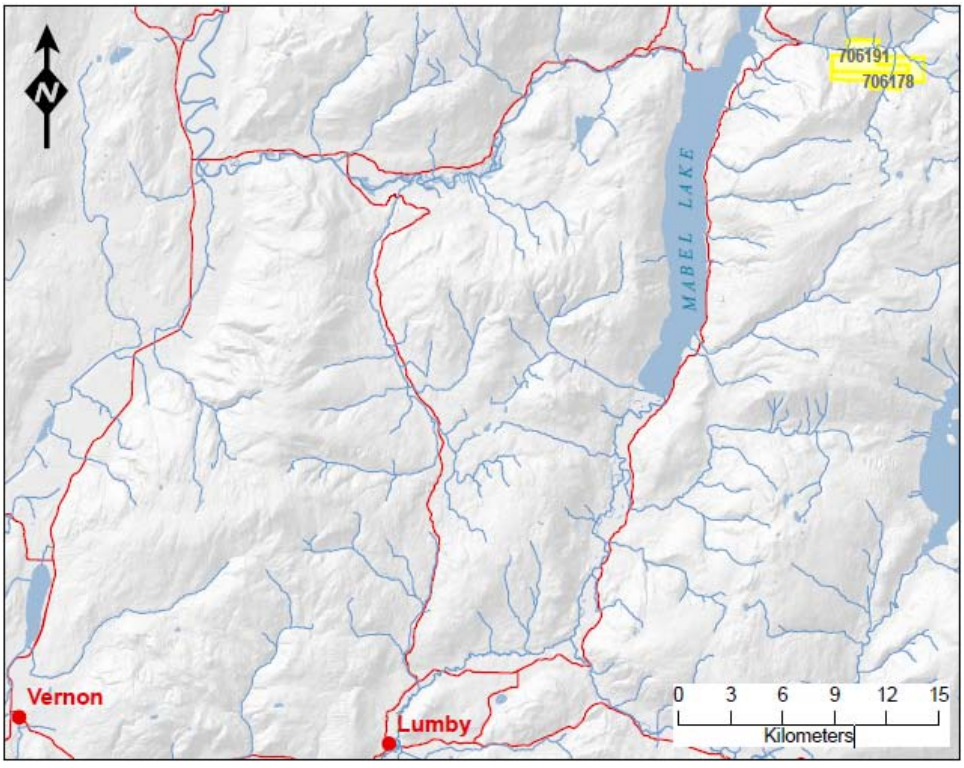


Figure 1: Location of TL1 and TL2 mineral tenures on the southwest margin of the Monashee Mountains. Vernon is the closest major logistical centre.

Figure 2: View west up Tsuius Creek showing its steep, north-facing slope.

The TL Property comprises 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.

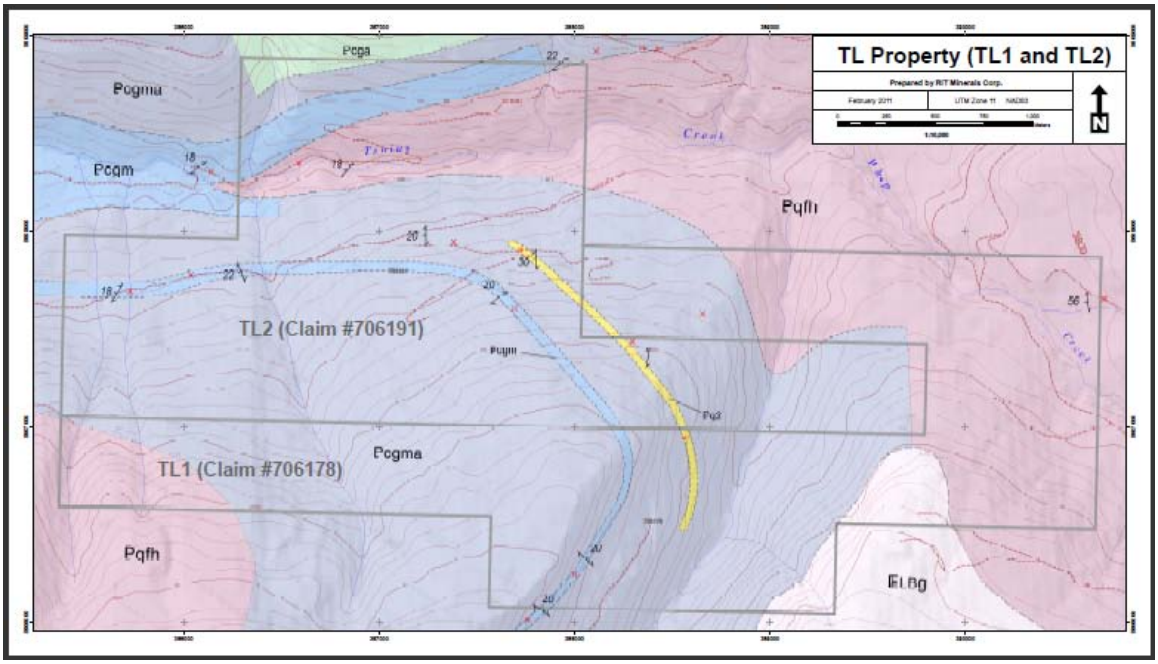


Figure 3: Location of the TL1 and TL2 mineral tenures relative to the geology, topography and drainage. Refer to Appendix 1 for scale-independent viewing and plotting.

Tenure Number	Good To Date	Claim Name	Owner	Area (Hectres)
706178	2011-02-12	TL1	50% RITM Corp / 50% Colin Dunn	492.2248
706191	2011-02-12	TL2	50% RITM Corp / 50% Colin Dunn	492.1559

Table 1: Description of the TL1 and TL2 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 north and then east on the Lumby-Mabel Lake road (paved) to the south end of Mabel Lake; continue north on the Mabel Lake Main logging road (gravel) 18 km to the Simard spur road at 18 km or the Tsuius spur road at 21 km; both spur roads provide access to the property.

Given the steep terrain, 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 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 TL1 and TL2 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.

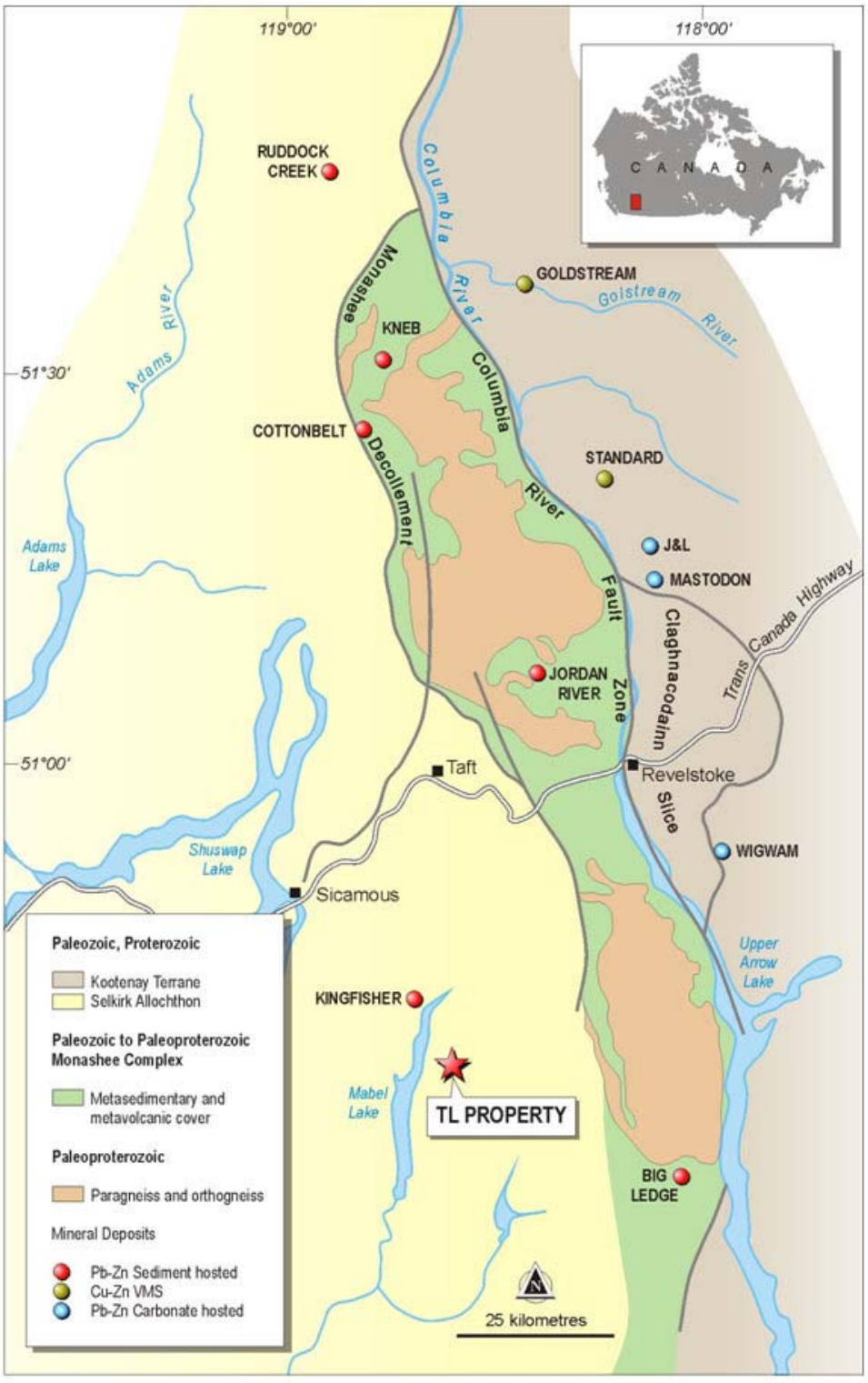


Figure 4: Regional geological map showing the distribution of stratabound Pb-Zn-Ag deposits around the TL Property (note the Selkirk Allochthon rocks between Kingfisher and Big Ledge, have been remapped as Monashee Cover Sequence**).**

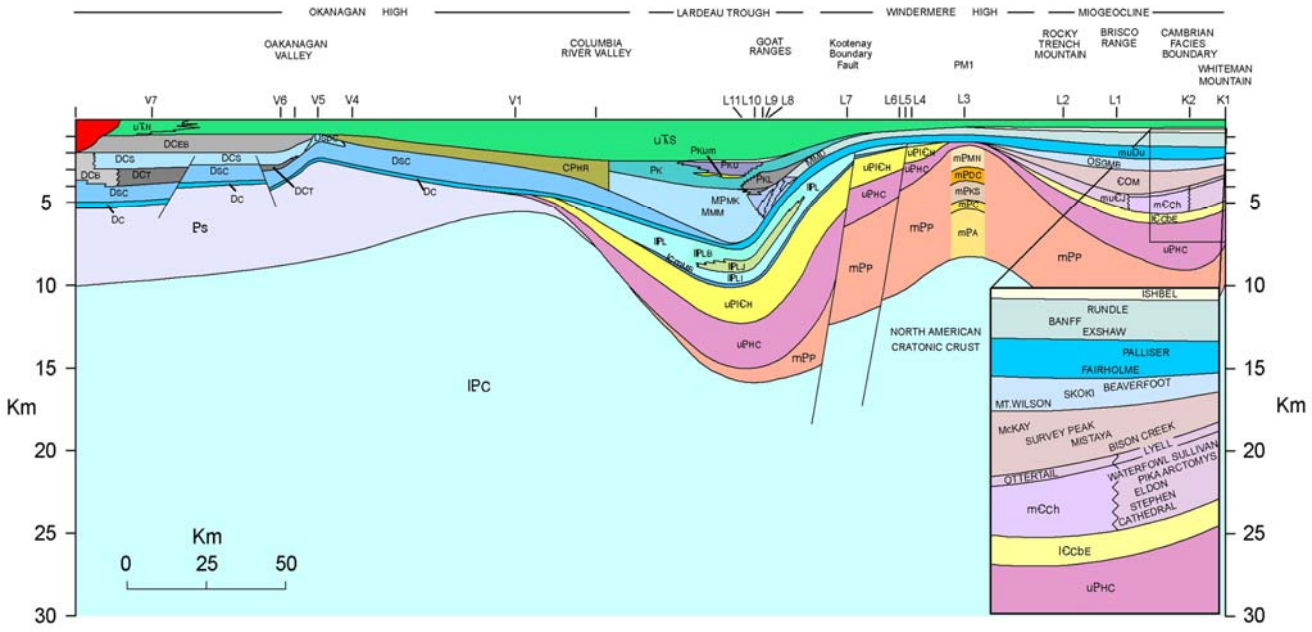


Figure 5: Regional stratigraphic cross section (not restored) showing the relative distribution and thickness of the major stratigraphic sequences making up the southern Canadian Cordillera (from Thompson et al., 2006). mPP (orange) = Mesoproterozoic Purcell sequence; uPHC (pink) = Neoproterozoic Windermere 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).

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

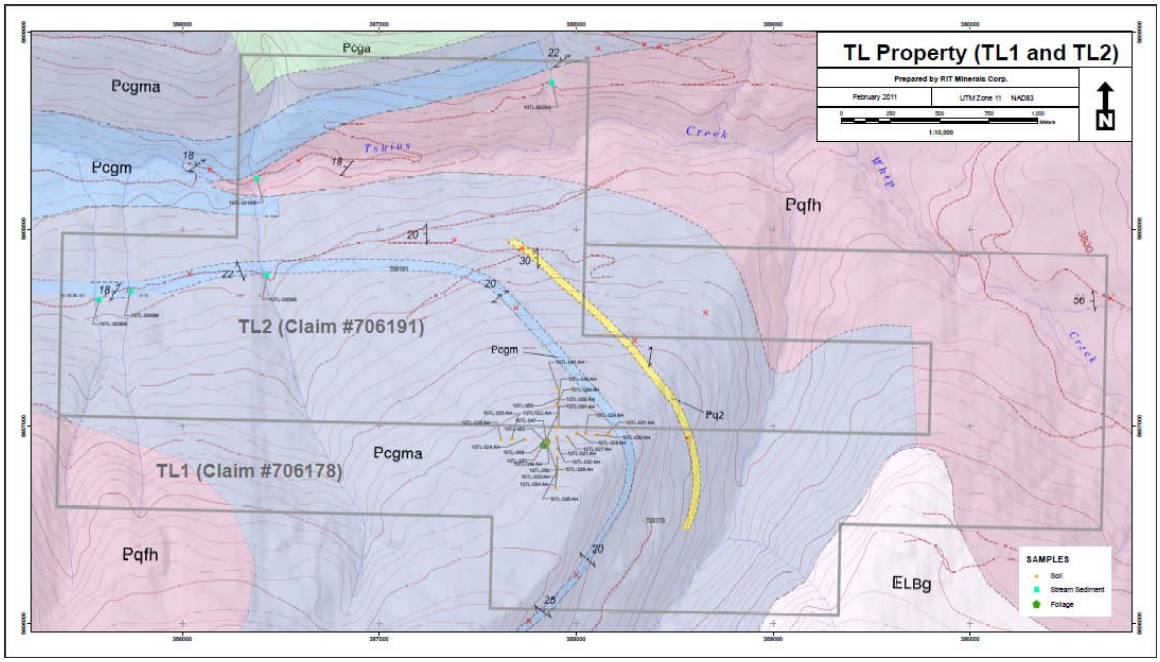


Figure 6: Local geology of the TL1 and TL2 properties showing the distribution and type of sampling undertaken. Map units are the following: Pqfh: Quartz-feldspar-biotite schist, feldspar-quartz-hornblende-biotite schist, amphibolite, calc-silicate gneiss, micaceous quartzite; Pcgma: Amphibolitic schist, 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. 6 or Appendix 1; 10TL-047). Hand trenching (Fig. 7) did expose several metres of pelitic and limonitic quartzite having disseminated pyrite and copious amounts of a highly reflective black mineral tentatively identified as graphite (Fig. 8).

Figure 7: Hand trench dug to test for depth to, and character of, bedrock in the vicinity of the strongest thallium anomaly.

Figure 8: Bedrock exposed in hand-dug trench: quartzite, pelitic quartzite and slightly calcareous quartzite having disseminated pyrite and highly reflective graphite.

Elsewhere on the property in the vicinity of the geochemical anomalies of interest, the only exposures consist of out-copping and sub-cropping marble ribs that conform to the regional north strike and shallow west dip.

7.0 Mineralization

A second trench dug on an Ah soil anomaly (Fig. 6; 10TL-025) encountered black, oxidized sulphides within 20 cm of the surface: Results are reported in section 9, below. The presence of 0.01% Cu is noteworthy. The lateral and vertical limits of this sulphide showing have yet to be determined.

Figure 9: Black, oxidized sulphide mineralization encountered at soil anomaly 10TL-025 AH (Fig. 6; Appendix 1).

8.0 Sampling, Analytical Methods and Verification

In the authors' opinion, all samples were securely handled. Samples were placed in polyurethane, woven (rock) and kraft paper (soil and vegetation) bags and their tops secured. Rock outcrop, soil and vegetation samples were shipped to Acme Labs Ltd. (Acme) in Vancouver, B.C., together with sample shipment forms listing the sample numbers. Stream sediments were shipped to Overburden Drilling Management Ltd. (ODM) in Ottawa, in sealed metal drums. Each laboratory used proper and secure handling procedures prior to, and during, preparation and analysis of the samples. Rock and soil samples were prepared at the Acme. Rock samples were crushed to 70% passing a 2mm screen, and a 250 g split from the crushed sample was then pulverized to 85% passing a 75 micron screen. 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.

Analytical precision and accuracy were frequently checked against sample standards. Similarly, appropriate procedures were followed by ODM and subsequent analysis of heavy minerals at ActLabs. Laboratory analytical certificates from each laboratory (Appendices 2 to 6) 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 the respective laboratories, and reported here in Appendices 2 to 6 meet or surpass industry standards for accuracy and precision. There are no appropriate control materials for the 5 stream sediments, but ODM is the leading laboratory in Canada for this type of work and has appropriate accreditation.

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. ODM and ActLabs are similarly accredited.

9.0 Analytical Results

9.1 Soils

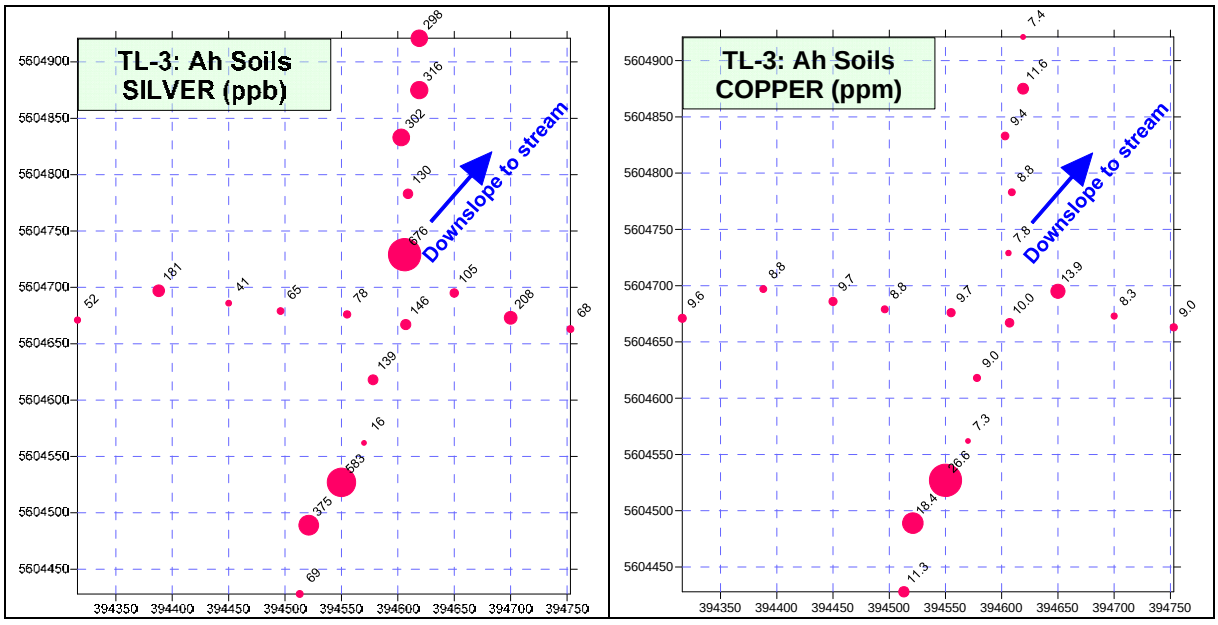
A soil (Ah horizon) geochemistry sampling program was conducted, centred upon an anomaly of thallium (Tl) in treetops found during a regional airborne treetop sampling program, undertaken in 2005 by the GSC (Dunn and Thompson, 2007). Each sample was given a unique field number and UTM coordinate. This 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 23 samples of soils were collected.

Enrichments of Tl were confirmed, and above background concentrations of several elements were recorded – notably Ag, Ba, Cu, Hg, Mo, Pb and Zn (Table 2). Figure 10 shows plots of Ag, Cu, Tl and Hg with respect to the originally tree (intersection of the 2 traverses) that yielded the most anomalous level of Tl.

Easting	Northing	SAMPLES		Ag	As	Au	Ba	Bi	Cd	Cu	Hg	Mn	Mo	Ni	Pb	Sb	Tl	Zn
			Type	ppb	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
387900	5606946	10TL-021 AH	Soil	299	1.6	1.1	165	0.21	0.64	7.3	372	661	0.94	3.6	40	0.78	1.65	64
387847	5606932	10TL-022 AH	Soil	449	0.7	-0.2	169	0.12	0.34	10.0	324	355	0.74	3	21	0.31	5.58	84
387787	6506944	10TL-023 AH	Soil	733	1.8	1.4	824	0.37	0.57	14.6	315	287	8.25	8.3	37	0.63	0.73	509
387740	5606935	10TL-024 AH	Soil	182	0.9	1.7	74	0.11	0.44	7.4	269	511	1.46	2.7	20	0.4	0.32	92
387673	5606939	10TL-025 AH	Soil	144	0.8	-0.2	55	0.11	0.36	6.6	216	505	1.05	2.4	22	0.29	0.14	94
387618	5606935	10TL-026 AH	Soil	97	0.4	0.6	30	0.06	0.29	7.7	274	538	0.35	1.6	10	0.18	0.22	69
387954	5606949	10TL-027 AH	Soil	239	1.4	0.4	94	0.18	0.67	6.8	366	343	1.04	3.4	37	0.79	0.34	69
388003	5606966	10TL-028 AH	Soil	262	1	-0.2	217	0.21	0.58	5.9	193	677	0.75	4.1	42	0.56	0.49	69
388049	5606966	10TL-029 AH	Soil	82	0.5	-0.2	42	0.06	0.49	6.8	299	827	0.66	2.1	15	0.19	0.4	82
388101	5606959	10TL-030 AH	Soil	167	0.7	-0.2	113	0.1	0.41	6.9	357	230	0.64	2.6	22	0.4	0.28	76
388160	5606964	10TL-031 AH	Soil	552	1.5	0.5	171	0.23	0.81	7.7	359	796	0.82	3.3	46	1.04	0.45	68
387906	5606891	10TL-032 AH	Soil	302	0.6	0.4	163	0.05	0.41	6.3	197	255	0.65	2.5	10	0.14	2.99	142
387904	5606844	10TL-033 AH	Soil	378	2.1	0.8	185	0.23	0.53	6.7	334	94	1.63	3	40	0.9	0.15	74
387905	5606796	10TL-034 AH	Soil	683	1.8	-0.2	131	0.23	0.55	5.4	343	162	1.9	5	34	0.94	0.34	95
387901	5606770	10TL-035 AH	Soil	291	1.5	-0.2	116	0.17	0.71	7.9	373	557	0.84	3.3	36	0.87	0.92	103
387894	5606689	10TL-036 AH	Soil	177	1.1	1.1	67	0.1	0.44	7.1	442	367	0.73	2.5	23	0.44	0.4	80
387910	5607002	10TL-037 AH	Soil	283	1.2	0.4	75	0.15	0.34	7.7	242	293	1.66	4.2	22	0.39	0.97	85
387902	5607043	10TL-038 AH	Soil	239	1.2	0.6	73	0.17	0.65	10.0	314	492	0.87	3	33	0.89	1.83	133
387901	5607113	10TL-039 AH	Soil	363	0.8	0.3	89	0.12	0.44	8.5	367	1206	0.89	2.4	25	0.59	1.03	112
387911	5607147	10TL-040 AH	Soil	115	3.9	0.9	549	0.42	3.1	6.8	466	8299	1.15	8	60	0.78	0.77	280
387905	5607195	10TL-041 AH	Soil	214	0.9	0.3	138	0.14	0.72	7.3	371	869	1.09	2.8	30	0.59	0.14	69
387851	5606921	10TL-049 AH	Soil	27	-0.1	1.6	47	0.06	0.53	5.9	590	739	0.08	0.5	4	0.08	5.26	54

Table 2 Selected data from the analysis of dry Ah soils



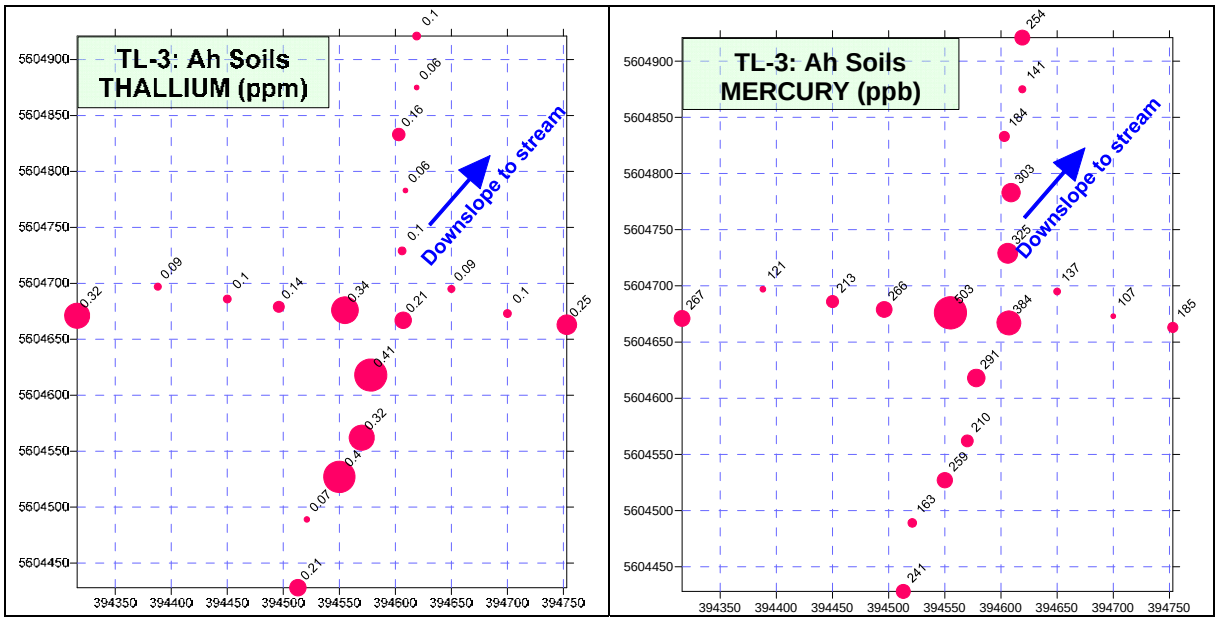


Fig. 10: Ag, Cu, Tl and Hg in dry Ah soils. Cross lines centred on Tl-enriched tree.

9.2 Stream Sediments

Bulk samples of sediments were collected from the 5 streams that drain the TL1 and TL2 claims. They were sent to ODM for heavy mineral concentrate (HMC) separation, gold count and mineral counts, followed by INAA of the HMC. Only 1 grain of visible gold was recorded. The mineralogical analysis for indicator minerals revealed 1-30 grains of coloured spinel, including several gahnites ($ZnAl_2O_4$), a few grains of chalcopyrite and, of note, a grain of goldmanite. Goldmanite is a rare Ca, V silicate ($Ca_3(V^{3+}Al,Fe^{3+})_2(SiO_4)_3$) of the garnet group that is known to occur in only a few localities worldwide, notably at Sterling Mine in the Franklin Mining District of New Jersey (so-called 'Franklin Furnace'). Both gahnite and goldmanite are considered indicative of base metal mineralization. Details of the comprehensive mineralogical analysis are presented on the spreadsheets in Appendix 3.

The heavy mineral concentrates (HMC) from these stream sediments were analyzed by Instrumental Neutron Activation (INAA) at ActLabs. Summary data from the field samples are shown in Table 3 and full details as Appendix 4. These analyses did not reveal significant concentrations of the elements that were determined, except for some slightly higher than usual concentrations of REE (La and Ce).

HMC INAA Samples

Element	Easting	Northing	Ag	Ba	Ca %	Cd	Ce	Co	Cr	Cu	Fe	La	Mo	Ni	Pb	Zn
10-TL 001SS	386378	5608258	< 0.2	< 200	< 1	< 0.5	523	19	100	30	9.59	278	< 2	25	4	21
10-TL 002SS	387875	5608744	< 0.2	< 200	13	0.5	426	11	120	22	5.8	226	3	16	7	83
10-TL 003SS	385578	5607642	< 0.2	< 200	10	< 0.5	452	21	150	12	10.2	247	< 2	19	< 2	32
10-TL 004SS	385739	5607687	< 0.2	< 200	8	< 0.5	388	15	120	6	9.23	215	< 2	8	2	23
10-TL 005SS	386430	5607765	< 0.2	< 200	11	< 0.5	808	14	60	14	8.8	590	3	22	6	90

Table 3: Summary of HMC results (INAA). See Appendix 4 for full details.

9.3 Vegetation

Samples of western hemlock bark, fern and 2 fungi 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. Of note is that the Tl concentration in one of the mushroom samples (6.95 ppm Tl) is greater than any of 1107 samples (representing 421 species) reported in the most comprehensive known study of Tl in fungi (Seeger and Gross, 1981). Also, the Ag, Cu, Cs and Zn contents of the mushrooms are high.

Vegetation Samples

Sample	Species+tissue	Easting	Northing	Notes	Ag	Ba	Ce	Cs	Cu	Hg	Mo	Ni	Pb	Tl	Zn
					ppb	*ppm*	*ppm*	*ppm*	*ppm*	*ppb*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*
10TL-007	Hemlock Bark	392121	5607578	July- N of Tsuius Ck	8	11.8	0.68	0.38	3.93	187	0.06	0.7	2.18	0.07	11.4
10TL-008	Bracken Fern	392129	5607580	July- N of Tsuius Ck	24	296.6	9.75	0.36	7.29	8	0.59	1.4	0.16	<0.02	27.1
10TL-009	Hemlock Bark	393419	5607198	July- N of Tsuius Ck	6	4.9	0.03	0.04	5.42	96	0.01	<0.1	0.62	0.03	13.5
10TL-010	Hemlock Bark	394586	5606319	July - TL3	3	5.5	0.1	0.06	3.84	136	0.03	0.1	1.58	0.03	14.4
10TL-047	Mushroom	387849	5606924	Sept - TL1 - Discovery site	6029	1.8	0.02	5.54	12.77	19	0.02	0.5	1.22	6.95	61.6
10TL-051	Mushroom	387834	5606906	Sept - TL1 - Discovery site	4032	2	<0.01	1.66	28.42	76	0.05	0.2	2.89	0.19	43.5

Table 4: Summary of vegetation analyses. Details provided in Appendix 5.

9.4 Rocks

Ten rocks were crushed and fully digested (4-acid) prior to analysis for total metal content at Acme Labs (Method 1EX – 41 elements).

Enrichments of note (with maxima in parentheses) were Ba (6587 ppm), Bi, Cd (15.5 ppm), REE (slightly elevated – e.g. 147 ppm Ce compared to a crustal average of 60 ppm Ce), Cr (188 ppm), Pb (95 ppm), V (326 ppm) and, in particular, up to 1027 ppm Cu, 171 ppm Mo, 791 ppm Ni and 2974 ppm Zn (Table 5).

ELEMENT	Easting	Northing		Ag	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	La	Li	Mo	Ni	Pb	V	Zn
SAMPLES			*Type*	*ppm*	*ppm*	*ppm*	*%*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*	*%*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*
10 TL 006	392138	5607582	Rock	1.6	186	<0.1	3.3	0.3	38	5.7	28	7.5	3.54	22	32.7	0.2	10.7	13.4	34	48
10 TL 042	388159	5607307	Rock	0.1	37	<0.1	0.08	0.5	8	1.9	16	7.1	0.53	3.7	19	2.1	14.2	9.2	73	75
10 TL 043	388074	5607226	Rock	0.2	428	<0.1	29.58	15.5	5	1.4	6	6.4	0.7	3.3	11.3	10.1	8.5	39.5	43	2974
10 TL 044	388064	5607191	Rock	0.1	477	<0.1	3.97	0.5	147	25.3	188	4.5	4.19	78.7	53.9	0.2	113.8	32.7	204	161
10 TL 045	388060	5607181	Rock	0.2	1269	<0.1	4.96	0.4	141	23.7	166	4.3	3.57	77.9	39	0.3	110.2	18.6	217	152
10 TL 046	387906	5606936	Rock	<0.1	1426	0.3	8.67	0.3	60	12.8	47	4.7	3.01	33.1	12.4	0.4	27.8	16.9	75	81
10 TL 048	387846	5606922	Rock	1.5	6587	1.1	0.06	<0.1	16	0.3	12	28.4	9.35	10.5	2.3	98.2	1.6	45.5	78	276
10 TL 050	387850	5606916	Rock	1.3	19	2.5	0.07	0.2	4	0.7	26	114.8	36.17	2.1	0.8	168.6	16	95.2	326	850
10 TL 052	387841	5606923	Rock	3.3	23	2.4	0.12	2.2	1	33.6	23	1026.7	32.84	0.5	0.9	170.9	791.2	30.7	99	1448
10 TL 055	387910	5607140	Rock	0.1	77	<0.1	25.81	0.4	11	4.1	3	<0.1	1.97	6.3	11	0.2	1.9	16	31	60

Table 5: Summary of rock analyses. Details provided in Appendix 6

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.

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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 Initial claims TL1 and TL2 (12th February, 2010 to 11th February 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, ActLabs and ODM Laboratories	$ 3,142.55
Data analysis, report writing and preparation: 2 days @ $800.00/day	$ 1,600.00
Drafting and GIS support: 5 hr @ $50/hr	$ 250.00
Sub-total	***$13,592.55***
15% administration fee	$ 2,038.88
Total	$ 15,631.43
Total amount applied	**$ 15,631.43**

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 8th day of April, 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
8756 Pender Park Drive
North Saanich
BC, V8L3Z5.

Dated at North Saanich, B.C. this 8th day of April, 2011
Reg. No. 136910 **Association of Professional Engineers and Geoscientists of British Columbi**a

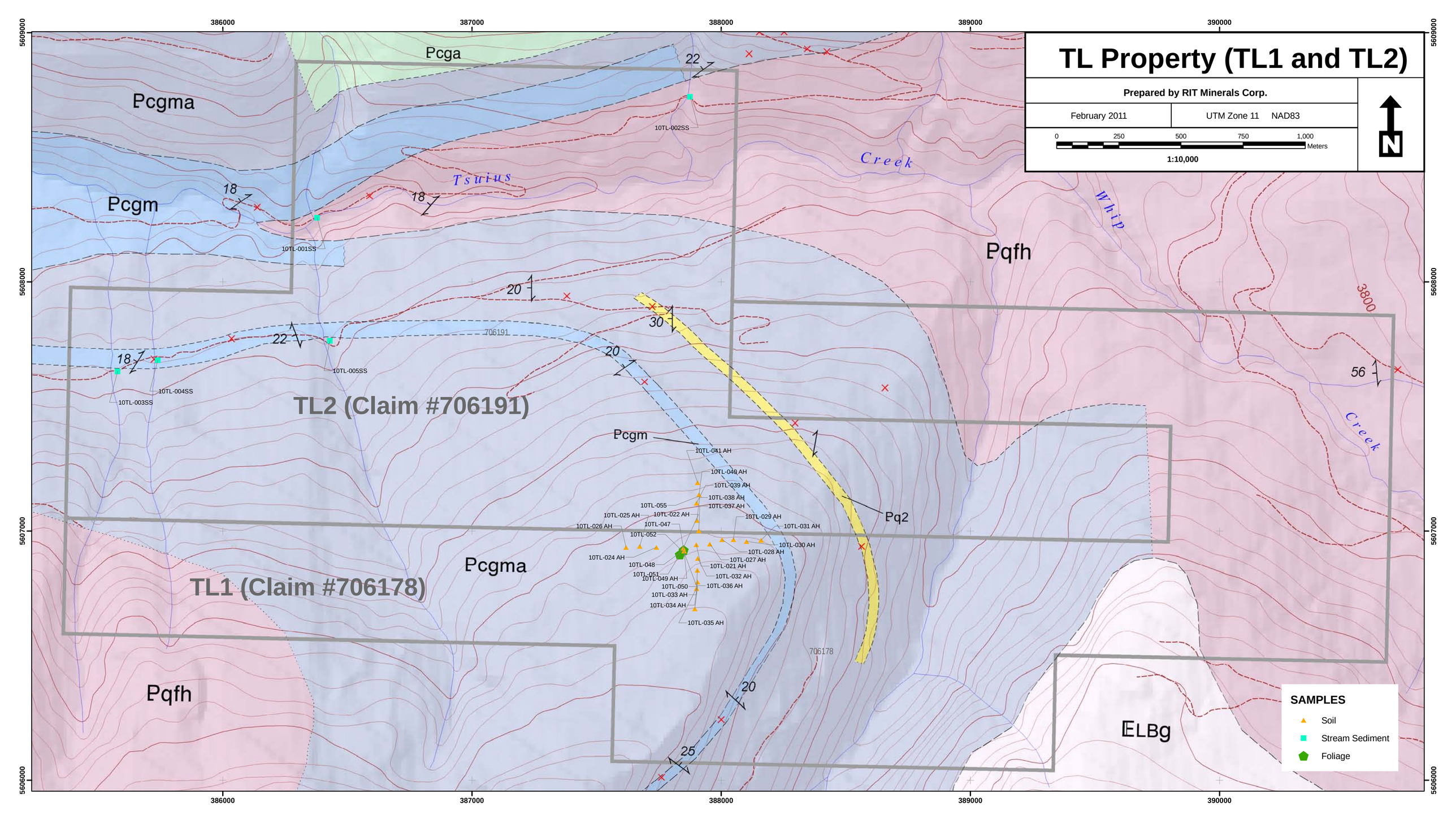
I, **Renée Hetherington**, do hereby certify that:

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 8th day of April, 2011


TL Property (TL1 and TL2)
Prepared by RIT Minerals Corp.
February 2011
UTM Zone 11 NAD83
0 250 500 750 1,000 Meters
1:10,000
N
386000
387000
388000
389000
390000
5609000
5608000
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Pcgma
Pcgm
Pqfh
Pq2
ELBg
Tsirius Creek
Whip Creek
3800
706191
706178
TL2 (Claim #706191)
TL1 (Claim #706178)
10TL-001SS
10TL-002SS
10TL-003SS
10TL-004SS
10TL-005SS
10TL-021 AH
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10TL-047
10TL-048
10TL-049 AH
10TL-050
10TL-051
10TL-052
10TL-055
SAMPLES
Soil
Stream Sediment
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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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	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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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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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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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
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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www.acmelab.com

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

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	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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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
	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

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771
FAX NO.: (613) 226-8753
EMAIL: odm@storm.ca

D A T A T R A N S M I T T A L R E P O R T

DATE: 17-Sep-10

ATTENTION: **Mr. Colin E. Dunn, PhD, P.Geo**

CLIENT: **Consulting Geochemist**
8756 Pender Park Drive
North Saanich
BC, V8L 3Z5

E-Mail: **colindunn@shaw.ca**

NO. OF PAGES:

PROJECT: **10-TL--SS**

FILE NAME: **Dunn - (10-TL--SS) - Sept 2010**

SAMPLE NUMBERS: **10-TL-001SS to 005SS**

BATCH NUMBER: **5065**

NO. OF SAMPLES: **5**

THESE SAMPLES WERE PROCESSED FOR: **MMSIMs**
GOLD

SPECIFICATIONS:
1. Submitted by client: ±5 kg alluvial sand & gravel samples.
2. Nonferromagnetic fraction of oversized 0.25-2.0 mm heavy liquid concentrates split to 25 percent before final processing.
3. Heavy liquid separation specific gravity: 3.20.
4. 0.25-2.0 mm nonferromagnetic heavy mineral fraction picked for indicator minerals.

REMARKS: -0.25 mm HMC sent to Actlabs for analysis.

Remy Huneault, P.Geo.
Laboratory Manager

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5 Batch Number: 5065

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g) *	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
10-TL-001SS	0	0	0	0	19.2	0	0	0	0
10-TL-002SS	0	0	0	0	20.4	0	0	0	0
10-TL-003SS	0	0	0	0	16.4	0	0	0	0
10-TL-004SS	1	1	0	0	25.6	8	8	0	0
10-TL-005SS	0	0	0	0	20.0	0	0	0	0

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total		
10-TL-001SS	No	NO VISIBLE GOLD								
10-TL-002SS	No	NO VISIBLE GOLD								
10-TL-003SS	No	NO VISIBLE GOLD								
10-TL-004SS	No	10 C	50	50	1			1		
								1	25.6	8
10-TL-005SS	No	NO VISIBLE GOLD								

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

Batch Number: 5065

Remarks

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5

Batch Number: 5065

Sample Number	Weight (kg)				Clasts >2.0 mm					Matrix <2.0 mm							Class
						Percentage				Distribution					Colour		
	Bulk Rec'd	Table Split	+2 mm Clasts	Table Feed	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	Org	Sand	Clay	
10-TL-001SS	5.6	5.1	0.3	4.8	P	10	90	0	0	S	MC	N	N	N	LOC	LOC	SAND + GRAVEL
10-TL-002SS	5.8	5.3	0.2	5.1	P	10	90	0	0	S	MC	N	N	N	LOC	LOC	SAND + GRAVEL
10-TL-003SS	5.0	4.5	0.4	4.1	P	10	90	0	0	S	MC	N	N	N	LOC	LOC	SAND + GRAVEL
10-TL-004SS	7.2	6.7	0.3	6.4	P	5	95	0	0	S	MC	N	N	N	LOC	LOC	SAND + GRAVEL
10-TL-005SS	5.9	5.4	0.4	5.0	P	Tr	100	0	0	S	MC	N	N	N	LOC	LOC	SAND + GRAVEL

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
HEAVY MINERAL PROCESSING WEIGHTS

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5

	Weight (g)										
	<2.0 mm Table Concentrate										
			0.25-2.0 mm Heavy Liquid Separation S.G 3.20								
					Nonferromagnetic HMC						
						Processed Split					
						Total					
Sample Number	Total	-0.25 mm	Heavy Liquid Lights	Mag HMC	Total	%	Weight	<0.25 mm (wash)	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm
10-TL-001SS	722.8	238.9	247.1	0.4	236.4	25	59.1	1.1	28.8	25.1	4.1
10-TL-002SS	482.8	261.5	134.4	0.2	86.7	100	86.7	4.0	50.3	26.5	5.9
10-TL-003SS	704.0	310.6	126.0	0.6	266.8	25	66.7	2.3	44.5	18.0	1.9
10-TL-004SS	1,032.4	625.9	110.5	0.4	295.6	25	73.9	3.2	54.1	13.1	3.5
10-TL-005SS	944.9	397.4	199.8	0.5	347.2	25	86.8	2.9	52.2	25.4	6.3

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
-0.25 mm HEAVY MINERAL PROCESSING

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5

Sample Number	Weight (g)				
	<0.25 mm Table Concentrate				
		Heavy Liquid Separation S.G. 3.2			
			-0.25 mm HMC		
	Total	Lights*	Total	Mag	Non Mag
10-TL-001SS	238.9	170.8	68.1	0.4	67.7
10-TL-002SS	261.5	205.9	55.6	0.1	55.5
10-TL-003SS	310.6	205.7	104.9	0.2	104.7
10-TL-004SS	625.9	368.1	257.8	0.3	257.5
10-TL-005SS	397.4	253.6	143.8	0.4	143.4

*The <0.25 mm table concentrate fractions were further concentrated by retabling before heavy liquid separation. The heavy liquid lights fraction weights include the <0.25 mm table reject fraction.

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
NONFERROMAGNETIC HEAVY MINERAL CONCENTRATE

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5
Batch Number: 5065

Sample Number	Weight (g) Nonferromagnetic Heavy Mineral Concentrate			
			Analytical Split	
	Total	Excess	INA	ICP
10-TL-001SS	67.7	5.1	57.6	5.0
10-TL-002SS	55.5	0.0	50.5	5.0
10-TL-003SS	104.7	46.9	52.7	5.1
10-TL-004SS	257.5	194.8	57.7	5.0
10-TL-005SS	143.4	83.9	54.5	5.0

OVERBURDEN DRILLING MANAGEMENT LIMITED
MMS INDICATOR MINERAL DATA

Project: 10-TL--SS
Filename: Dunn - (10-TL--SS) - Sept 2010
Total Number of Samples in this Report = 5

Sample Number	Sulphide/Arsenide + Related Minerals 0.25-0.5 mm				Mg/Mn/Al/Cr Minerals 0.25-0.5 mm											Phosphates	
	>1 amp			<1.0 amp	>1.0 amp							<0.8 amp				>1.0 amp	
	% Cpy	Misc. Prime MMSIMs	% Py	% Gth	# Grains + Colour Spinel	Misc. Prime MMSIMs	% Red Rutile	% Ky	% Sil	% Tm	% St	% Sps	% Ol	% Opx	% Cr	% Ap	% Mz
10-TL-001SS	Tr (1 gr)	0	1 (~600 gr)	0	1 pale pink	0	Tr (~50 gr)	2	0	0	Tr	0	0	0	0	5	Tr
10-TL-002SS	Tr (1 gr)	0	0	0	5 pink, green, grey	Tr chondrodite (4 gr) Tr ruby corundum (2 gr) Tr low-Cr diopside (19 gr)	Tr (~40 gr)	Tr	2	0	Tr	0	0	0	0	3	0
10-TL-003SS	0	0	0	0	4 pale pink, grey	Tr ruby corundum (1 gr)	Tr (11 gr)	Tr	Tr	0	0	0	0	Tr	0	Tr	0
10-TL-004SS	0	0	Tr (2 gr)	0	1 green gahnite; 2 green hercynite; 9 pink spinel	Tr chondrodite (8 gr) Tr ruby corundum (7 gr) Tr low-Cr diopside (1 gr)	Tr (~60 gr)	Tr	3	0	Tr	0	0	0	0	10	0
10-TL-005SS	0	0	0	Tr	30 pink, grey, grey-green	Tr chondrodite (1 gr) Tr ruby corundum (1 gr) Tr low-Cr diopside (1 gr)	Tr (19 gr)	0	Tr	0	0	0	0	Tr	0	10	0

Remarks	Picked Grains	INPUT Assemblage	INPUT Remarks
Almandine/diopside assemblage. SEM check from 0.25-0.5 mm fraction: 1 chalcopyrite candidate = 1 chalcopyrite.	0.5-1.0 mm fraction: 1 red rutile 0.25-0.5 mm fraction: 1 chalcopyrite 1 spinel 10 representative red rutile	Almandine/diopside	SEM check from 0.25-0.5 mm fraction: 1 chalcopyrite candidate = 1 chalcopyrite.
Almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 8 green gahnite versus diopside candidates = 6 diopside and 2 spinel; and 10 ruby corundum versus almandine candidates = 2 ruby corundum and 8 almandine.	0.25-0.5 mm fraction: 1 chalcopyrite 6 diopside resembling gahnite 5 spinel 4 chondrodite 2 ruby corundum 8 almandine resembling ruby corundum 19 low-Cr diopside 20 representative red rutile	Almandine/diopside	SEM checks from 0.25-0.5 mm fraction: 8 green gahnite versus diopside candidates = 6 diopside and 2 spinel; and 10 ruby corundum versus almandine candidates = 2 ruby corundum and 8 almandine.
Almandine/diopside assemblage. SEM check from 0.25-0.5 mm fraction: 1 ruby corundum versus almandine candidate = 1 ruby corundum.	0.25-0.5 mm fraction: 4 spinel 1 ruby corundum 11 red rutile	Almandine/diopside	SEM check from 0.25-0.5 mm fraction: 1 ruby corundum versus almandine candidate = 1 ruby corundum.
Almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 3 green gahnite versus spinel candidates = 1 gahnite and 2 hercynite; 1 Cr-garnet versus low-Cr diopside candidate = 1 goldmanite {Ca3V2(SiO4)3}; and 2 forsterite versus diopside candidates = 2 diopside.	0.25-0.5 mm fraction: 1 gahnite 2 hercynite 9 spinel 8 chondrodite 7 ruby corundum 1 low-Cr diopside 2 diopside resembling forsterite 1 goldmanite	Almandine/diopside	SEM checks from 0.25-0.5 mm fraction: 3 green gahnite versus spinel candidates = 1 gahnite and 2 hercynite; 1 Cr-garnet versus low-Cr diopside candidate = 1 goldmanite {Ca3V2(SiO4)3}; and 2 forsterite versus diopside candidates = 2 diopside.
Almandine/diopside-titanite assemblage. SEM checks from 0.5-1.0 mm fraction: 1 spinel versus ruby corundum candidate = 1 spinel. SEM checks from 0.25-0.5 mm fraction: 1 chondrodite versus titanite candidate = 1 chondrodite; and 1 ruby corundum versus almandine candidate = 1 ruby corundum.	0.5-1.0 mm fraction: 5 grey, pink spinel 0.25-0.5 mm fraction: 20 representative spinel 1 chondrodite 1 ruby corundum 1 low-Cr diopside 19 red rutile	Almandine/diopside-titanite	SEM checks from 0.5-1.0 mm fraction: 1 spinel versus ruby corundum candidate = 1 spinel. SEM checks from 0.25-0.5 mm fraction: 1 chondrodite versus titanite candidate = 1 chondrodite; and 1 ruby corundum versus almandine candidate = 1 ruby corundum.

OVERBURDEN DRILLING MANAGEMENT LIMITED
LABORATORY ABBREVIATIONS

SEDIMENT LOG

Largest Clasts Present:
- G: Granules
- P: Pebbles
- C: Cobbles

Clast Composition:
- V/S: Volcanics and/or sediments
- GR: Granitics
- LS: Limestone, carbonates
- OT: Other Lithologies (refer to footnotes)
- TR: Only trace present
- NA: Not applicable
- OX: Very oxidized, undifferentiated

Matrix Grain Size Distribution:
- S/U: Sorted or Unsorted
- SD: Sand (F: Fine; M: Medium; C: Coarse)
- ST: Silt
- CY: Clay
- Y: Fraction present
- +: Fraction more abundant than normal
- -: Fraction less abundant than normal
- N: Fraction not present

Matrix Organics:
- ORG: Y: Organics present in matrix
- N: Organics absent or negligible in matrix
- +: Matrix is mainly organic

Matrix Colour:

Primary:
- BE: Beige
- GY: Grey
- GB: Grey-beige
- GN: Green
- GG: Grey-green
- PP: Purple
- PK: Pink
- PB: Pink-Beige

Secondary (soil):
- OC: Ochre
- BN: Brown
- BK: Black

Secondary Colour Modifier:
- L: Light
- M: Medium
- D: Dark

GOLD GRAIN LOG

Thickness:
- VG: Visible gold grains
- M: Actual measured thickness of grain (microns)
- C: Thickness of grain (microns) calculated from measured width and length

KIM (kimberlite indicator mineral) LOG

- GP: Purple to red peridotitic garnet (G9/10 Cr-pyrope)
- GO: Orange mantle garnet; includes both eclogitic pyrope-almandine (G3) and Cr-poor megacrystic pyrope (G1/G2) varieties; may include unchecked (by SEM) grains of common crustal garnet (G5) lacking diagnostic inclusions or crystal faces
- DC: Cr-diopside; distinctly emerald green (paler emerald green low-Cr diopside picked separately)
- IM: Mg-ilmenite; may include unchecked (by SEM) grains of common crustal ilmenite lacking diagnostic inclusions or crystal faces
- CR: Chromite
- FO: Forsterite

MMSIM (metamorphosed or magmatic massive sulphide indicator mineral) and PCIM (porphyry Cu indicator mineral) LOGS

Adr: Andradite	Cr: Chromite	Ky: Kyanite	Sil: Sillimanite	Ttn: Titanite
Ap: Apatite	Fay: Fayalite	Mz: Monazite	Spi: Spinel	
Ase: Anatase	Gh: Gahnite	Ol: Olivine	Sps: Spessartine	
Ax: Axinite	Gr: Grossular	Opx: Orthopyroxene	St: Staurolite	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

Cpy: Chalcopyrite Gth: Goethite Py: Pyrite Tm: Tourmaline

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 16-Sep-10
Invoice No.: A10-5996
Invoice Date: 12-Oct-10
Your Reference:

Colin E. Dunn, PHD,P.Geo
8756 Pender Park Drive
Sidney BC V8L 3Z5
Canada

ATTN: Colin E. Dunn

CERTIFICATE OF ANALYSIS

5 Pulp samples were submitted for analysis.

The following analytical packages were requested: Code 3A-Small HMC INAA(INAAGEO)
Code 3C Aqua Regia ICP(AQUAGEO)

REPORT **A10-5996**

Notes:
Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

CERTIFIED BY .

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited
LAB 266

LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or +1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Au	Cd	Ag	As	Co	Mn	Rb	Mo	Br	Ca	Ni	Pb	Co	Cr	Zn	S	Cs	Fe	Hf	Hg	Ir	Mo	Na
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppb	ppm	%
Detection Limit	0.2	5	0.5	5	2	1	2	200	2	5	1	1	3	5	10	1	0.01	2	0.02	1	5	50	20	0.05
Analysis Method	AR-ICP	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
10-TL-301SS	< 0.2	< 5	< 0.5	< 5	< 2	30	363	< 200	< 2	< 5	< 1	25	4	19	100	21	0.23	< 2	5.59	15	< 5	< 50	< 20	0.06
10-TL-302SS	< 0.2	< 5	0.5	< 5	< 2	22	219	< 200	3	< 5	13	16	7	11	120	83	0.03	< 2	5.80	18	< 5	< 50	< 20	0.11
10-TL-303SS	< 0.2	< 5	< 0.5	< 5	4	12	277	< 200	< 2	< 5	10	13	< 3	21	150	32	0.02	< 2	10.2	17	< 5	< 50	< 20	0.18
10-TL-304SS	< 0.2	< 5	< 0.5	< 5	< 2	6	323	< 200	< 2	< 5	8	8	7	15	120	23	< 0.01	< 2	9.25	17	< 5	< 50	< 20	0.12
10-TL-305SS	< 0.2	< 5	< 0.5	< 5	< 2	14	304	< 200	3	< 5	11	23	5	14	60	90	0.02	< 2	8.50	24	< 5	< 50	< 20	0.14

Activation Laboratories Ltd. Report: A10-5996

Analyte Symbol	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	200	50	0.2	0.1	20	0.2	1	0.5	0.5	4	200	1	3	10	0.1	0.2	2	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
10-TL-001SS	< 200	< 50	< 0.2	52.0	< 20	< 0.2	5	100	29.7	11	< 200	276	523	170	39.7	4.2	7	26.0	4.54	57.7
10-TL-002SS	< 200	< 50	< 0.2	37.0	< 20	< 0.2	3	85.0	40.5	27	330	226	426	150	33.9	4.2	4	18.1	2.76	50.4
10-TL-003SS	< 200	< 50	< 0.2	54.5	< 20	< 0.2	8	91.5	27.6	36	< 200	247	452	120	34.1	3.5	4	16.5	2.31	52.7
10-TL-004SS	< 200	< 50	< 0.2	53.4	< 20	< 0.2	6	87.7	27.2	17	200	215	388	140	28.5	2.9	< 2	16.8	2.50	57.7
10-TL-005SS	< 200	< 50	< 0.2	52.2	< 20	< 0.2	12	205	41.2	32	< 200	500	802	260	50.8	3.0	< 2	16.5	2.74	54.4

Quality Control

Analyte Symbol	Ag	Au	Cd	As	Co	Mn	Ba	Sc	Ni	Pb	Cu	Cr	Zn	S	Fe	Na	Sb	U	La	Ce	Sm
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	5	0.5	2	1	2	200	2	1	2	5	10	1	0.01	0.02	0.05	0.1	0.5	1	5	0.1
Analysis Method	AR-ICP	INAA	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	NAA	INAA	AR-ICP	AR-ICP	INAA	INAA	NAA	NAA	INAA	INAA	NAA
GXR-1 Meas	27.6		3.4		1160	788		14	34	580			672	0.18							
GXR-1 Cert	31.0		3.30		1110	652		16.0	41.0	730			760	0.257							
GXR-4 Meas	3.3		0.5		6360	729		310	35	40			71	1.65							
GXR-4 Cert	4.00		0.860		6520	755		310	42.0	52.0			63.0	1.77							
GXR-6 Meas	0.2		< 0.5		66	941		< 2	21	98			114	0.51							
GXR-6 Cert	1.30		1.50		68.0	1310		2.40	27.0	101			118	0.0160							
CRFAS 13h 4 Acid Meas	0.9				7520			0	2540				56	1.21							
CRCAS 13b 4-Acid Cert	0.86				2027			3.0	2247				1.03	1.22							
DMMAS 111 Meas		1773		1410			1800				35	80			2.91	1.68	6.2	19.6	18	17	2.6
DMMAS 111 Cert		1672		1450			1140				34	52			2.79	1.67	5.80	14.00	14.30	15.30	1.90
Method Blank Method Blank	< 0.2		< 0.5		< 1	< 2		< 2	< 1	< 2			< 1	< 0.01							

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: 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.

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

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

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

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

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

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
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

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

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	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

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

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

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

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
	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

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 12, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10005030.1

CLIENT JOB INFORMATION

Project: TL
Shipment ID:
P.O. Number
Number of Samples: 10

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	10	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1EX	10	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
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: 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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: TL
Report Date: October 12, 2010

CERTIFICATE OF ANALYSIS VAN10005030.1

Method		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
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	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
10 TL 006	Rock	0.45	0.2	7.5	13.4	48	1.6	10.7	5.7	885	3.54	25	0.7	<0.1	4.7	35	0.3	4.1	<0.1	34	3.30
10 TL 042	Rock	0.42	2.1	7.1	9.2	75	0.1	14.2	1.9	97	0.53	5	0.8	<0.1	1.1	5	0.5	0.6	<0.1	73	0.08
10 TL 043	Rock	0.65	10.1	6.4	39.5	2974	0.2	8.5	1.4	290	0.70	1	4.3	<0.1	0.6	289	15.5	0.5	<0.1	43	29.58
10 TL 044	Rock	0.55	0.2	4.5	32.7	161	0.1	113.8	25.3	717	4.19	12	1.3	<0.1	7.8	406	0.5	0.6	<0.1	204	3.97
10 TL 045	Rock	0.23	0.3	4.3	18.6	152	0.2	110.2	23.7	664	3.57	17	1.4	<0.1	8.0	499	0.4	0.5	<0.1	217	4.96
10 TL 046	Rock	0.45	0.4	4.7	16.9	81	<0.1	27.8	12.8	896	3.01	<1	2.1	<0.1	11.4	427	0.3	0.2	0.3	75	8.67
10 TL 048	Rock	0.53	98.2	28.4	45.5	276	1.5	1.6	0.3	40	9.35	14	1.6	<0.1	1.4	332	<0.1	0.4	1.1	78	0.06
10 TL 050	Rock	0.24	168.6	114.8	95.2	850	1.3	16.0	0.7	134	36.17	<1	2.2	<0.1	0.6	60	0.2	0.1	2.5	326	0.07
10 TL 052	Rock	0.21	170.9	1027	30.7	1448	3.3	791.2	33.6	148	32.84	<1	9.2	<0.1	0.1	17	2.2	0.1	2.4	99	0.12
10 TL 055	Rock	0.56	0.2	<0.1	16.0	60	0.1	1.9	4.1	732	1.97	2	0.3	<0.1	0.5	192	0.4	0.2	<0.1	31	25.81

Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: TL
Report Date: October 12, 2010

CERTIFICATE OF ANALYSIS VAN10005030.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
10 TL 006	Rock	0.022	22.0	28	1.22	186	0.115	3.80	0.022	0.79	1.6	3.4	38	1.6	15.4	4.8	0.2	1	7	32.7	1.9
10 TL 042	Rock	0.036	3.7	16	0.03	37	0.036	0.86	0.004	0.07	0.9	1.6	8	0.4	3.6	2.2	0.1	<1	<1	19.0	<0.1
10 TL 043	Rock	0.103	3.3	6	3.76	428	0.033	1.06	0.056	0.76	0.9	1.5	5	0.1	4.8	1.9	0.1	<1	<1	11.3	0.4
10 TL 044	Rock	0.251	78.7	188	2.87	477	0.493	4.80	1.437	0.41	0.9	93.5	147	1.0	15.2	23.8	0.9	2	13	53.9	0.2
10 TL 045	Rock	0.225	77.9	166	1.80	1269	0.520	4.83	1.339	1.23	1.0	113.9	141	1.1	16.0	25.0	0.9	2	13	39.0	0.3
10 TL 046	Rock	0.042	33.1	47	1.53	1426	0.301	6.03	0.933	1.23	1.7	11.7	60	2.3	21.5	12.6	0.7	2	10	12.4	<0.1
10 TL 048	Rock	0.120	10.5	12	0.02	6587	0.133	2.94	0.282	1.57	1.1	11.1	16	3.4	2.1	8.6	1.5	2	1	2.3	<0.1
10 TL 050	Rock	0.437	2.1	26	0.05	19	0.247	0.62	0.060	0.21	3.1	12.9	4	3.6	3.0	6.2	0.3	<1	1	0.8	1.5
10 TL 052	Rock	0.106	0.5	23	0.03	23	0.165	0.60	0.030	0.16	4.2	5.8	1	1.4	7.4	5.5	0.2	<1	3	0.9	>10
10 TL 055	Rock	0.008	6.3	3	6.33	77	0.035	0.61	0.052	0.12	0.1	3.6	11	1.0	3.3	0.6	<0.1	<1	1	11.0	<0.1

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

Project: TL
Report Date: October 12, 2010

CERTIFICATE OF ANALYSIS VAN10005030.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
10 TL 006	Rock	49.7	0.2
10 TL 042	Rock	4.7	<0.1
10 TL 043	Rock	41.2	<0.1
10 TL 044	Rock	14.4	1.9
10 TL 045	Rock	37.1	3.1
10 TL 046	Rock	51.4	0.5
10 TL 048	Rock	50.4	0.4
10 TL 050	Rock	6.5	0.3
10 TL 052	Rock	5.3	0.2
10 TL 055	Rock	10.3	0.2

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8756 Pender Park Drive
Sidney BC V8L 3Z5 Canada

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QUALITY CONTROL REPORT VAN10005030.1

	Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	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	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Reference Materials																					
STD OREAS24P	Standard		1.5	50.4	3.2	117	<0.1	147.1	47.0	1125	7.64	2	0.7	<0.1	2.9	384	0.2	0.1	<0.1	164	6.28
STD OREAS45P	Standard		2.2	745.9	23.4	155	0.5	387.2	124.4	1314	19.33	14	2.3	<0.1	10.4	34	0.2	0.9	0.2	276	0.28
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	0.32	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.1	1.9	21.4	71	<0.1	3.4	4.8	791	2.35	<1	3.0	<0.1	7.8	668	<0.1	0.2	<0.1	51	2.39
G1	Prep Blank	<0.01	0.2	1.6	21.6	82	<0.1	3.8	4.8	758	2.32	<1	2.5	<0.1	7.1	696	<0.1	0.2	<0.1	49	2.39

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

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8756 Pender Park Drive
Sidney BC V8L 3Z5 Canada

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QUALITY CONTROL REPORT VAN10005030.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Reference Materials																					
STD OREAS24P	Standard	0.140	18.7	197	4.11	284	1.112	8.04	2.413	0.70	0.5	140.3	38	1.5	21.6	21.0	1.2	1	20	8.4	<0.1
STD OREAS45P	Standard	0.045	24.9	1067	0.19	290	1.026	6.76	0.079	0.36	1.0	153.9	49	2.7	13.5	20.9	1.2	<1	71	14.3	<0.1
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7	
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	48.9	2.5	13	21.6	1.2		67	14.7	0.03
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	0.087	25.9	9	0.66	982	0.244	7.50	2.687	3.04	<0.1	12.8	55	1.4	14.7	26.1	1.5	2	6	34.1	<0.1
G1	Prep Blank	0.085	24.5	7	0.64	1060	0.241	7.68	2.808	3.23	0.1	13.3	51	1.3	14.4	26.4	1.4	3	6	36.3	<0.1

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

Project: TL
Report Date: October 12, 2010

QUALITY CONTROL REPORT VAN10005030.1

		Method	1EX	1EX
		Analyte	Rb	Hf
		Unit	ppm	ppm
		MDL	0.1	0.1
Reference Materials				
STD OREAS24P	Standard		21.6	3.3
STD OREAS45P	Standard		25.6	3.9
STD OREAS24P Expected			22.4	3.6
STD OREAS45P Expected			24.6	4.12
BLK	Blank		<0.1	<0.1
Prep Wash				
G1	Prep Blank		114.9	0.7
G1	Prep Blank		118.4	0.7