Assessment Report
On The
Mavis Lake Lithium Property
Brownridge Township, Kenora Mining District
Near Dryden, Northwestern Ontario

NTS Map Sheet 52F/15E

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1.0 Summary

The Mavis Lake Lithium Property (the "Property"), which consists of 13 contiguous claims (160 units, totaling 2,544 ha) within Brownridge Township, is located approximately 19 km east-northeast of Dryden in northwestern Ontario.

This report was edited by John Harrop and is derived from a previous 43-101 Technical Report to a format suitable for assessment report filing. The original work is due to the other three authors.

This report documents the geology, mineralogy, lithogeochemistry, economic geology, historical exploration and a proposed exploration program of the Mavis Lake rare-element claim-group (Mavis Lake Property) near Dryden, Ontario. The 2009 exploration program was focused upon lithium and tantalum mineralization within a late Archaean (2665 million year old) swarm of granitic pegmatites and associated metasomatic alteration that comprises part of the Dryden pegmatite field.

In the regional context, the Mavis Lake Property lies within a 2733 to 2706 Ma collisional tectonic zone known as the Sioux Lookout Domain (SLD) in the western Wabigoon Subprovince (WS) that evolved during the Kenoran orogeny. The 150 by 900 km WS is a granite-greenstone terrain and comprises metavolcanic and subordinate metasedimentary rocks, ranging in age from 3.0 Ga to 2.71 Ga, and intruded by 3.0 to 2.69 Ga granitoid batholiths, gabbroic sills and stocks.

The mineralization is specifically contained within the 1.8-3 by 8 km Mavis Lake pegmatite group (MPG), that comprises a swarm of rare-element class granitic pegmatites and associated metasomatic zones genetically related to the 2685 Ma, S-type, peraluminous, fertile Ghost Lake batholith (GLB). Strong mineralogical zonation of pegmatite types has been documented with increasing eastward distance from this parental granite: beryl-bearing pegmatitic granite units in the GLB →external beryl-type pegmatite zone→albite-spodumene-type pegmatite zone→albite-type pegmatite zone. The rare-element granitic pegmatites of the area also belong to the LCT-geochemical family (**L**ithium-**C**aesium-**T**antalum).

Eleven rare-element granitic pegmatites are known on the Mavis Lake Property and vary in strike length from 11 to >240m, and thicknesses in 0.3 to >2.4m range. These bodies are mainly hosted in the 2733 Ma Brownridge mixed felsic-mafic metavolcanic unit of the Neepawa group that is intensely deformed by at least 4 folding events that culminated

with development of a regional shear zone (Wabigoon fault) and metamorphism to middle amphibolite grade.

Historical exploration for rare-elements has focused upon the lithium potential of the albite-spodumene-type pegmatites and tantalum potential in the albite-type pegmatites situated on the Mavis Lake and adjacent Fairservice properties. The latter property contains a resource of 500,000 tons averaging 1.0 wt.% Li_2O (Storey 1990, p. 153). This is a historical resource not compliant to NI43-101 standards. The author did not review the methods of calculating this resource.

The initial discovery of rare-element mineralization occurred in the mid-1950's related to a boom in the lithium demand owing to the US atomic energy program. Most surface exposures of spodumene pegmatites were found during this period. Subsequent exploration focused upon tantalum spurred by high technology applications during the early 1980's and 1997-2001. In recent times there has been a surge in interest in lithium, due to advancement in lithium-ion technology and is the commodity of chief interest in the company's exploration program.

The rare-element pegmatites are associated with a significant lithium lithogeochemical anomaly at least 7km in strike length and widths of 100 to 700m according to historical record. Exploration during 2009 extended this anomaly a further 1.1 km to the northeast.

The highest lithium values on the Mavis Lake Property occur in albite-spodumene-type pegmatites with Li_2O values up to 1.22 wt.% over 5.3 meters from a composite channel sample across part of Pegmatite 18 documented in 2009 work by the Company. Numerous grab samples with elevated tantalum, cesium and rubidium were encountered in sodic aplite and albitite dykes within a 500 by 800 m area of the albite-type pegmatite zone. The highest values for Ta_2O_5 (1349 ppm), Rb_2O (1.0 wt.%) and Cs_2O (1537 ppm) were encountered in these high sodium units (6 to 10.5 wt.% Na_2O). The eastern and southeastern limits of the rare-element mineralization, associated with albite-type pegmatites on the Mavis Lake Property, remains open to the east and southeast.

A systematic exploration program for lithium, tantalum, cesium and rubidium in exposed and blind pegmatites is proposed for the claim-group that includes geological and structural mapping, lithogeochemical sampling, documentations of the economically important mineralogy through electron microprobe analysis and establishment of vectors of pegmatite evolution.

2.0 Introduction and Terms of Reference

This report presents the results of 2009 exploration programs conducted by Coast Mountain Geological Ltd. A BC registered mineral exploration consulting company in conjunction with the Company personnel. The report is written and by J. Garry Clark, Ike A. Osmani and Fred W. Breaks and edited by John Harrop utilizing sources of information from reports listed in Section**16.0** References. All four Authors edited the illustrations. The report and recommendations are based on:

1. Public data archived at the Ministry of Northern Development, Mines and Forestry, Kenora and Sudbury, Ontario.

2. Exploration records provided by TNR and ILC.

3. A personal site visit by the independent author J. Garry Clark to the Property on January 11th, 2010.

The co-author I.A. Osmani held the position of chief geologist with ILC and its parent company TNR when the 43-101 parent document was written, and is a practicing member of professional geoscientists/engineers associations in Ontario, Manitoba, British Columbia and Northwest Territory. He is also an internal Qualified Person (QP) on ILC's Canadian rare-metals/rare earth elements projects. The author F.W. Breaks is a special advisor on the Company's rare metal projects, and a practicing member of the professional geoscientists of Ontario. The 2009 exploration program by the Company was planned and executed under the supervision of I.A. Osmani and F.W. Breaks.

2.1 Abbreviations and Units

Confusion can result from the various ways that lithium and other rare metals quantities and concentrations have been reported in scientific and business publications. In this report, rare metals (lithium, tantalum, caesium, rubidium etc.) are reported as elemental metal quantities and converted to oxides by using their respective conversion factors (*see* Tables 1 and 2). All references to dollars are in Canadian dollars (CDN$) unless otherwise indicated. Abbreviations and units used in this report are those commonly referred to in the scientific literature.

Table 1 Abbreviations and SI Units used in this report

Abbrev.	Long Form	Notes
Be	Beryllium	Alkaline earth
Cs	Cesium	Alkali metal
Cs_2O	Cesium Oxide	

Abbrev.	Long Form	Notes
K	Potassium	Alkali metal
Li	Lithium	Alkali metal
Li_2CO_3	Lithium Carbonate	
Li_2O	Lithium Oxide	
Na_2O	Sodium Oxide	
Nb	Niobium	Transition metal
Nb_2O_5	Niobium pentoxide	
Rb	Rubidium	Alkali metal
Rb_2O	Rubidium Oxide	
Ta	Tantalum	Transition metal
Ta_2O_5	Tantalum pentoxide	
REEs	Rare earth elements	***Lanthanides Series***: La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu; Yttrium (Y) and Scandium (Sc) are not part of this series but generally included with the REEs due to geochemical similarity
Ga	Billion years	Widely used abbreviation in geochronology
Ma	Million years	Widely used abbreviation in geochronology
SI Units	**2.1.1.1 Long Form**	**2.1.1.2 Notes**
ppb	Parts per billion	
ppm	Parts per million	
T	Tonne (long)	1 long tonne equals to 1,016.046 kg
kg	Kilogram	1 kg equals to 2.204 lbs (pounds)
g	Gram	31.103 476 grams equal to 1 troy ounce
km	Kilometer	1 km equals to 0.621371 mile
m	Metre	1 m equals to 3.280 feet
cm	Centimeter	2.54 cm equal to 1 inch
mm	Millimeter	25.4 mm equal to 1 inch
ha	Hectare	1 ha equals to 2.471054 acres
16 ha		Typically an area of 1 claim unit
wt.%	Weight percent	

Table 2 Conversion Factors - ppm rare element to weight % rare element oxide

Weight % Rare Element	2.1.1.3 Conversion Factor	Weight % Rare Element Oxide
Beryllium (e.g., 0.50% Be)	2.778	0.50% x 2.778 = 1.39% BeO
Lithium (e.g., 2.55% Li)	2.152	2.55% x 2.152 = 5.49% Li_2O
Niobium (e.g., 325	1.431	325 ppm = 0.0325% x 1.431 =

ppm Nb)		0.0465 wt% Nb_2O_5
Tantalum (e.g., 755 ppm Ta)	1.221	755 ppm = 0.0755% x 1.221 = 0.092 wt% Ta_2O_5
Cesium (e.g., 500 ppm Cs)	1.060	500 ppm = 0.05 x 1.060 = 0.053 wt% Cs_2O
Rubidium (e.g., 15000 ppm = 1.5% Rb)	1.099	1.5% x 1.099 = 1.65 wt% Rb_2O

2.2 Granitic Pegmatite Minerals

Pegmatite is a common igneous plutonic rock of variable texture having a crystal size from few centimeters to occasionally reaching a metre or so in length. The word pegmatite refers to a rock of granite composition consisting of common granite minerals such as ***quartz, feldspar (both sodic and potassic)*** and ***micas*** plus minerals containing ***lithium, tantalum-niobium*** and ***rare earths*** (Table 3). Pegmatites also commonly contain typical pneumatolitic and hydrothermal minerals, such as ***tourmaline, cassiterite, fluorite, apatite*** etc. They are economically important as a source of many rare elements, including ***radioactive ones***, together with ***tin*** and ***tungsten***.

Table 3 List of common granitic pegmatite minerals found in Ontario

Mineral	Simplified Composition	Chemical Formula
Amblygonite-montebrasite series	Li-phosphate	$LiAlPO_4(F,OH)$
Andalusite (usually in sedimentary host rock)	Aluminosilicate	Al_2SiO_5
Apatite (Fluor/Chlor apatite)	F/Cl-apatite	$Ca_2(PO_4)_3(F,OH)/Ca_5(PO_4)_3Cl$
Beryl	Be-silicate	$Be_3Al_2Si_6O_{18}$
Cassiterite	Sn-oxide	SnO_2
Columbite-tantalite group	(Fe/Mn, Nb)-oxide (Fe/Mn, Ta)-oxide	$FeNb_2O_6/MnNb_2O_6$ $FeTa_2O_6/MnTa_2O_6$
Feldspars	Na-plagioclase (albite) K-feldspar (potassium feldspar)	$NaAlSi_3O_8$ $KAlSi_33O_8$
Holmquistite (usually in mafic	Li-amphibole	$Li_2(Mg,Fe^{2+})_3Al_2Si_8O_{22}(OH)$

volcanic host rock)		
Garnet (many species)	Fe-garnet (almandine) Other varieties such as Mn/Ca/Mg-garnets	$Fe_3Al_2(SiO_4)_3$
Mica (many species)	Muscovite Lepidolite (Li-mica) Biotite Phlogopite (Mg-biotite)	$KAl_2(Si_3Al)O_{10}(OH,F)_2$ $K(Li,Al)_3(Si,Al)_4O_{10}(F,OH)_2$ $K(Mg,Fe^{2+})_3(Al,Fe^{3+})Si_3O_{10}(OH,F)_2$ $KMg_3(AlSi_3)O_{10}(F,OH)_2$
Molybdenite	Mo-sulphide	MoS_2
Petalite	Li-aluminosilicate	$LiAlSi_4O_{10}$
Pollucite	Cs-aluminosilicate	$(Cs,Na)AlSi_2O_6.nH_2O$
Quartz		SiO_2
Spodumene	Li-aluminosilicate	$LiAlSi_2O_6$
Tourmaline (many species)	Na,Fe/Na,Mg/Na,Li/Ca,Li -tourmaline	
Wodginite group	(Mn,Fe,Sn,Ta)-oxide	$(Mn, Fe)SnTa_2O_8$
Zircon	Zr-silicate	$ZrSiO_4$

3.0 Property Description and Location

The Mavis Property is located south and east of Mavis Lake within Brownridge Township in northwestern Ontario. The claim group, which occurs within the Kenora Mining District, is approximately 19 km by road to the east-northeast of Dryden, and is shown on National Topographic System (NTS) map sheet 52F/15E (Figure 1). The property is centered approximately at 526 500mE/5 520 200mN UTM coordinates (Zone 15N, NAD83).

The property consists of 13 contiguous unpatented claims (160 units), totaling 2,544 hectares (Table 4 and Figure 2). TNR acquired 100% interest in the property by staking claims in two stages. The property is not subject to any underlying royalties, back-in rights, payments or other agreements and encumbrances.

The Property hosts known mineral occurrences but no developed prospects (Figure 8).

The eastern property boundary is bound by Lola Lake Provincial Reserve, which was regulated in 1985 from a Provincial Park to a nature reserve class park.The claims have not been legally surveyed. The Government of Ontario owns the surface rights.

The Government of Ontario requires expenditures of $400 per year per unit, prior to expiry, to keep the claims in good standing for the following year. The report must be submitted by the assessment due date.

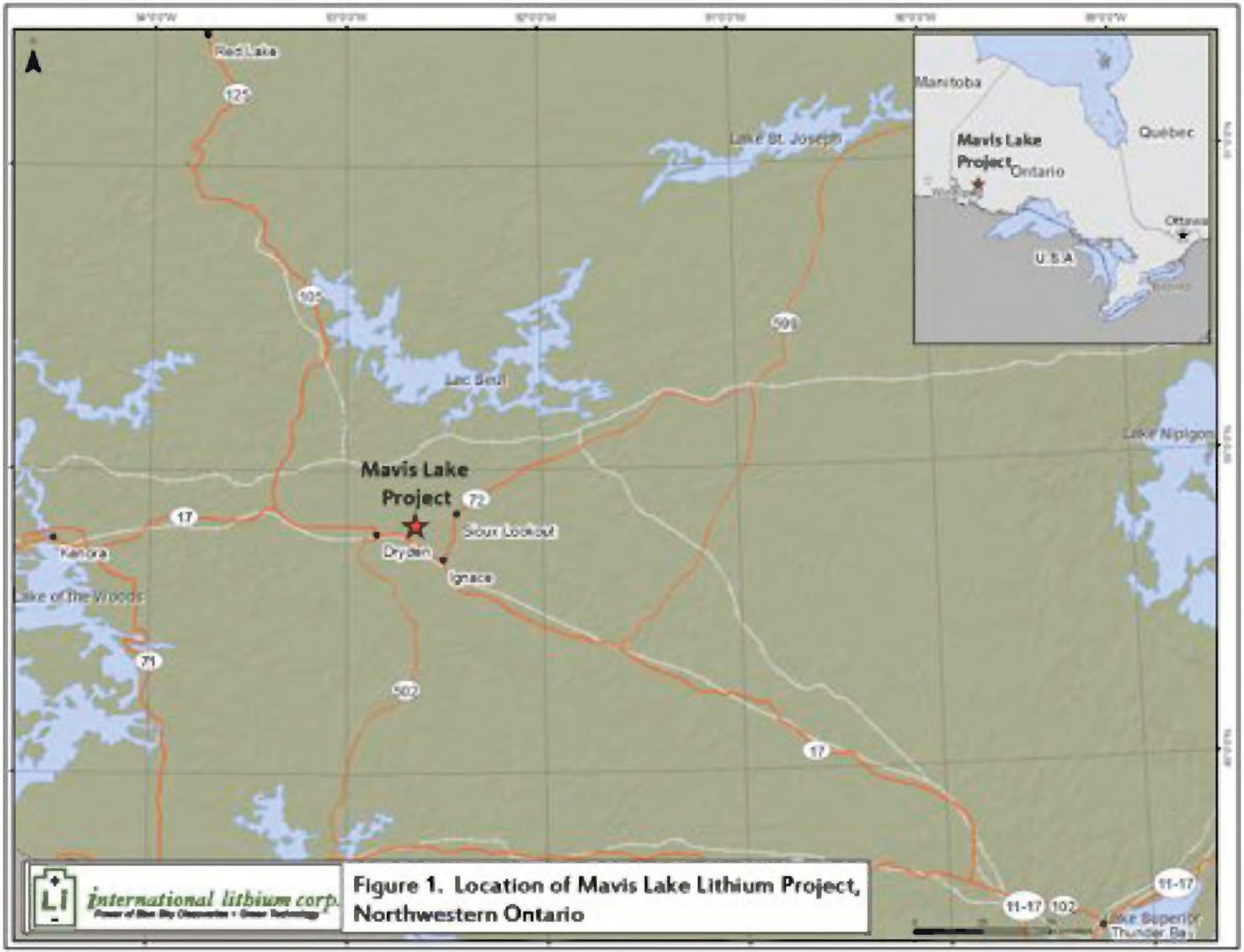

Figure 1. Location of Mavis Lake Lithium Project, Northwestern Ontario

There are no known environmental liabilities associated with the property. For the proposed exploration program consisting of line-cutting and geophysics no permits are required. Permits are required if, during the course of exploration, waterways are affected.

Pertinent claim information is shown on Figure 2 and also given in Table 4 below.

Table 4 Mavis Lake Property Claim Information

Claim Number	No. of 16 ha Units in a Claim	*Area (ha)*	*Township*	*Map Sheet*	Effective Date	Anniversary Date	Assessment Required ($)
4208712	*12*	*192*	*Brownridge*	52F/15E	2009-04-09	2011-04-09	4800
4208713	*4*	*64*	*Brownridge*	52F/15E	2009-04-09	2011-04-09	1600
4208714	*16*	*256*	*Brownridge*	52F/15E	2009-04-09	2011-04-09	6400
4251131	*8*	*128*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	3200
4251132	*12*	*192*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	4800
4251133	*12*	*192*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	4800
4251134	*16*	*256*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	6400
4251135	*10*	*160*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	4000
4251136	*16*	*256*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	6400
4251137	*16*	*256*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	6400
4251138	*12*	*192*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	4800
4251139	*14*	*224*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	5600
4251140	*12*	*192*	*Brownridge*	52F/15E	2009-09-08	2011-09-08	4800
TOTAL	***160***	***2,544***					***64000***

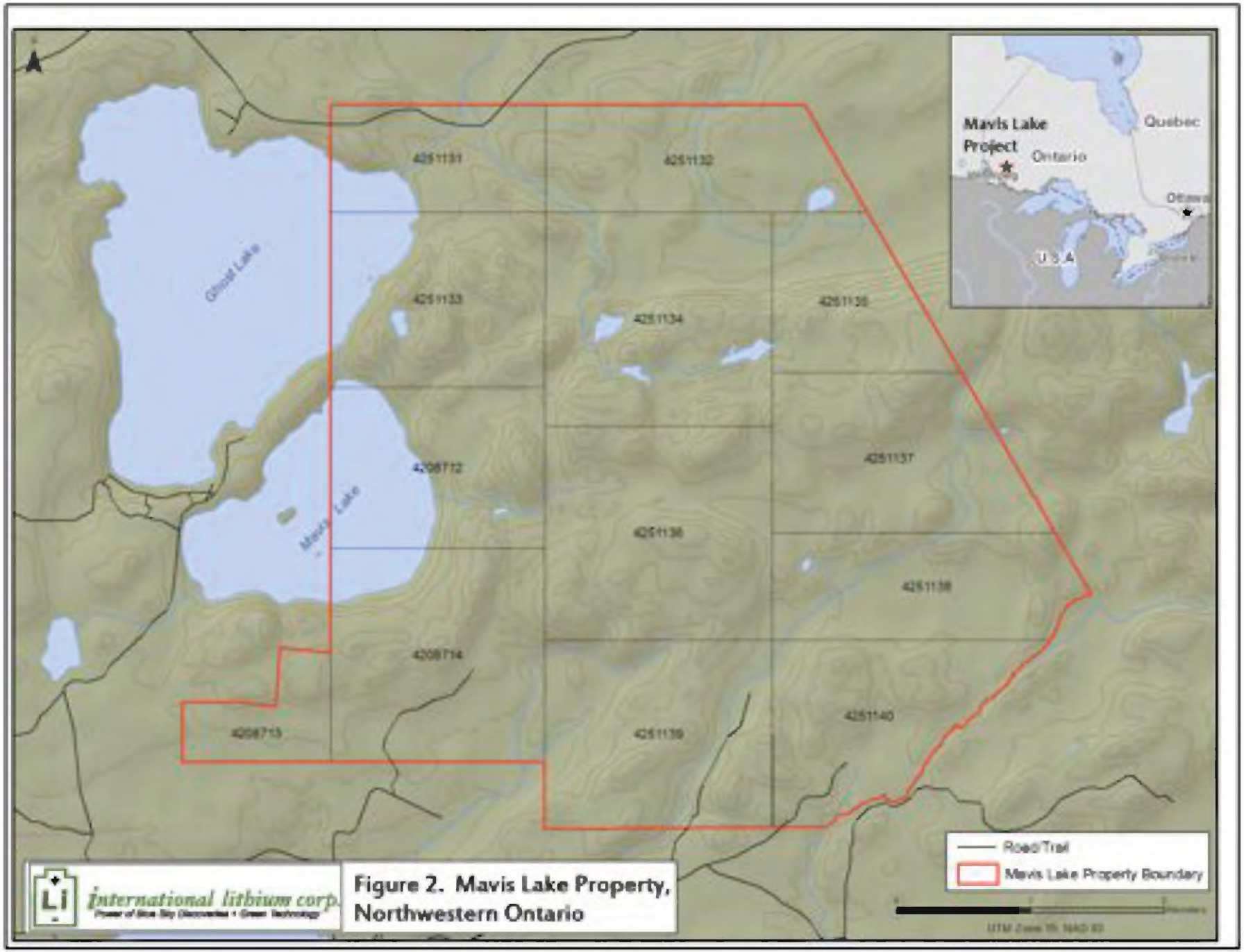

Figure 2. Mavis Lake Property, Northwestern Ontario

4.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography

4.1 Access and Infrastructure

The Mavis Lake property has excellent road accessibility. It is approximately 19 km northeast by road from the city of Dryden and can be reached from the city by driving east on Trans-Canada Highway 17 for approximately 8 km to its junction with the Thunder Lake. On Thunder Lake Road travel is roughly 3 km to the intersection of Thunder Lake Road and Ghost Lake South Road. From this point, driving north on the Ghost Lake South Road for about 1 km and thence turn east along the Mine Road, a major gravel road, for approximately 4 km brings one to an intersection of a subsidiary gravel road heading north to the eastern claims of the property.

A general labour force and many goods and modern services are readily available in Dryden, which is the second largest city of 8,195 inhabitants (2006 Census) in the Kenora District of Northwestern Ontario and is located on Wabigoon Lake. Skilled labour, mining and specialized exploration services and equipments are available from larger cities such as Thunder Bay and Winnipeg (Manitoba), which are located respectively 356 km east and 350 km west of Dryden. Dryden has an airport with connecting flights to many major Canadian cities, including Thunder Bay and Winnipeg, which can also serve as points to many international flights.

Hydroelectric power is available only few kilometers southwest of the property, from a line, which also supplies power to the city of Dryden. Railway links to the eastern and western Canada and also south to the USA are readily available from Dryden.

4.2 Climate

The property lies near the northern boundary of the Lake of the Woods eco-region of the Southern Boreal Shield. The region is classified as having a sub-humid mid-boreal eco-climate (*cf.* Anthony 2004). Dryden and adjacent region is known to have temperatures ranging from a low of –27 deg. Celsius in the winter to high of +26 deg. Celsius in the summer. The climate is considered to be temperate. Annual rainfall is 0.6 to 0.8 metres and annual snowfall ranges between 1.3 to 2.3 metres.

4.3 Topography and Physiography

The topography varies from generally flat to slightly undulating south of the property, corresponding to a transition from a glaciolacustrine sand plain to a boulder till. The northern parts are relatively rugged with prominent hills, ravines and cliffs. Elevations range from around 400 metres along the shores of the lakes to about 460 metres on ridge crests located in the central part of the property.

The northern and west-central parts of the property have been recently logged leaving sparsely spaced trees and scattered underbrush. On the other parts of the property characteristic vegetation includes a succession from trembling aspen, paper birch, white and black spruce, and balsam fir. Cooler and wetter areas support black spruce and tamarack growth.

Characteristic wildlife includes moose, black bear, wolf, lynx, snowshoe hare and woodchuck. Bird species include ruffed grouse, woodpecker, bald eagle, herring gull and waterfowl. Forestry, recreation and hunting are the major land uses in this region.

5.0 History

The Wabigoon region, which includes the Property, was mapped in 1940s by Ontario Department of Mines (Moorhouse 1941, Satterly 1943). Later semi-detailed bedrock mapping was conducted by the government of Ontario in 1970s and 1980s (Breaks 1980, Breaks et al. 1976, 1978 and Breaks and Kuehner 1984) and more recently for the government by Beakhouse (2001, 2002). Breaks et al. (2003) also conducted more focused studies of the rare metal potential of the region. The Ontario Geological Survey has flown airborne magnetic and electromagnetic surveys both in the Dryden and Stormy Lake areas (Ontario Geological Survey 1997, 2001). The Dryden Lake area survey included the Property.

The Mavis Lake area, including the current Property, saw three main periods of mineral exploration:

1. **1955 to 1964:** in 1950s lithium was the main target while tungsten and tantalum dominated in 1960s.

2. **Late 1960s to late 1980s:** tungsten and tantalum were the focus of exploration.

3. **Early 2000 to present:** the focus of exploration has been quite diversified, ranging from volcanogenic massive sulphide (VMS)

copper-zinc-silver to shear-hosted lode-gold deposits, and currently exploration efforts once again focused on pegmatite-hosted rare metals.

In 1956, **Lun-Echo Gold Mines Ltd.** drilled the area immediately south of Mavis Lake. From August to September, ten NQ holes were drilled, totaling 873.32 ft (266.19 metres), 18 samples were assayed for Cu (0.09-1.31%), Ni (0.07-0.48%), Au (nil) and Ag (nil to trace). Pegmatite dikes were intercepted in the 8 of 10 holes drilled at this time but no assays for rare metal mineralization were reported (Table 5).

Table 5 Lun-Echo Drill Holes - Pegmatite Intercepts

Hole No.	Depth of Hole (feet)	From-To (feet)	Pegmatite interception
Hole N1	62.1'	0'-8.2'	Pegmatite, Tourmaline, slight lithium reaction with flame but no spodumene.
Hole N2	57.7'	39.7'-57.7'	Pegmatite, Tourmaline, slight lithium reaction with flame but no spodumene.
Hole N3	68.6'	30.5' - 32.6'; 40.6'-68.6'	Pegmatite.
Hole N3-A	103.0'	36.8'-46.3 '; 50.9'-51.2'	Pegmatite, Quartz, Pink Feldspar, Tourmaline; Pegmatite.
Hole N4	93.5'	27.7'-28.4'; 31.6'-31.8'; 52.6-53.0'; 57.3'-57.6'; 63.8'-69.2'	Pegmatite
Hole N5	71.6'	N/A	Not pegmatite interception.
Hole N6	96.21'	30.4'-36.7'; 80.0'-83.0'	Pegmatite, Pink Feldspar, Tourmaline; Pegmatite.
Hole N7	92.31'	24.4'-26.3'; 31.4'-41.6; 43.4'-43.8'	Pegmatite, Tourmaline; Pegmatite; Pegmatite, scattered sulphides, schist and breccia.
Hole N8	86.31'	N/A	Not pegmatite interception.
Hole N9	70.0'	69.0'-70.0	Pegmatite

After encountering the pegmatite interceptions in the previous drilling program, Lun-Echo Gold Mines Ltd. carried out trenching and another 40-hole diamond drilling program, totaling 1968 meters, for potential lithium mineralization on the property. The drilling program defined lithium mineralization over a strike length of 670 meters with lithia (Li_2O) percentage from as low as 0.37% to a high of 2.76% (Table 6). This drilling program was conducted west of current Property on the adjacent Fairservice claims.

Table 6 Significant Li_2O Intersections in Lun-Echo Drilling

Hole	From: (m)	To: (m)	True Width (m)	Li_2O (Wt%)
B-11	2.74	8.08	4.88	1.46
E-11A	1.22	7.77	6.40	1.08
B-5	0.49	3.90	2.99	2.76
E-4	0.61	7.62	7.01	1.50
B-3	0.09	4.57	3.05	1.27
B-2	1.52	4.36	2.83	1.00
E-2	9.14	12.44	3.05	1.49
B-6	0.40	4.57	4.18	1.17
E-21	13.56	20.03	6.46	1.22
E-21	27.92	35.36	7.44	1.13
B-1A	57.45	60.50	2.74	1.37
E-20	20.24	29.29	9.05	1.52
E-18	4.27	8.38	4.11	1.17
E-16	0.00	5.85	5.85	1.51

In the same year 1956, **Milestone Mines Ltd.** completed a trenching work and very limited diamond drilling on some pegmatites immediately east and southeast of Mavis Lake on the current Mavis property (Vanstone 1983).

In 1978, **R.J. Fairservice** staked the property and subsequently optioned to **Selco Mining Corporation Limited ("Selco")**. Between 1979 and 1981, Selco carried out geological mapping, lithogeochemical surveys and diamond drilling over the area that extended from west, south and southeast of the Mavis Lake. During June 1979-September 1980, Selco drilled eight holes, totaling 1153 feet or 351.4 metres. This drilling delineated **South** and **Main** pegmatite zones (Figure 3). Pryslak (1980) described the results of 4 out of 8 holes as following:

South Zone: this pegmatite zone was intercepted by drill holes M-1 and M-2. The pegmatite intersected in each case was less than 10 feet thick and consisted essentially of wall-zone and mixed intermediate zone material. Minor aplitic material was encountered but this would appear to be of primary origin rather than a late replacement zone.

Main Zone: this pegmatite zone was intersected by drill holes M-3 and M-4. The pegmatites consisted of a wall zone and intermediate spodumene–bearing core zones. A total of 14 core samples were assayed for tantalum, niobium and lithium oxides (Ta_2O_5, Nb_2O_5 and Li_2O, respectively) at Swastika Laboratories Limited (Ontario) in November 1979 and the results are presented in the Table 7 below.

Table 7 Selco's Drill Core Sample Results from Holes M-1 to M-4

Hole No.	Sample No.	Ta_2O_5 (Wt%)	Nb_2O_5 (Wt%)	Li_2O (Wt%)
M-1	584	0.01	0.01	0.73
M-1	585	0.01	0.01	0.35
M-2	586	Trace	0.01	0.43
M-2	587	Trace	0.01	0.08
M-2	588	0.01	0.01	0.09
M-3	589	Trace	0.01	0.78
M-3	590	Trace	0.01	1.46
M-3	591	0.01	0.01	2.33
M-3	592	0.01	0.02	1.32
M-3	593	0.01	0.02	1.45
M-3	594	Trace	0.01	0.84
M-3	595	Trace	0.01	2.09
M-4	596	Trace	0.01	1.62
M-4	597	Trace	0.01	1.15

In the early 1980, Selco carried out a reconnaissance lithogeochemical survey. A total of 313 bedrock samples were collected and analyzed for lithium content. Samples returned results from a low of 7 ppm Li to a high of 4095 ppm lithium (Li). The survey was controlled by chaining along claim lines and by running intermediate lines by compass and chain. The Mavis Lake geochemical survey has shown good correlation between lithium halos with the known albite-spodumene pegmatite zone (Figure 3).

In 1982, **Tantalum Mining Corporation of Canada Limited ("Tanco")** optioned the Fairservice Property. In June 1982, a program of line cutting and geophysical survey was completed on a portion of the property. It was concluded that the Mavis Lake area is characterized by a higher (>1000 gammas) but irregular magnetic response over the mafic metavolcanic rocks. The sediments have a low, flat magnetic response, but this could be partially due to the masking effects of the overburden. It was thought that the contrasts in magnetic signatures could be used as an aid to identifying favorable zones for pegmatites since the rare metal pegmatites have an affinity for mafic metavolcanics in the Mavis Lake area (Vanstone, 1982).

In June 1982, **Tanco** also completed a detailed lithium litho-geochemical survey over a portion of the Property. The purpose of the litho-geochemical survey was to locate, by means of a systematic sampling of the bedrock, blind tantalum-bearing pegmatites. Samples were collected at 25 meters intervals along chained lines 50 metres apart. A total of 737

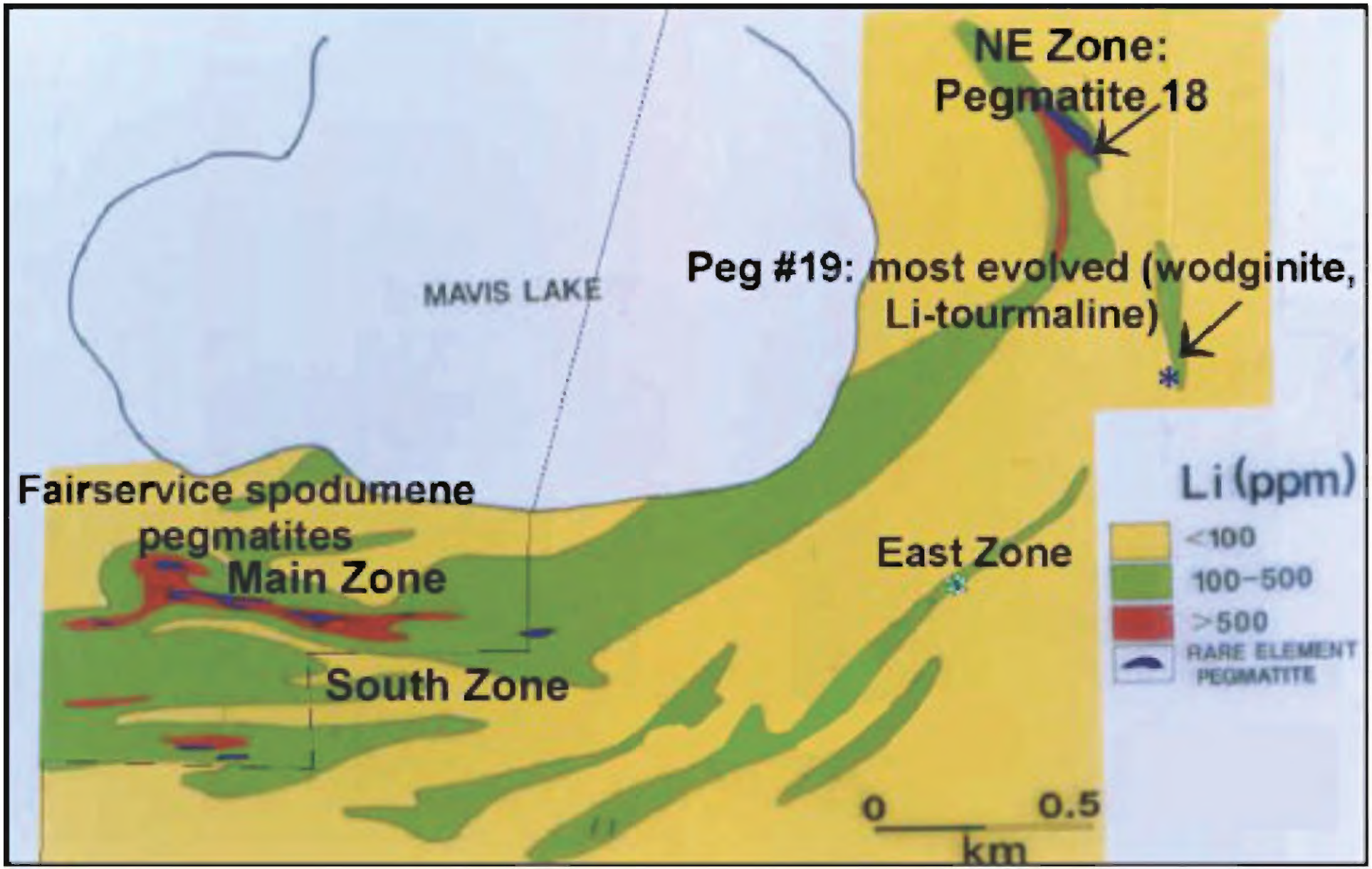

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Figure 3. Historical lithium lithogeochemical anomalies in mafic metavolcanic host rocks, Mavis Lake area.

Modified from: Prystak 1982.

samples over approximately 37.2 line kilometers were collected. At each sample location roughly 0.5 kg of fresh sample was taken. Grid coordinates identified the samples with the rock type recorded and samples analyzed for ppm Lithia (Li_2O). The Li_2O values for the survey ranged from less than detection limit to a high of 8000 ppm with mean value being 203 ppm.

Two anomalous zones were defined by Tanco's lithium litho-geochemical survey: the **North or Northeast** and **East** zones (Figure 3). The North Zone is a very intense zone with values in excess of 1000 ppm Li_2O. The zone is characterized by broad, extensive anomalies, but also contains a number of small, tight isolated anomalies. The zone is generally confined to the more magnetically responsive mafic metavolcanics. The **East Zone** consists of small, generally elongated, and relatively tight anomalies. Such anomaly configurations are indicative of near vertical pegmatites. The eastern part of the anomalous zone tends to be broader reflecting the change to more shallow dipping pegmatites. The **East Zone** geochemical pattern is not as strong as the North Zone, with values rarely exceeding 1000 ppm Li_2O (Vanstone 1983).

Tanco conducted no follow up exploration program after completing the litho-geochemical survey and all claims were returned to R.J. Fairservice in the same year.

During the late summer in 2002, **Emerald Field Resources** optioned the property from R.F. Fairservice for its rare metal (Ta, Cs and Be), VMS-type base metal (copper-zinc) and Hemlo-style gold mineralization potential. In 2003, Emerald Field Resources carried out prospecting, trenching, geological mapping programs and a 4-hole diamond drill program (Mowat, 2003).

In the summer of 2003, **True North Gems Inc.** undertook development work on a previously known emerald occurrence (Brand et al. 2009) on its optioned Taylor beryl pegmatite located on strike to the now lapsed property holdings of Emerald Field Resources.

Houston Lake Mining in 2004 carried out exploration for rare metals on the Brady property (Anthony 2004), situated immediately west of the Mavis Lake and Fairservice properties and which contains the various showings on the former Sanmine property.

6.0 Geological Setting

6.1 Regional Geology

In the regional context, the Property lies within Sioux Lookout Domain (SLD) in the western Wabigoon Subprovince (WS) (Figures 4 and 5). The SLD is sandwiched between the granitoid-dominated Winnipeg River Subprovince (WRS) to the north and the greenstone-granite rich WS to the south. The eastern half of the WS shares border with the metasedimentary-dominated English River Subprovince (ERS) to the north and in the south by the metasedimentary Quetico Subprovince (QS). The WS is approximately 900 km long, 150 km wide granite-greenstone terrain and comprises metavolcanic and subordinate metasedimentary rocks, ranging in age from 3.0 Ga to 2.71 Ga, and intruded by a suite of 3.0 to 2.69 Ga granitoid batholiths, gabbroic sills and stocks.

The SLD is interpreted to have developed within a collisional tectonic setting during the Kenoran orogeny (Breaks 1989, Beakhouse 1989, 1991). Features of the SLD include:

- inverted stratigraphy and out-of-sequence thrust stacking of metavolcanic and clastic metasedimentary rocks (2733±1 Ma to 2706±2 Ma),
- Abukuma-type metamorphism,
- areas of higher-grade, migmatized clastic metasedimentary rocks adjacent to the western contact of the 2685 Ma Ghost Lake batholith (GLB), the main source for the 2665 Ma rare metal granitic pegmatites in the Dryden area,
- occurrences of peraluminous granite and pegmatitic granite plutons over 150 km strike length, and,
- widespread occurrences of rare metals (Li, Rb, Cs, Be, Nb, Ta and Ga) plus other lithophile elements such as Mo, W, Sn, U, Th etc contrasting with the adjacent WRS and WS.

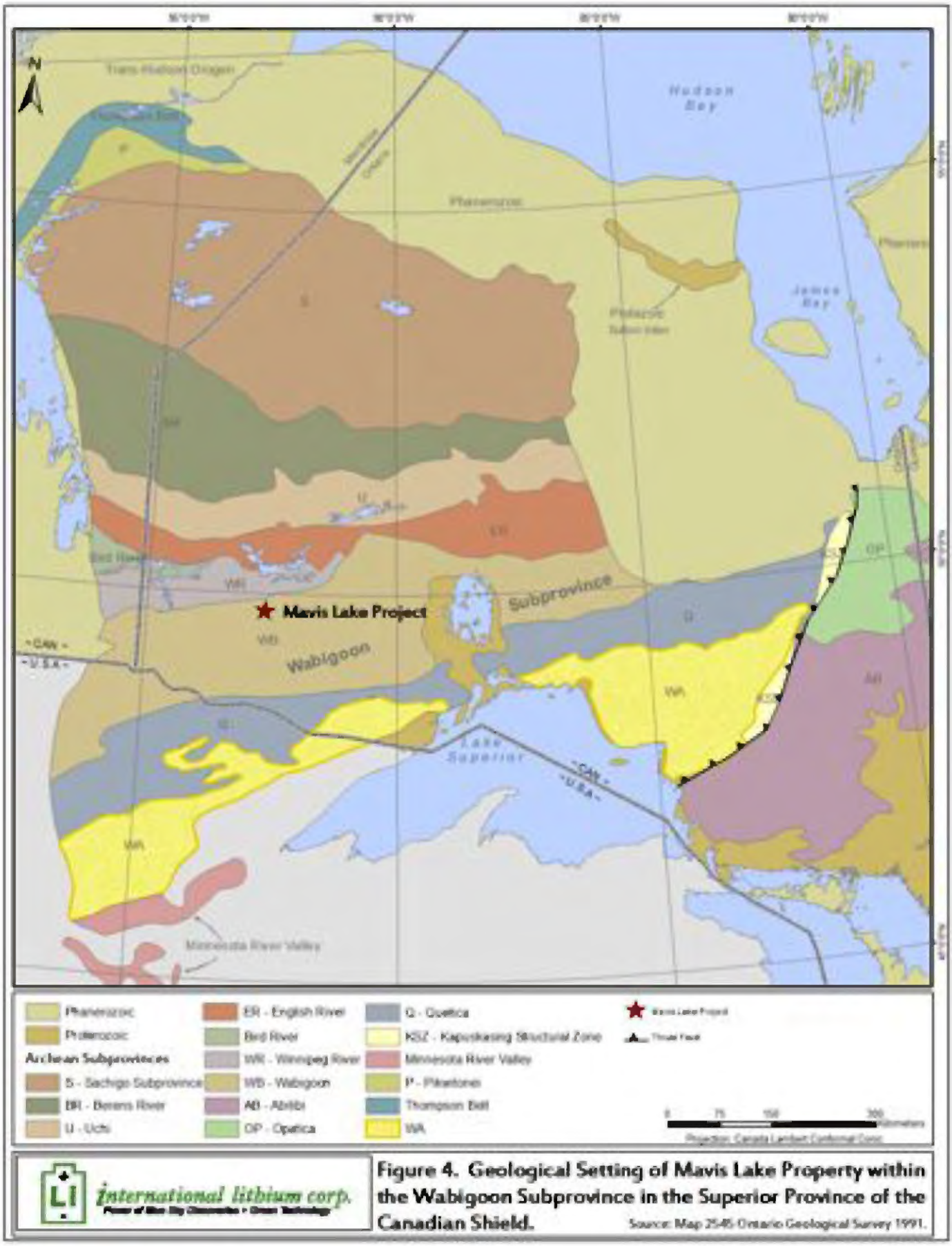

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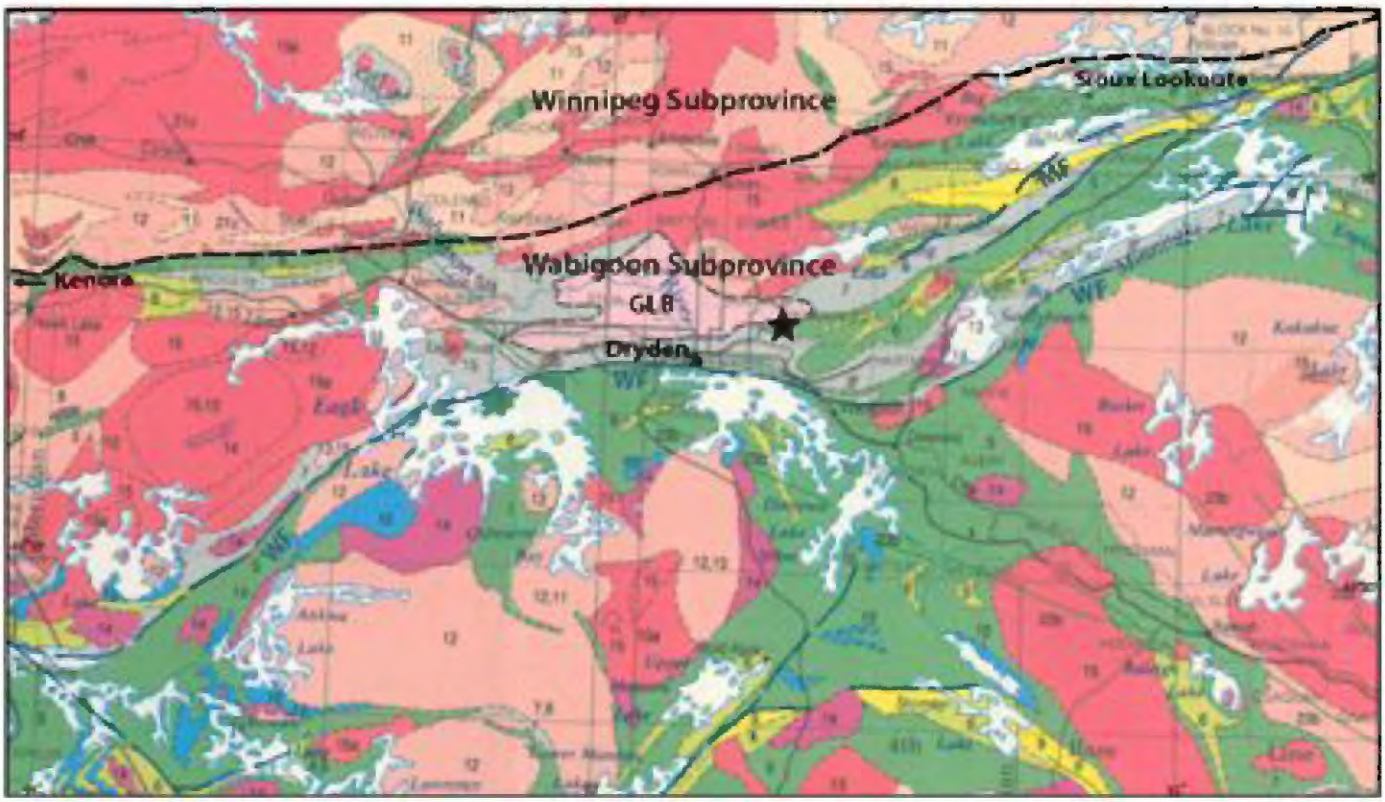
Figure 4. Geological Setting of Mavis Lake Property within the Wabigoon Subprovince in the Superior Province of the Canadian Shield.

Source: Map 2548 Ontario Geological Survey 1991.



Paleoproterozoic (1.6-2.5Ga)

- 23b - Wabigoon Dike Swarm
- 21c - Kenora-Fort Frances Dike Swarm

Neo-to mesoarchean (2.5-3.4Ga)

- 15 - Granodiorite to Granite (Massive)
- 14 - Diorite-monzonite-granodiorite Suite
- 13 - Peraluminous Granitic Rocks
- 12 - Tonalite-granodiorite (Foliated to Massive)
- 11 - Tonalite-granodiorite (Gneissic to Foliated)
- 10 - Mafic-ultramafic Intrusive Rocks
- 9 - Coarse Clastic +/- Alkalic Metavolcanic Rocks
- 8 - Migmatized Supracrustal Rocks
- 7 - Metasedimentary Rocks
- 6 - Felsic-intermediate Metavolcanic Rocks
- 5 - Mafic-intermediate Metavolcanic Rocks

- Iron Formation (IF)
- Fault - (WF - Wabigoon Fault, MF - Minnis Fault)
- Subprovince Boundary
- Trans-Canada Highway
- ★ Mavis Lake Project
- GLB Ghost Lake Batholith

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Figure 5. Regional Geology - Dryden Area, Northwestern Ontario

Source: Map 2542, Ontario Geological Survey, 1991b.

The 10 by 30 km area within the eastern SLD which is host to numerous rare metal pegmatites in the Dryden area, is known as the "Dryden Pegmatite Field" (DPF) of Mulligan (1965) (Figure 6). The DPF is populated by two distinct pegmatite clusters (Breaks and Janes 1991) occur roughly 10 km apart:

1. Mavis Lake Pegmatite group (MPG) in the Mavis Lake area, with a 2665±10 Ma age (Smith 2001), and,

2. Gullwing-Tot Pegmatite group (GPG) in the Gullwing and Tot Lakes areas of unknown mineralization age.

The Wabigoon Fault represents a major curvilinear, southwest- to east-northeast trending regional structure, located along the southern contact of the SLD, and lies about 4.5 to 5 km south of the Mavis Lake lithium property. Beakhouse (2001) has subdivided the supracrustal units of the SLD, from north to south, into an alternating series of southward facing metavolcanics and metasedimentary rocks. These supracrustal rocks in the Mavis Lake area comprised the following sequences:

1. Brownridge sediments and volcanics in the north,

2. Thunder Lake sediments and volcanics in the middle and,

3. Highly strained Zealand sediments adjacent to the Wabigoon Fault (WF) defining the southern most portion of the SLD.

The Minnitaki and Abram Lake greenstone belts (2745±1 to 2711 Ma) characterize the eastern SLD. Supracrustal rock sequences within this part of the domain comprise ultramafic (komatiitic) through mafic (tholeiitic, calc-alkaline, alkalic and komatiitic) and to calc-alkalic felsic volcanic rocks. Overlying metasediments are mostly clastic rocks of alluvial fan-fluvial, turbidite and platformal facies. Minor chemical sedimentary rocks are predominantly oxide-facies iron formation. All these rocks units are surrounded by external granitoid batholiths, and internally intruded by numerous variably sized sills, stocks and plutons of gabbroic and granitic compositions. Deformation and syntectonic to post-tectonic granitic plutonism occurred in the interval 2711 to 2685 Ma.

The underlying Brownridge metasediments within the Mavis Lake area are dominated by wacke with subordinate siltstone strata and have well-preserved primary structures. Structurally overlying metavolcanic rocks (Brownridge volcanics) consist of fine-grained pillowed, massive mafic lavas and medium- to coarse-grained flows and/or gabbroic sills. The upper portion of the metavolcanics tends to be variolitic, massive and pillowed mafic flows (Beakhouse, 2001).

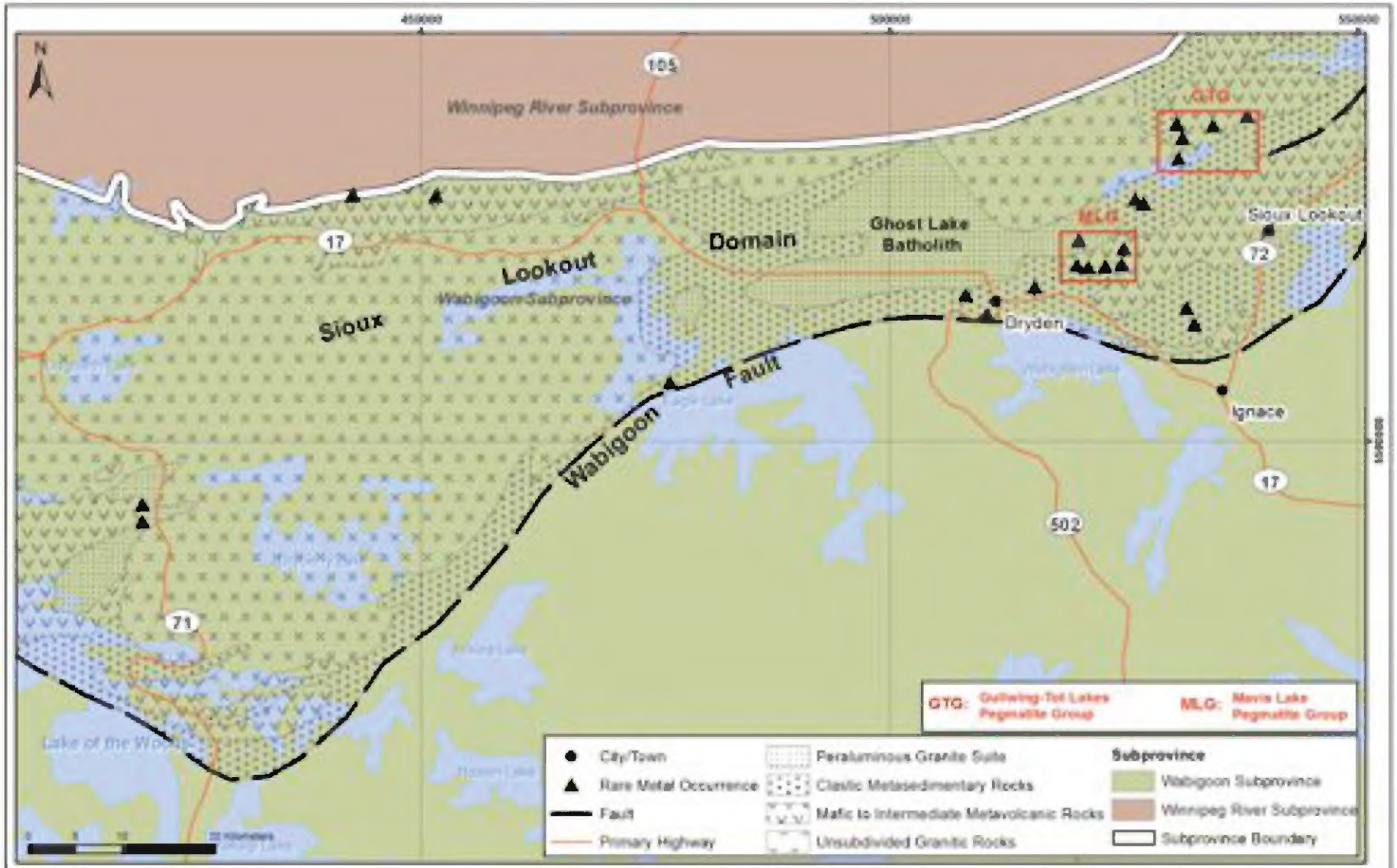

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Figure 6. Rare Metal Mineralization within Peraluminous Granites and Supracaustal Sequences of the Sioux Lookout Domain, Wabigoon Subprovince

The Thunder Lake sediments underlie the southeastern-most part of the property boundary and are similar in character to the Brownridge sediments. Quartz+/-plagioclase porphyritic felsic metavolcanic rocks (crystal tuffs?) are interlayered within sediments. The Thunder Lake metavolcanics consist of massive to pillowed mafic flows with minor mafic to ultramafic rocks of undetermined age.

Five plutonic rock suites occur in the region (Breaks and Janes 1991): a tonalitic gneiss suite (circa 3170 million-year old); tonalite-trondhjemite-granodiorite suite (2665+/- 20 million-year old); two mica, peraluminous granite –granodiorite suite (2681+/- 20 million-year old); biotite granite-granodiorite suite (2560+/- 40 million-year old); and a mafic-ultramafic plutonic suite.

The two-mica granites are the source for rare metal pegmatites in the region, for example, the 2685 Ma Ghost Lake batholith (GLB) in the Mavis Lake area (Figure 6). The GLB is the largest (80 square km) and most fractionated of any peraluminous granite in the SLD with eight internal, subsolvus granitic and pegmatitic granite units as shown in Figure 7 (Breaks and Janes 1991, Breaks et al. 2005).

Structural data between Dryden and Sioux Lookout indicates four stages of deformation. Berger (1990) and Chorlton (1991) identified flat-lying folds (D_1) within iron formation units and associated pre-metamorphic axial planar schistosity. A second stage deformation (D_2) associated with plutonic activity, produced contact strain and thermal aureoles adjacent to plutons and subsequently developed steeply dipping foliation and aureoles with amphibolite-facies metamorphic grade. The third (D_3) stage of regional deformation interfered with D1 folds to produce complex outcrop patterns of domes and basins. The resulting northeast striking shear zones are characterized by steep dips with a southwest plunging mineral lineation. The final stage (D_4) of deformation produced continued convergence and subsequently formed the Wabigoon shear zone and its associated splays. The resultant structural complexities within the Abram and Minnitaki Lake belts, along with strong evidence of layer-parallel shearing, suggests the belts have been tectonically stacked and subsequently form repetitive volcanic and sedimentary sequences (Drost and Hunt 1997).

Mineral deposits and prospects of the Wabigoon Subprovince include volcanogenic copper-gold and zinc-copper-silver deposits within volcanic units and iron formations (Blackburn et al. 1991). Mafic and ultramafic rocks contain mineralization associated with granitic pegmatite-related rare metals, uranium and platinum group elements deposits and prospects. Gold deposits are known to be associated with

shear zones, quartz-carbonate veins, and within contact strain aureoles developed around large plutons.

6.2 Property Geology

The Property is located on the north limb of a westerly plunging syncline that lies adjacent to the Thunder Lake anticline (Figures 8 and 8a - Beakhouse and Pidgeon 2003). Mafic metavolcanic and clastic metasedimentary rocks predominantly underlie the property. Intermediate to felsic volcanics occur as minor intercalations within the volcanic sequences. Intruded into these units are ultramafic dikes, small alkalic stocks and numerous granite pegmatite dikes.

6.2.1 Mafic Metavolcanic Rocks

Mafic metavolcanics are the dominant rock type on the property and stratigraphically correspond to the Brownridge volcanics. The subunits include massive, pillowed, variolitic, plagioclase porphyritic and spherulitic flows, and volcanic conglomerates, tuffs and interflow sediments.

6.2.2 Intermediate to Felsic Metavolcanic Rocks

These rocks occur as narrow, tuffaceous interbeds of dacitic chemical composition within the mafic metavolcanic rocks.

6.2.3 Clastic Metasedimentary Rocks

A thick boulder till and proglacial sand cover generally masks clastic metasedimentary rocks underlying the extreme northern and southern portions of the property. The clastic metasediments are composed of mainly wacke with minor siltstone interbeds.

6.2.4 Ultramafic to Mafic Intrusive Rocks

Two small bodies of medium to coarse-grained gabbro are located on the south-central part of the property. These rocks are likely interfingered as shallow sills with mafic volcanics though contact relationships are unclear.

6.2.5 Granitoid Stocks

Two small, moderately to weakly peraluminous granodiorite stocks have intruded the supracrustal rocks on property. The larger of the two stocks is 3.0 km long by 1.1 km wide, oblong in shape and occurs in the extreme southeast corner of the property. The second and smaller Mavis Lake

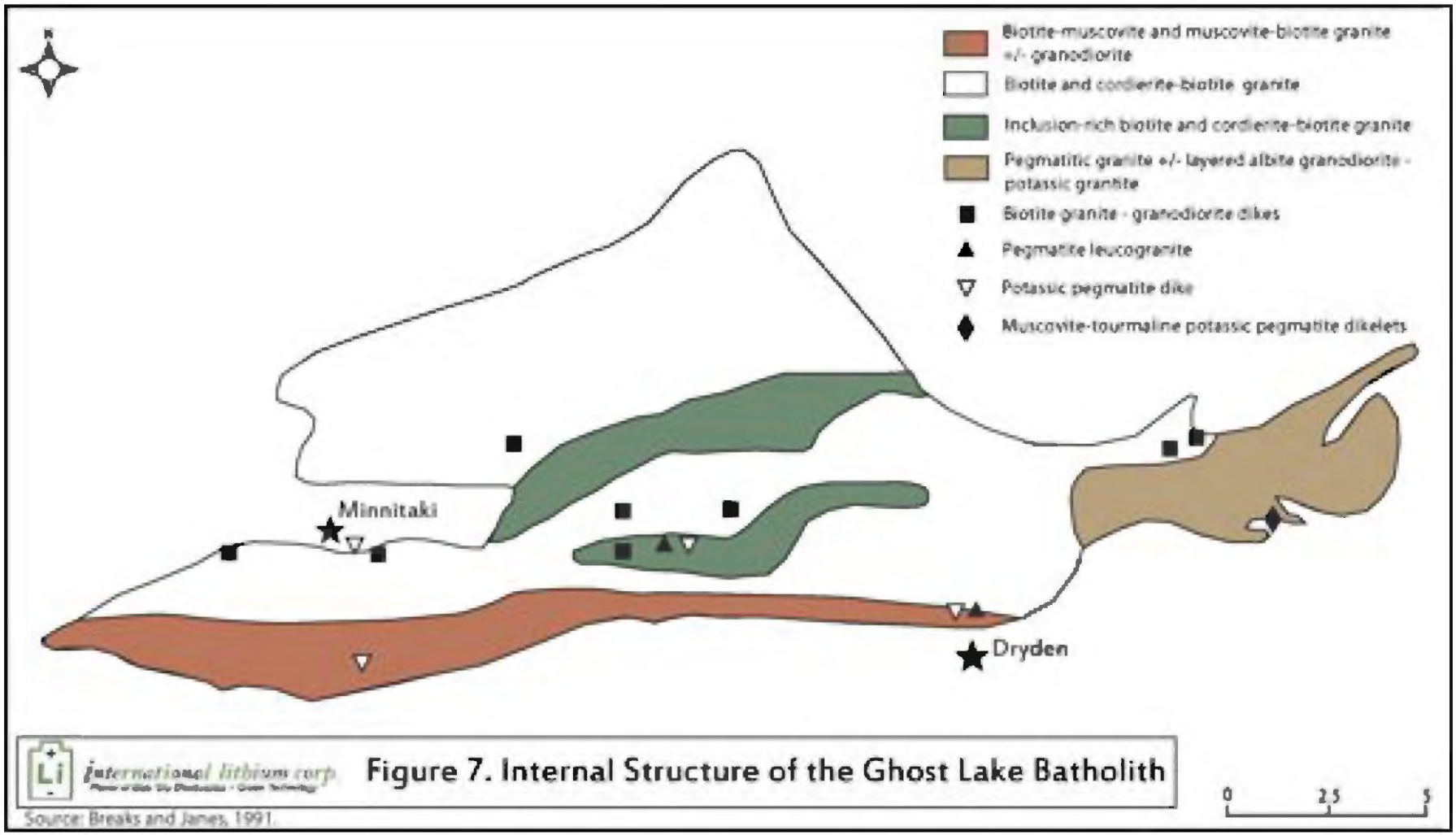

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Figure 7. Internal Structure of the Ghost Lake Batholith

Source: Breaks and Janes, 1991.

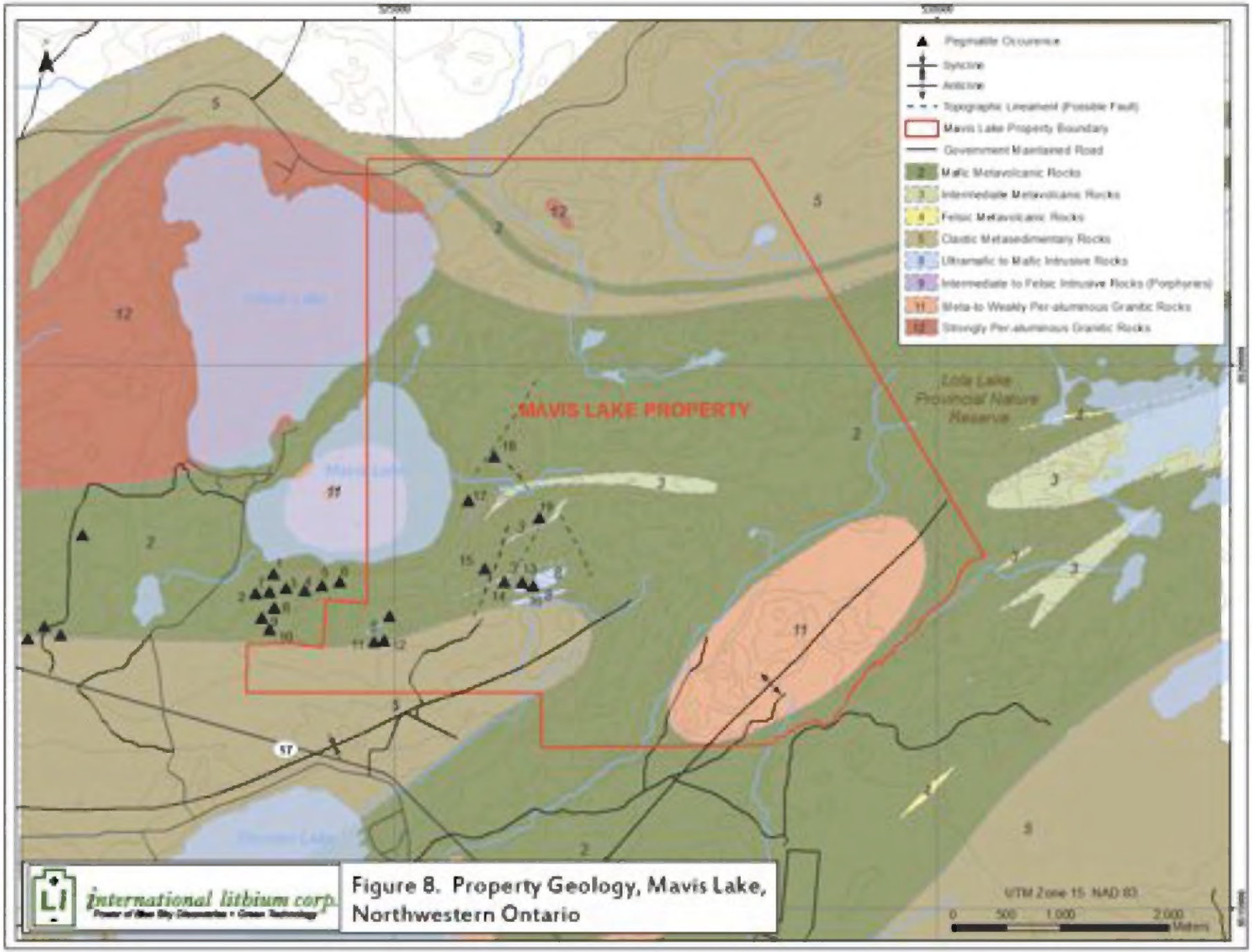

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Figure 8. Property Geology, Mavis Lake, Northwestern Ontario

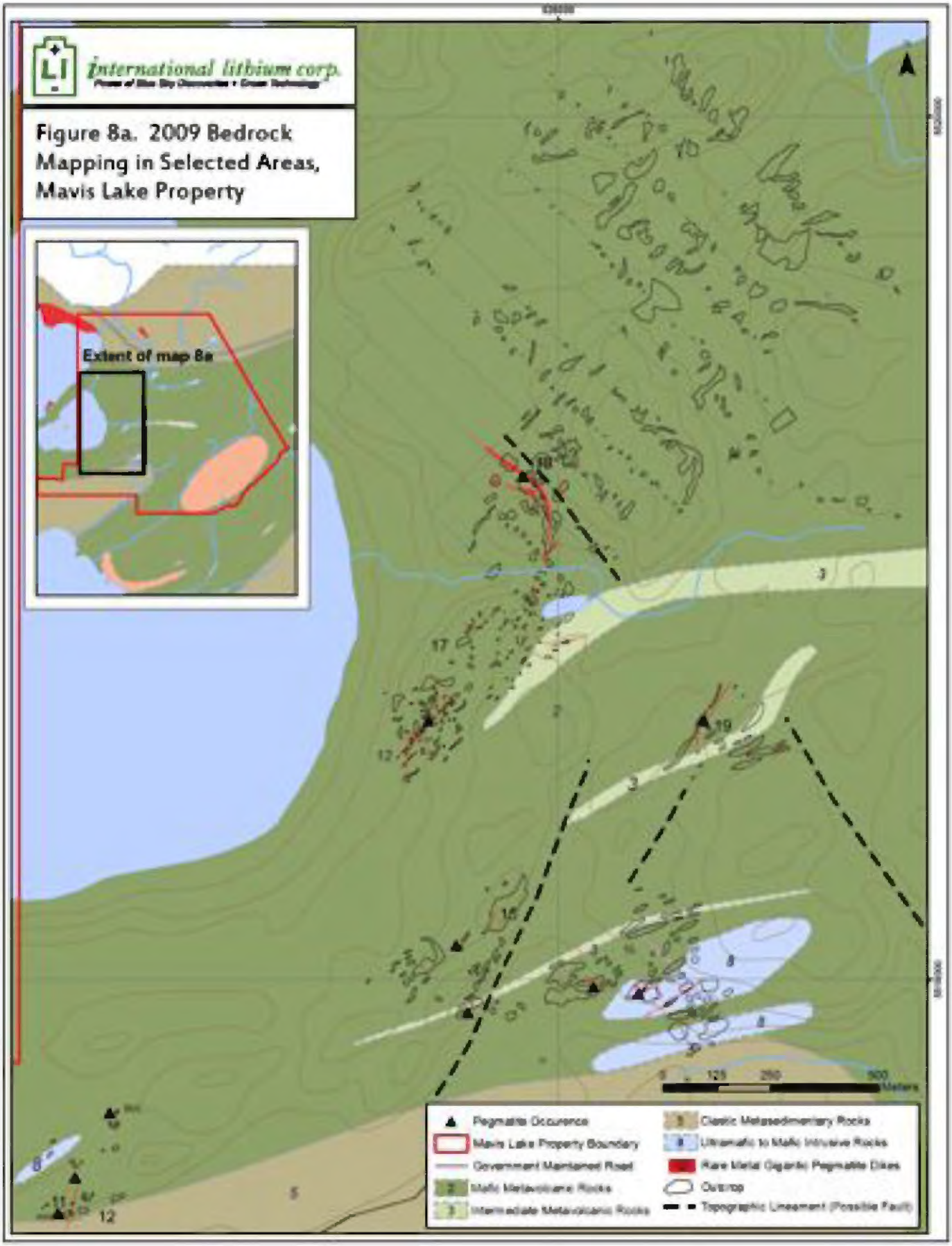
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Figure 8a. 2009 Bedrock Mapping in Selected Areas, Mavis Lake Property
Extent of map 8a
Pegmatite Occurence
Mavis Lake Property Boundary
Government Maintained Road
Mafic Metavolcanic Rocks
Intermediate Metavolcanic Rocks
Clastic Metasedimentary Rocks
Ultramafic to Mafic Intrusive Rocks
Rare Metal Oganic Pegmatite Dikes
Outcrop
Topographic Lineament (Possible Fault)
Meters

stock is a round body approximately 1.0 km in diameter and largely covered by Mavis Lake. A much smaller, 100 by 300 m, strongly peraluminous intrusion, possibly associated with a beryl pegmatite (Beakhouse 2001), is located at the north-central end of the property and comprises granite to granodiorite with minor pegmatite and aplite.

6.2.6 Granitic Pegmatite Dikes

Numerous granitic pegmatite dikes, ranging from the primary spodumene-bearing to albite-rich, tantalum-enriched varieties occur on the property. The dikes are generally found within the mafic metavolcanic sequences. These pegmatites are linked to Ghost Lake batholith (GLB), and a part of the Mavis Lake Pegmatite Group (MPG) of Breaks and Janes (1991). The MPG is characterized by east-trending concentration of rare elements-bearing pegmatites and related metasomatic zones.

Eleven rare metal pegmatites of this group occur on the Mavis-property, denoted as Pegmatites 11 through 19, includes a new pegmatite, named RVL that was discovered by TNR during the fall 2009 exploration program (Figures 8 and 8a). These pegmatites fall into two zones according to the initial classification of Breaks (1989), based upon systematic variation in rare-element mineralogy and petrochemistry:

- Spodumene-beryl-tantalite zone (Li-Rb-Be-Ta>Nb-B)
- Albite-type pegmatite zone (Li>Rb-Be-Ta>Nb and Rb>Li-Be-Ta>Nb).

In the classification of Černý (1991) and recent revision (Černý and Ercit 2005), these pegmatites represent a mix of albite-spodumene-type, albite-type and complex-type pegmatite dikes. Pegmatites 11, 12, 17 and 18 have been classified as albite-spodumene-type (spodumene-beryl-tantalite zone) and Pegmatites 13, 14, 15, 16 and 19 as albite-type. Geochemically, all these types also belong to the LCT (Li-Cs-Ta)-geochemical-family of pegmatites (Černý 1991).

The granitic pegmatite bodies exhibit an arcuate east to northeast strike pattern around the southeast corner of Mavis Lake. Dips are generally steep to the north. Tops, determined from pillowed flows, are to the south, indicating that the north limb of the syncline has been overturned. Sets of both steep and shallow dipping joints occur throughout the property. In the western portion of the property the pegmatites appear to have an affinity for the steep dipping set, whereas in the eastern portion of the property the pegmatites tend to have shallow dips (Vanstone 1982).

7.0 Deposit Types

7.1 General

The Superior Geological Province contains more than 200 rare-element pegmatite (also termed rare metal pegmatite) occurrences that are hosted by metavolcanic (52%), clastic metasedimentary (23%), peraluminous granite plutons (20%) and tonalite to granodiorite (5%) rocks (Figure 9, Breaks et al. 2005). Genetically, these pegmatites have been linked to peraluminous, S-type, fertile parent granites and recognition of such parental granites is critical in the exploration for rare elements such as Li, Cs, Rb, Be, Ta, Nb, Ga, Tl and Ge (Breaks et al. 2005). One of the best examples of such parental granites is the Ghost Lake batholith (GLB) located adjacent to the Property area (Breaks and Moore 1992). A fertile granite is the parental granite to rare metal pegmatite dikes. Some granitic melts have the capability to initially evolve into a fertile granite pluton that subsequently produced episodes of residual melts available to migrate into the host rock via structural anisotropies and crystallize as rare-element pegmatite dikes (Breaks et al. 2003).

7.2 Genesis of Peraluminous Granite-Rare Metal Pegmatite

Pegmatite is a common plutonic rock of variable texture and coarseness that is composed of interlocking crystals of widely different sizes. They are formed by fractional crystallization of an incompatible element-enriched granitic melt. Several factors control whether or not barren granite will fractionate to produce a fertile granite melt (Figure 10, Černý 1991, Breaks 2003):

- **presence of trapped volatiles:** fertile granites crystallize from a volatile-rich melt.
- **composition of melt:** fertile granites are derived from an aluminum-rich melt.
- **source of magma:** barren granites are usually derived from the partial melting of a igneous source (I-type), whereas fertile granites are derived from partial melting of a peraluminous sedimentary source (S-type).
- **degree of partial melting:** fertile granites require a high degree of partial melting of the source rock that produced the magma.

Initially, fractional crystallization of a granitic melt will form barren granite consisting of common rock forming minerals such as quartz, potassium feldspar, plagioclase and mica. Because incompatible rare

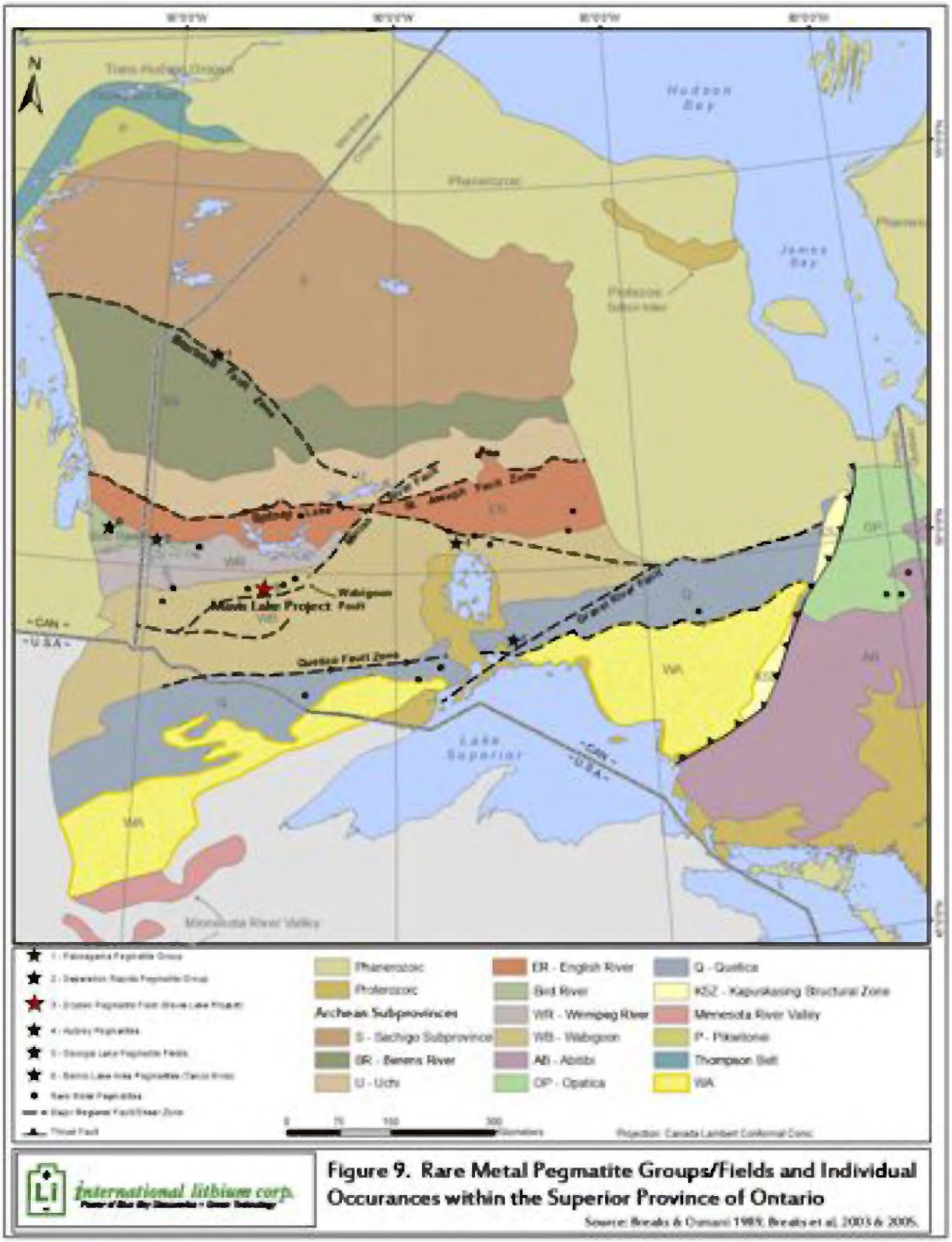


Figure 9. Rare Metal Pegmatite Groups/Fields and Individual Occurances within the Superior Province of Ontario

Source: Breaks & Osmani 1989, Breaks et al. 2003 & 2005.

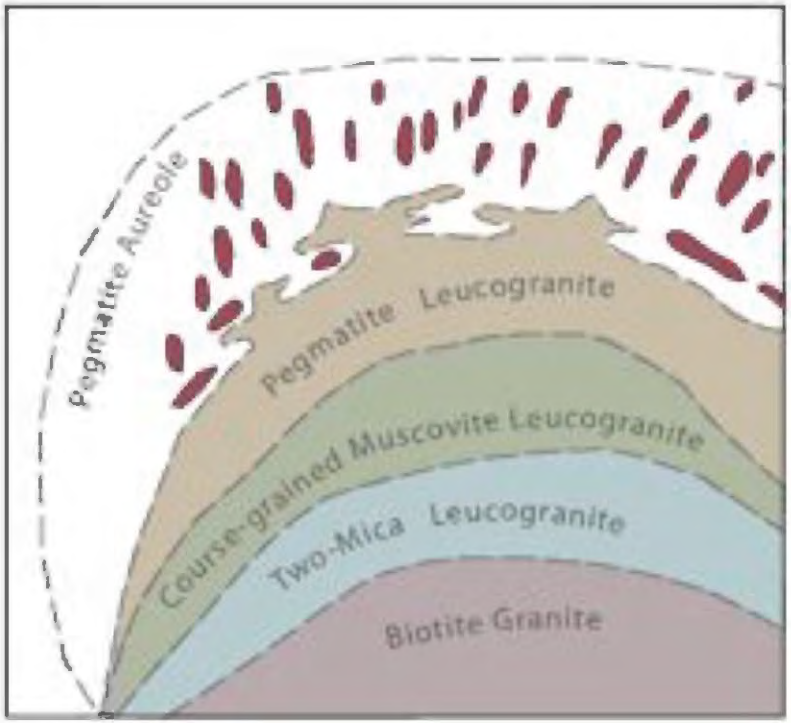
elements, such as Be, Li, Nb, Ta, Cs, B, which do not easily fit into the crystal of these common rock-forming minerals, become increasingly concentrated in the granitic melt as common rock forming minerals continue to crystallize and separate from the melt (Breaks et al. 2003). At this point, if the granitic melt is of a volatile-rich modestly peraluminous composition, then further fractional crystallization will lead to ***fertile granite*** melt enriched in incompatible rare-elements/metals. The rare metals will remain in the melt until the last possible moment when they will crystallize as pegmatitic minerals such as spodumene, petalite, tantalite, columbite, etc.

After most of the fertile granite pluton has crystallized, the residual fractionated granitic melt that remains as concentrates at the roof of the pluton, can then intrude along rheological contacts, fractures and faults into the host rocks to form pegmatite dikes. The forms of rare metal granitic pegmatite are greatly variable, and are controlled mainly by the competency of the enclosing rocks, the depth of emplacement, and the tectonic and metamorphic regime at the time of emplacement.

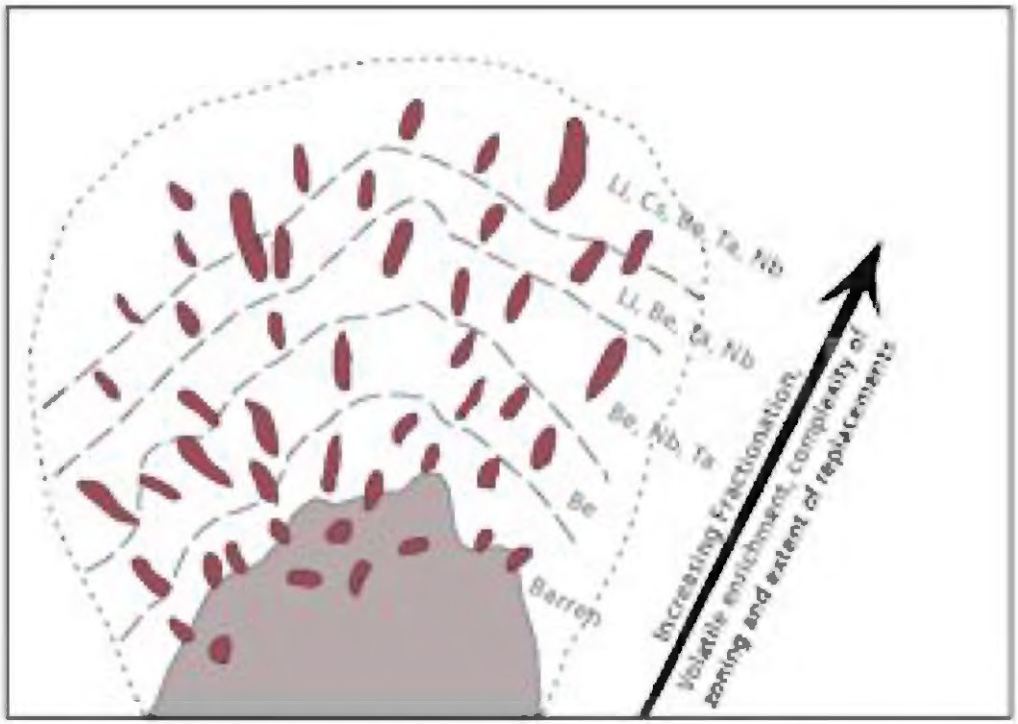
7.3 Regional Setting

Following geological settings of the fertile granites and related pegmatite dikes have been observed within the Superior Province (Figure 9, Breaks and Osmani 1989, Breaks et al. 2005):

- peraluminous, S-type and pegmatite granites typically occurring along or near the boundaries of high-grade (amphibolite to granulite facies),
- metasedimentary-dominant subprovinces such as the English River, Quetico and Opatica.
- fertile S-type granites situated within medium-grade (greenschist to amphibolite facies) rocks hosted within the Wabigoon Subprovince (WS) adjacent to high-grade Winnipeg River (WR) and English River (ER) subprovinces (e.g., Dryden pegmatite field, Separation Rapids pegmatite group and Aubrey pegmatites in the Armstrong field).
- rare metal pegmatites and their parental granites occurring along faulted subprovinces boundaries (e.g., “Pakeagama pegmatite group” along Bearhead Fault Zone at the Sachigo-Berens River subprovinces boundary – Osmani and Stott 1988, Osmani et al. 1989, Breaks and Osmani 1989, Breaks and Tindle 1998).



A. Schematic presentation of regional zoning in a fertile granite with an aureole of exterior lithium pegmatites.



B. Schematic regional zoning in a cogenetic parent granite & pegmatite group: a model for the Mavis Lake Area. Fractionation of pegmatites increases with increasing distance from the parent granite.

Figure 10. Regional Zoning in Fertile Granites and Associated Pegmatite Dikes.

Cerny, 1991, Breaks et al. 2003

- lithium-bearing pegmatites located within greenstone belts but are not related to high-grade metamorphic rocks or major fault systems (e.g., Raleigh Lake lithium occurrences – Breaks et al. 2005).

The rare metal pegmatites are regionally scattered throughout the boundary zone between the granitoid-dominant WR to the north and the greenstone-granite WS to the south. This 15-40 km by 250 km zone is characterized by:

1. inverted stratigraphy and out-of-sequence thrust stacking of allochthonous metavolcanic and metasedimentary assemblages, ranging in age from 2733±1 to 2703±2 Ma.

2. wide range in metamorphic grade – low to high grade.

3. zones of metasedimentary migmatite.

4. two-mica, peraluminous granite plutons distributed over 150 km.

5. a distinctive metallogeny relative the adjacent WS and WR featured by widespread lithophile metal enrichment which is in addition to rare-metal pegmatites.

7.4 Local Setting

Pegmatites of the Dryden area were initially described and named by Mulligan (1965) as the "Dryden Pegmatite Field" (DPF). The DPF has been subdivided into two distinct pegmatite populations (Figure 6 - Breaks 1989, Breaks and Janes 1991, Breaks et al. 2003, 2004):

1. Mavis Lake Pegmatite Group (MPG), and,

2. Gullwing -Tot Lakes Pegmatite Group (GTG)

These two groups are approximately 10 km apart. The MPG is linked genetically with the GLB, a late Achaean (2685 Ma), late to post-tectonic, fertile, S-type, peraluminous granite and pegmatitic granite body. According to Breaks and Janes (1991), although both MPG and GTG are hosted within amphibolitized mafic metavolcanic rocks, they differ in their respective structural settings and development processes. The GTG is a post-tectonic of no known genetic linkage with any exposed granite body in the area but contains one of the most highly evolved pegmatites in Ontario. Pollucite-bearing pegmatites occur within this group and, based on their fractionation indices, indicate extreme fractionation that compares with the Tanco pegmatite (Breaks 1989, Černý et al. 1998, Černý and Ercit 2005).

Since the pegmatites belonging to the MPG are the main objective of the current study, the dikes of this group are only discussed in this report. Detailed descriptions of GTG are contained in Breaks and Janes (1991) and Breaks et al. (2003, 2005) to which the reader is referred.

The majority of the rare metal pegmatites within the MPG strike parallel to the foliation of their host rocks and exhibit localized effects of late tectonic deformation such as weakly strained contacts, internal ductile shearing, pull-apart structures involving tourmaline and spodumene and buckling and boudinage of pegmatite granite dikes near the GLG contact (Breaks and Janes 1991). However, those pegmatites (albite-type) that are located in the outermost zone of the MPG are thought to postdate the tectonic deformation as evident by their discordant emplacement and lack of ductile deformational features.

7.5 Mavis Lake Deposit Model

Rare-element pegmatites of the MPG, as discussed in the preceding sections, are spatially and genetically linked with the peraluminous, S-type Ghost Lake batholith (GLB) (Breaks 1989, Breaks and Janes 1991, Breaks and Moore 1992, Breaks et al. 2003 and 2005), of which the extreme eastern end is located within the northwest corner of the Property (Figure 11). This late tectonic, multi-stage, co-magmatic, subsolvus, 280 square km complex was emplaced principally into the medium and high metamorphic grade clastic metasedimentary rocks within the SLD.

The pegmatitic granite units, which occupy the eastern lobe of the Ghost Lake batholith, form a small zone (10 square km) interpreted as a cupola zone. Bulk chemical characteristics and chemical indices of these units are comparable to fertile pegmatitic granite masses in other fields (Černý and Meintzer 1988). The rare element pegmatite dikes on the Property and adjacent areas are related both spatially and genetically to this pegmatitic eastern lobe of the GLB.

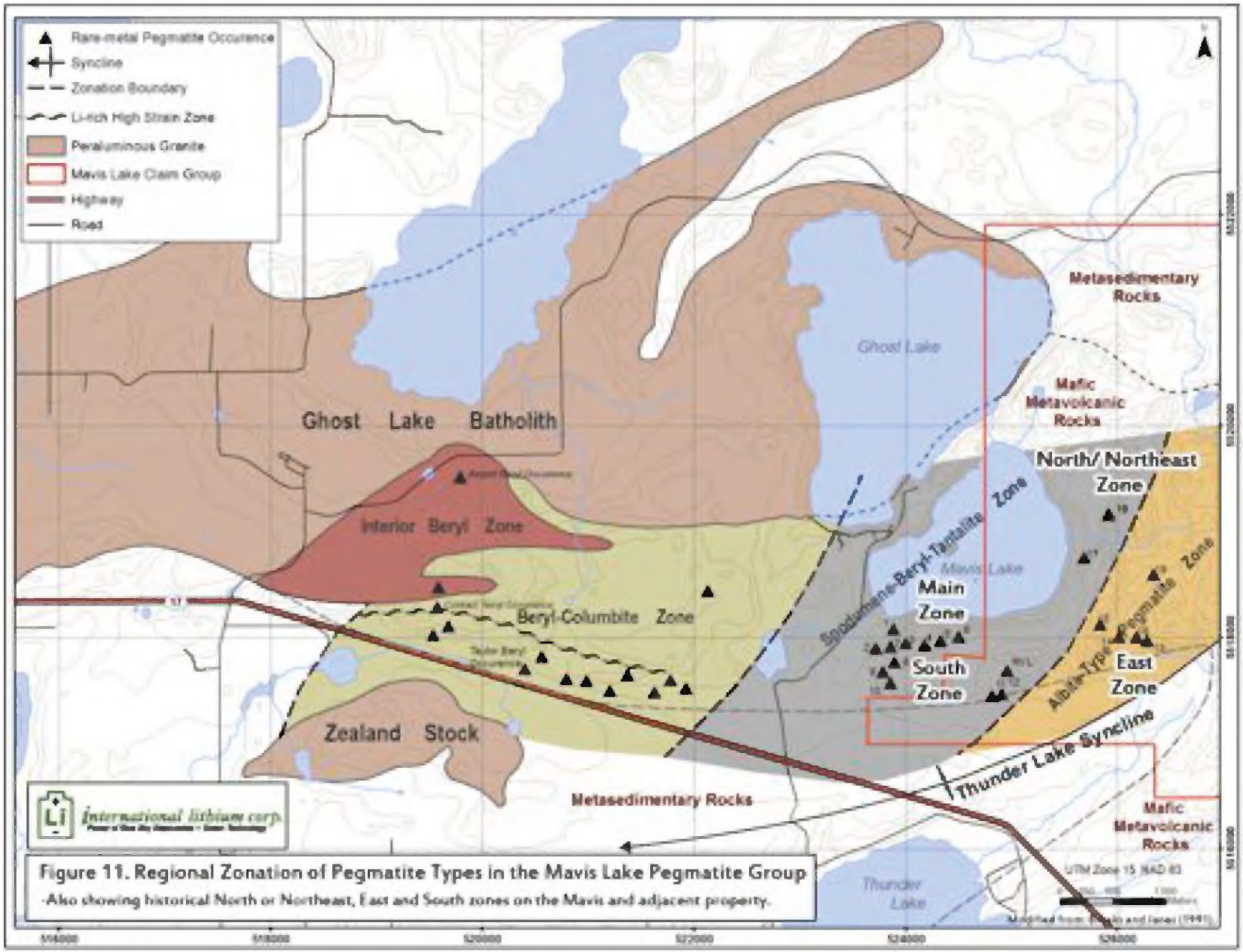


Figure 11. Regional Zonation of Pegmatite Types in the Mavis Lake Pegmatite Group

-Also showing historical North or Northeast, East and South zones on the Mavis and adjacent property.

The MPG consists of a 0.8 to 1.5 by 8 km, east trending swarm of pegmatites and related metasomatic zones hosted mostly within the mafic rocks. Pegmatites of this group exhibit a classic regional zonation with increasing distance from the parent GLB, as defined by systematic changes in mineralogy, chemical association and extent of post magmatic replacement (Figure 11). With increasing distance east from the GLB, the group exhibits the following regional disposition of pegmatite zones and distinctive petrochemistry (Breaks 1989, Breaks and Janes 1991):

1. Interior beryl zone [(Be-B- (Cs) and Rb-Be-F-Sn- (Cs-Ga-Ta>Nb)],

2. Beryl-columbite zone [(Be-B-Nb>Ta-P- (Cs)]

3. Spodumene-beryl-tantalite zone (Li-Rb-Be-Ta>Nb-B)

4. Albite-type pegmatite zone (Li>Rb-Be-Ta>Nb and Rb>Li-Be-Ta>Nb) pegmatites.

The **interior beryl zone** is 1.5 by 3.5 km area of garnet-tourmaline-muscovite-enriched pegmatitic granites within the GLB (Figure 11). This zone resides within the eastern lobe of the GLB and is characterized by sporadic green primary beryl in potassic pegmatite dykes and masses.

The **beryl-columbite zone** occurs within mafic metavolcanic country rocks adjacent to contact of the batholith. The rare-metal mineralization occurs in muscovite-tourmaline potassic pegmatites (e.g., Taylor #1 and #2 pegmatites) or in locally albitized pegmatites (e.g., Contact Beryl Occurrence). The Taylor pegmatites contain localized “emeralds” that formed adjacent to phlogopite-rich metasomatic selvedges derived from fluid interaction with the ultramafic host (peridotite sill). Brand et al. (2009) recently published a detailed account on a petrographic-mineralogical study of the emerald mineralization of the Taylor emerald occurrences.

The **spodumene-beryl-tantalite zone** occurs 2.5 to 6 km from the GLB contact. Within this zone, a swarm of spodumene-enriched pegmatites 1 to 19, plus the newly discovered RVL pegmatite by TNR in the fall 2009, extend easterly from the adjacent Fairservice claims onto the Property (Figure 11). The property currently hosts 10 such pegmatites (#11 to 19 plus RVL). Pegmatite 1 on the Fairservice property reportedly contains a resource of 500,000 tons grading 1.0% Li_2O (Storey 1990, p. 153). ***This historical resource estimate was calculated prior to the implementation of NI 43-101 standards therefore it is not current and should not be relied upon***.The QP is not able to verify the historical estimates of average grades and tonnage for the adjacent Fairservice property . As such, these historical data are not necessarily indicative of lithium mineralization exposed on the Mavis Lake Property.

Furthermore, it is cautioned that rare-metal pegmatites of the Dryden pegmatite field adjacent to the Mavis Lake Property individually vary in terms of pegmatite type, modal mineralogy, grain size, internal zonation of rock units and Li_2O content and therefore the lithium mineralization on the Mavis Lake Property may or may not compare with other lithium pegmatites of the area.

Besides lithium-rich spodumene pegmatites within this zone, this pegmatite also contains Ta-Nb-Sn oxide minerals such as manganocolumbite and tantalite, wodginite, tantalian rutile and cassiterite (Tindle et al. 2002). The pegmatites in the zone generally strike concordant to foliation in the host mafic metavolcanic rocks.

Albite-type pegmatite zone represents the distal zone, in which the pegmatites comprise less than 1.0m thick sheets composed of units rich in albite (sodic albite and albitite) contain fine-grained aggregates of green muscovite and albite formed after primary spodumene. Other minerals include mangano-tantalite, white beryl, fluorapatite and tourmaline of schorl and highly evolved elbaite compositions.

The rare metal pegmatites on the Property occur in a swarm of flat lying and near vertical dikes hosted within mafic metavolcanic rocks and contain some minerals identical to the Tanco deposit in southeastern Manitoba (Černý and Ercit 2005). For example, wodginite, the chief ore mineral at the Tanco deposit, also occurs in several pegmatites in the MPG (Tindle et al. 2002). On the basis of systematic changes in mineralogy, chemistry and metal association, these pegmatites are classified as **albite-spodumene-type** with beryl and tantalite, **albite-type**, and **complex-type** with lithium tourmaline, tantalite and wodginite group minerals.

The adjacent Fairservice property is dominated by east-trending albite-spodumene-type pegmatites, considered to be part of the same dike swarm as the Property pegmatites.

The pegmatites on both properties are historically correlated with a substantial lithium lithogeochemical anomaly, with a minimum length of 3.4 km and up to 700 metres wide. This anomaly was recently extended by TNR a further 1.1 km to the northeast beyond this known historical length. This lithium anomaly remains open to the east onto the Property and also is open to the west on the adjacent Brady property.

8.0 Mineralization

Rare-metal mineralization (e.g., lithium, tantalum, cesium, and rubidium) on the property occurs in granitic pegmatite and sodic aplite and albitite dikes, which are typically hosted in mafic metavolcanic rocks. These pegmatite dikes are genetically related to a parent peraluminous, S-type parent granite body (GLB), the northeastern part of which lies within the northwest corner of the Mavis Lake Property. The characteristic minerals associated with rare metal mineralization within the pegmatite and related aplite bodies are spodumene (Photo 1), tantalite, columbite and tourmaline. Holmquistite, a lithium amphibole characteristic of lithium pegmatites, occurs in altered mafic metavolcanic host rocks.

The project area covers the eastern extent of the MPG, which comprises an east trending concentration of rare metal pegmatites and related metasomatic zones. The nine known pegmatites and a newly discovered dike by TNR on the property are denoted as Pegmatite 11 through 19 and RVL, respectively (Figure 11). These pegmatites represent a mix of albite-spodumene-type, albite-type, and complex-type dikes (Breaks et al. 2003). Pegmatites 11, 12, 17 and 18 are classified as albite-spodumene-type (spodumene-beryl-tantalite zone) and from 13 to 16 plus 19 are classified as albite-type. Geochemically, these pegmatites can be classified the LCT-family of pegmatites (Černý 1991).

The spodumene-beryl-tantalite zone is defined by the initial appearance of spodumene in pegmatites of the albite-spodumene-type (Černý, 1991), which is located about 3.5 km from the GLB contact with the mafic (Brownridge) metavolcanics (Breaks and Janes 1991). Swarms of tabular pegmatites dikes, up to 10 m in thickness and 280 m in length, generally strike parallel to the foliation in the host rock. Internal zoning is indistinct to absent, for example the Pegmatite 1 on the adjacent Fairservice claims. This pegmatite contains three gradational zones of increasing content of quartz: **a)** potassic pegmatite with minor interstitial spodumene and quartz, **b)** spodumene-quartz-rich pegmatite, and **c)** a discontinuous quartz-rich core zone with minor spodumene, blocky microcline and beryl.

Pegmatite 14 is typical of the intensely albitized sheets and only ten percent of the dike contains recognizable spodumene relics. Most of Pegmatite 14 consists of 20-25% fine-grained white smoky quartz embedded in a mass of white-pink albite. Beryl occurs sporadically in Pegmatites 13, 14 and 15 as subhedral white to bluish-white crystals embedded with quartz and albite.

Photo 1 Light green blades of spodumene crystals interlocked with light pink to grey feldspar.

Pegmatite 14 is typical of the intensely albitized sheets and only ten percent of the dike contains recognizable spodumene relics. Most of Pegmatite 14 consists of 20-25% fine-grained white smoky quartz embedded in a mass of white-pink albite. Beryl occurs sporadically in Pegmatites 13, 14 and 15 as subhedral white to bluish-white crystals embedded with quartz and albite.

Intense tourmaline replacement of underlying massive mafic metavolcanics is especially conspicuous near the northwestern end of Pegmatite 16. Scheelite was identified by ultraviolet examination in vein system underlying Pegmatite 16 and in similar veins between Pegmatites 13 and 14, near the main dykes of the East Zone. In the case of Pegmatite 16, it is clear that the tungsten mineralization is genetically associated at least with the tourmaline-rich veins occurring with spodumene bearing rare element pegmatites of the East Zone (Breaks 1989).

Tantalum-, niobium- and tin-bearing minerals were confirmed in albite-type and albite-spodumene pegmatites on the Property by 106 electron microprobe analyses (Tindle et al. 2002). These minerals were verified

as mangano-tantalite, mangano-columbite, ferro-columbite, cassiterite and wodginite group [Mn (Sn,Ta)Ta_2O_8].

The **North** or **Northeast Zone** comprises Pegmatites 17 and 18 that have minimum respective strike lengths of 240 m and 214 m. Pegmatite 18 consists of several *en-echelon*, stacked pegmatite sheets that strike 135^0 with variable northeast dips of 15 to 43 degrees. This attitude is approximately normal to the regional foliation strike in the host massive to pillowed mafic volcanics.

The main primary assemblage in Pegmatite 18 consists of muscovite-tourmaline-K feldspar-albite-spodumene-quartz pegmatite, which is considerably less coarse than comparable primary assemblages from the South Zone and on the Fairservice property. Spodumene is usually light green and it ranges in abundance from 23 to 53 volume %. Beryl, columbite-tantalite, and holmquistite are sparse.

Small quantities of scheelite are disseminated within calc-silicate pods and layers in mafic metavolcanic rocks situated within up to one metre from the spodumene pegmatite contact. The occurrence of axinite $(Ca,Fe,Mn)_3Al_2BO_3Si_4O_{12}OH$ in these calc-silicate domains suggests that boron was introduced from nearby albitized spodumene pegmatites.

9.0 Exploration

The 2009 field program was conducted by TNR in two stages: **1)** a brief, summer 2009 reconnaissance program from July 25th to 26th, and **2)** a detailed month-long follow-up program in fall 2009 from September 25th to October 27th.

9.1 2009 Summer Program

The summer reconnaissance program consisted of only two field days with a four-man crew to evaluate rare metal potential by locating and sampling one or more of the known granite pegmatites on the property. Eight grab and five channel samples were collected from Pegmatite 18 for a total of 13 samples (Table 8). Assay results (as oxides) for lithium, tantalum, cesium and rubidium returned up to 3.14 wt % Li_2O, >122.1 ppm Ta_2O_5 (maximum upper detection limit), 243 ppm Cs_2O and 2500 ppm Rb_2O from grab samples. Five continuous channel samples were cut for a total length of 5.3 metres averaged 1.22 wt.% Li_2O, 34.1 ppm Ta_2O_5, 92.2 ppm Cs_2O and 1965 ppm Rb_2O (Table 9). Samples with maximum upper detection limits for some of these metals were re-analyzed.

9.2 2009 Fall Program

The fall 2009 exploration program consisted of a grid construction, mapping/prospecting, sampling and litho-geochemical surveying in selected areas of the property (Figure 8, 8a 13 and 114a and 14b). The geological work, including mapping/prospecting, sampling (grab and channel) and litho-geochemical surveying were conducted from September 25th to October 27th.

9.2.1 Grid Construction

A total of 11 lines, including one baseline, totaling 11.25 line-kilometres were cut (Figure 12). The most westerly north-south line is located 200 m west of the Mavis Lake in the vicinity of the Pegmatite 18. The grid lines were spaced 100 metres apart and oriented at 130˚-310˚, approximately perpendicular to the dominant foliation on the property.

9.2.2 Lithogeochemical Survey

One of the objectives of conducting the lithogeochemical survey on the Property was to use lithium (Li) and, to lesser extent, other rare-element values/anomalies developed in metavolcanic host rocks that have a metasomatic imprint due to rare-element pegmatite emplacement as exploration tool for finding hidden or blind pegmatites (Černý 1989b). This survey is based on a well-tested theory that when a rare-metal pegmatite melt intrudes a country rock, rare-element enriched fluids exchange with components in the country rock and results in chemically altered host rock called a metasomatic or dispersion halo. The host rock becomes enriched in highly mobile alkali elements (i.e., Li, Rb, Cs) and volatile components (e.g., H_2O, B, F etc). A similar group of elements (e.g., B, Be, Li, Rb and Sn) in dispersion halos is also diagnostic of Ta-enriched pegmatites although tantalum itself is immobile (Černý 1989b).

Lithium is the most mobile exomorphic element in most rare-element mineralized systems, and can form halos many times larger than the pegmatite bodies themselves (Černý 1989b, Breaks and Tindle 1997). Due to the superior mobility of the Li, it is used as primary element of choice in the current survey. According to Selway et al. (2005), the most extensive regional Li dispersion anomaly (100-750m x 7.0 km area) associated with rare metal pegmatites delineated to date in Ontario underlies the Mavis Lake area. Of this large historical anomaly, half of its strike length (~3.4 km) underlies the Fairservice claims and Property.

The lithogeochemical survey utilized the newly cut gridlines. Samples were collected as close to the station pickets as outcrop would permit. Exact sample locations are marked with an aluminum tag embossed with

the unique sample number stapled to a 46 cm long lath. A total of 335 samples were collected and were analyzed for lithium (Li) and other trace elements such as tantalum (Ta), cesium (Cs), rubidium (Rb), tin (Sn), gallium (Ga), niobium (Nb) etc (*see* Appendix 1 for complete analytical package). Two samples were assayed for gold (Au).

Samples returned a range of values from 1.3 to 9780 ppm Li with 136 samples returning values greater than 50 ppm Li. Lithium values greater than 50 ppm are considered strongly anomalous as the average regional background for lithium in mafic metavolcanic rocks is 16 ppm (Breaks 1989). The 2009 fall sampling program extended the lithium dispersion anomaly approximately 1.1 kilometres northeast beyond the 3.4 kilometre long historical anomaly underlying the Fairservice claims and the Property (Figure 12). The lithium anomaly remains open to the east.

9.2.3 Mapping/prospecting and Sampling

Mapping/prospecting and sampling (grabs and channels – Photo 2) were carried out in the latter half of the fall program with the objective of locating and sampling known pegmatites. All of the known occurrences were located and an additional pegmatite, the RVL, was discovered. More so, the Pegmatite 17 was extended 187 metres from its previously known length of 33 metres to 220 metres.

9.2.4 Results

A total of 192 grab samples were collected during the course of mapping/prospecting mostly from outer boundary of the lithium lithogeochemical grid that included both pegmatites and metavolcanic country rocks. Expectedly, the granite pegmatites samples yielded the best rare metal values compared to their host country rocks (Appendix B).

Of all the pegmatites, grab samples of Pegmatites 17 and 18 returned the highest lithium oxide values at 1.86 and 2.11 wt% Li_2O (Table 8). Pegmatites 11 yielded the best lithium oxide results from channel samples. Twelve channel samples were cut with values ranging from 37.4 ppm to 1.7 % Li_2O. A composite sample 4.7 m long returned 1.4% Li_2O. Comparable channel sample results were also returned by Pegmatite 18 from 2009 summer field program ("Section 10.1" and Table 9).

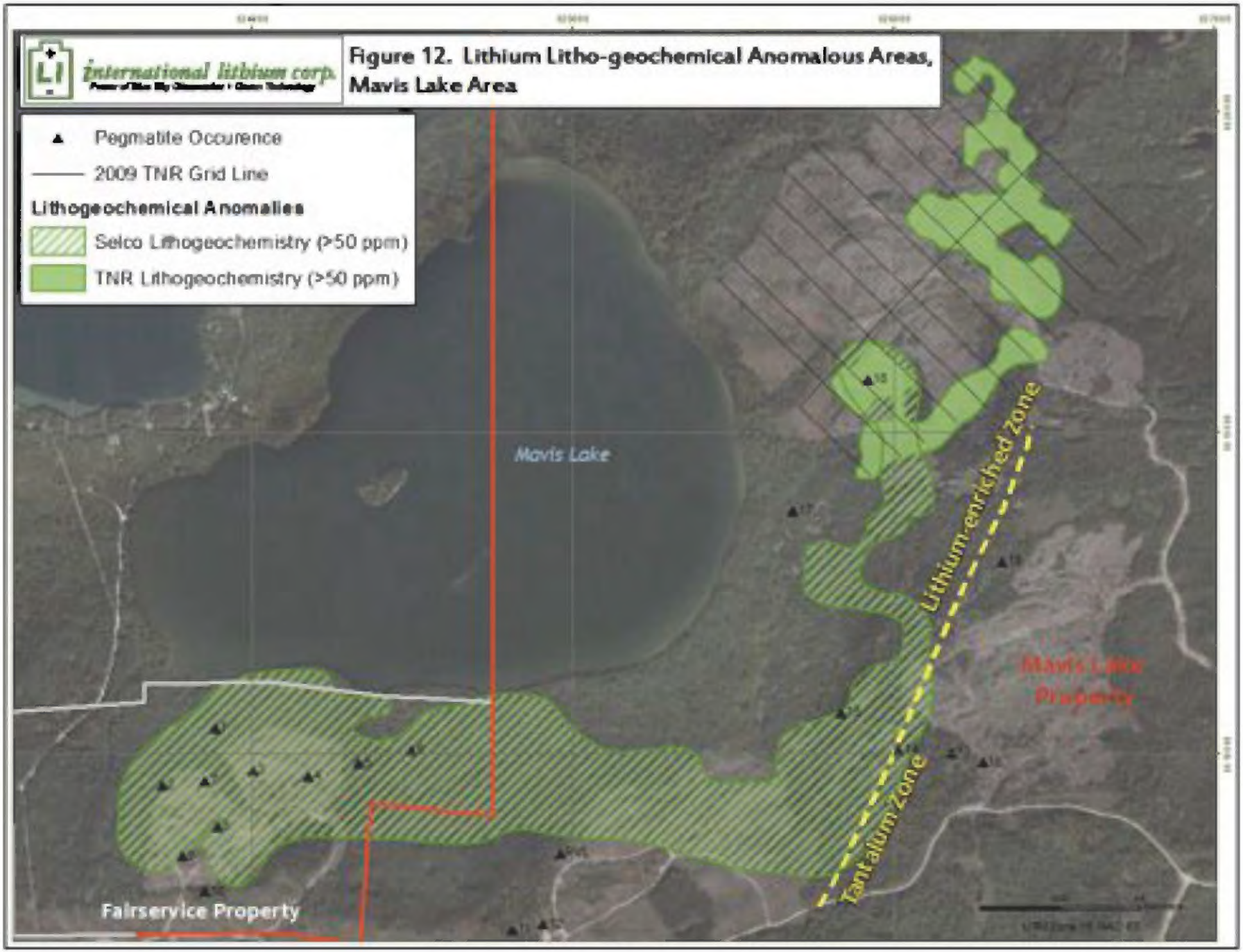

international lithium corp.
Figure 12. Lithium Litho-geochemical Anomalous Areas, Mavis Lake Area
Pegmatite Occurence
2009 TNR Grid Line
Lithogeochemical Anomalies
Selco Lithogeochemistry (>50 ppm)
TNR Lithogeochemistry (>50 ppm)
Mavis Lake
Lithium-enriched Zone
Tantalum Zone
Mavis Lake Property
Fairservice Property

Photo 2. Channel sampling of pegmatite dikes.

In addition to lithium, a number of pegmatites, particularly with associated sodic aplite and albitite, also returned highly anomalous tantalum, cesium and rubidium values. The most significant tantalum oxide (Ta_2O_5) results yielded by some of the samples of Pegmatites 14, 16 and 19 are 1246 ppm (0.12 wt.%), 1349 ppm (0.14 wt.%) and 593 ppm (0.06 wt.%), respectively. A sample of a sodic aplite vein with apatite-muscovite-rich selvedges situated near Pegmatite #19 returned the highest values of cesium (1537 ppm or 0.15 wt.% Cs_2O) and rubidium (10,021 ppm or 1.02 wt.% Rb_2O) (sample H373758 in Table 8).

Table 8 Significant Grab Samples

Sample Number	Area	Easting (mE)	North (mN)	Lithology	Li_2O (Wt%)	Ta_2O_5 (ppm)	Cs_2O (ppm)	Rb_2O (ppm)
H373047	14	526050	5517960	Pegmatite	0.007	1246	19.8	9.96
H373046	14	525975	5517949	Pegmatite	0.011	796	79.9	755
H373049	16	526249	5517951	Aplite	0.002	1349	4.20	7.33
H373050	16	526249	5517942	Aplite	0.014	757	7.50	30.5
H372633	17	525757	5518626	Pegmatite	1.72	163	206	2844
H372628	17	525714	5518607	Pegmatite	1.72	275	164	2166
H372626	17	525708	5518596	Pegmatite	1.86	74.7	155	3862
34717	18	525898	5519199	Pegmatite	2.56	57.2	77.4	970

Sample Number	Area	Easting (mE)	North (mN)	Lithology	Li_2O (Wt%)	Ta_2O_5 (ppm)	Cs_2O (ppm)	Rb_2O (ppm)
34718	18	525929	5519164	Pegmatite	3.14	36.9	65.6	1200
H372758	19	526339	5518602	Pegmatite-Aplite	0.16	782	1537	10021
H372761	19	526339	5518602	Pegmatite	2.01	223	583	3752

Table 9 Significant Channel Samples

Sample Number	Pegmatite	UTM Start (mE)	UTM Start (mN)	Width (m)	Li_2O (Wt%)	Ta_2O_5 (ppm)	Cs_2O (ppm)	Rb_2O (ppm)
H372723	11	524877	5517478	1	1.02	90.1	114	3370
H372724	11	524876	5517478	1	1.74	60.6	121	2472
H372725	11	524875	5517478	1	1.66	87.3	129	2297
H372726	11	524874	5517478	1	1.50	82.5	157	2932
H372727	11	524873	5517478	0.7	0.90	151.5	250	4223
		Weighted Average		4.7	1.39	90.8	148	2985
H372697	11	524871	5517455	1	0.24	84.1	59	1214
H372698	11	524870	5517455	1	0.98	99.3	123	1586
		Weighted Average		2	0.61	91.7	91	1400
H372700	11	524867	5517457	1	0.004	134.5	119	2779
34721	18	525965	5519122	1	1.59	53	98.4	1870
34722	18	525964	5519121	1	1.50	47.1	62.6	1140
34723	18	525964	5519120	1	0.90	21.2	100.5	2260
34724	18	525963	5519120	1	0.95	26.8	101.5	2170
34725	18	525963	5519119	1.3	1.15	24.9	96.5	2290
		Weighted Average		5.3	1.22	35.2	91.6	1924

All pegmatites, with exception of the RVL, produced Ta_2O_5 levels that exceeded the initial upper detection limit. The highest values came from Pegmatites 13, 14 and 16 which occur within an area of 500 by 800 m that represents the presently minimum southeastern limits for rare metal mineralization on the property. Samples from this area returned peak Ta_2O_5 values of 1349 ppm and 1246 ppm from the Pegmatites 16 and 14, respectively (Plate 1). This area of elevated Ta values is completely open to the east and southeast and warrants further field investigation to find additional mineralization.

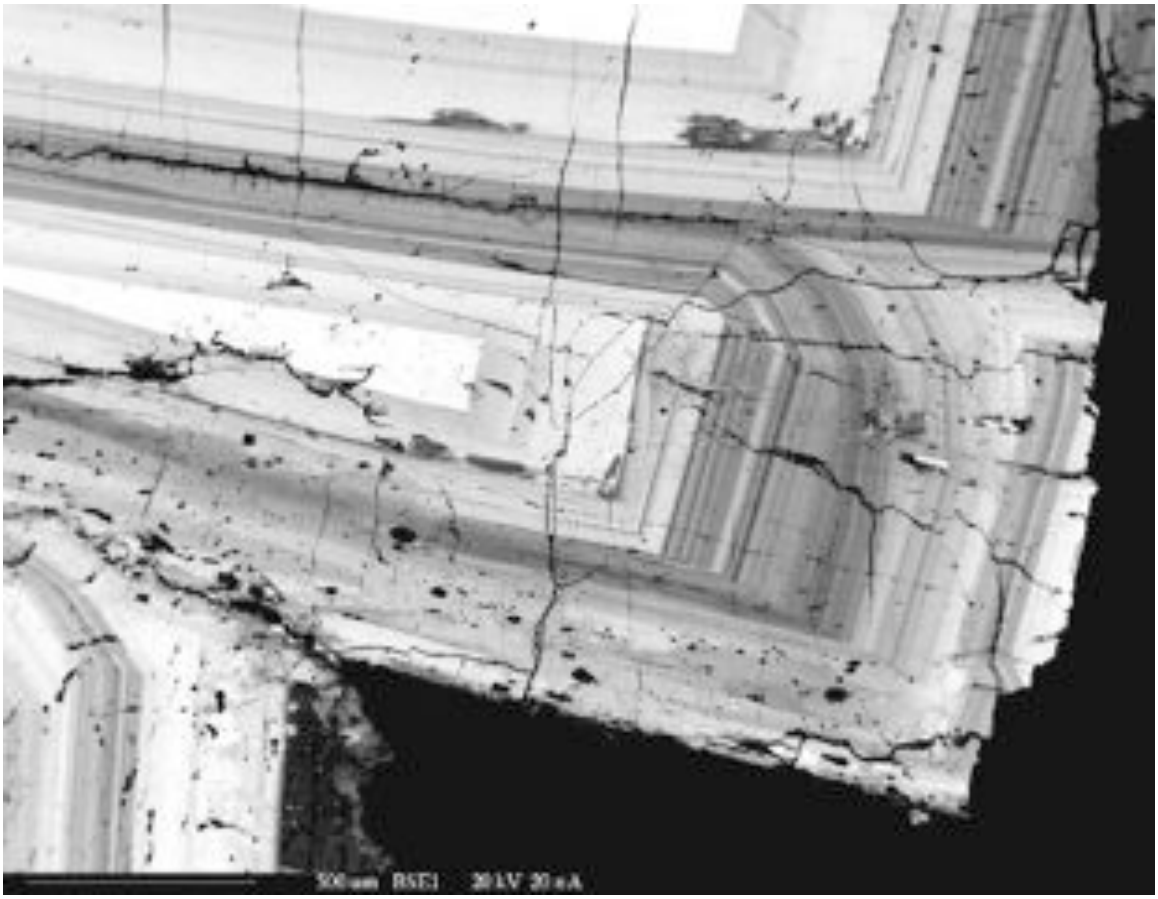


Photo 2 Mn-tantalite grain from Pegmatite 1g. Photomicrograph showing spectacular scillary zoning between high Ta zones (bright white) and zone with higher niobium pentoxides (darker area). Average Ta_2O_5 content of grain 60.5%. (Tindle et al. 2002)

Other highlights include Ta_2O_5 values of 723 ppm, 614 ppm and 593 ppm from Pegmatites 13, 17 and 19, respectively. Sixty-nine of the 83 samples, which initially exceeded the upper detection limit of 122 ppm for Ta_2O_5, resulted in values greater than 200 ppm Ta_2O_5 in the re-analyzed data set.

Samples with very high tantalum values tend to have low lithium values as is typical of sodic aplite and albitite-rock units that represent important host-rocks for tantalum mineralization as exemplified by the **Tanco Mine** in southeastern Manitoba (Černý et al. 1998; Černý and Ercit 2005) and the **Wodgina Mine** of Western Australia (Fetherston 2004). However, there are samples with very high lithium values that also carry strongly anomalous tantalum. Examples of this strong multi-element signature can be found in both grab samples (Table 8) and channel samples (Table 9).

Tantalum mineralization occurs as fine-grained columbite-group minerals that are hosted primarily in sodic aplite and related albitite (>8 wt.% Na_2O). Other tantalum-rich minerals may also be present as previous work confirmed wodginite associated with tantalite, columbite, lithium tourmaline and amblygonite-montebrasite at Pegmatite 19 (Breaks 1989).

Wodginite is the chief ore mineral for tantalum at the Tanco and Wodgina mines. The Tanco Mine had a historical reserve estimate of 1,879,000 tons grading 2160 ppm Ta_2O_5 and has proven to be a world-class producer of tantalum, lithium, cesium and rubidium (Černý 2005). The QP is not able to verify the historical estimates of average grades and tonnage for the Tanco Pegmatite also situated within the Superior geological province. As such, these historical data are not necessarily indicative of lithium mineralization exposed on the Mavis Lake Property. Furthermore, it is cautioned that rare-metal pegmatites of the Dryden pegmatite field adjacent to the Mavis Lake Property individually vary in terms of pegmatite type, modal mineralogy, grain size, internal zonation of rock units and Li_2O content and therefore the lithium mineralization on the Mavis Lake Property may or may not compare with other lithium pegmatites of the area.

10.0 Sampling Method and Approach

Two qualified persons (I.A. Osmani, P. Geo. and F.W. Breaks, P. Geo.) supervised the work program and sample collection during TNR's 2009 summer and fall field programs on the Mavis Lake property. A total of 527 grab and 17 channel samples were collected from the property (Figures 13, 14a, 14b and 15). Of the 527 grab samples, 335 samples were collected along the gridlines for lithogeochemical survey and 192 samples are from outside the grid area.

The grab samples collected from the grid and various localities elsewhere on the property consisted of fresh pieces of bedrock collected over representative and mineralogically homogeneous areas of a given outcrop. Between 0.5 and 2 kg of rock material was selected as fresh chips and the sample size was dependent upon grain size. The metavolcanic units sampled on the lithogeochemistry grid and sodic aplite units, prevalent in the south and southwest part of the property, are dominantly fine-grained and 0.5 kg was considered as an adequate sample weight. The spodumene units are coarser-grained, with grain diameters in the 1 to 3 cm range and thus larger sample sizes were collected and at least 1 kg in weight.

Lithogeochemical samples were collected from outcrop as close to grid stations as possible. The exact sample location was marked with an

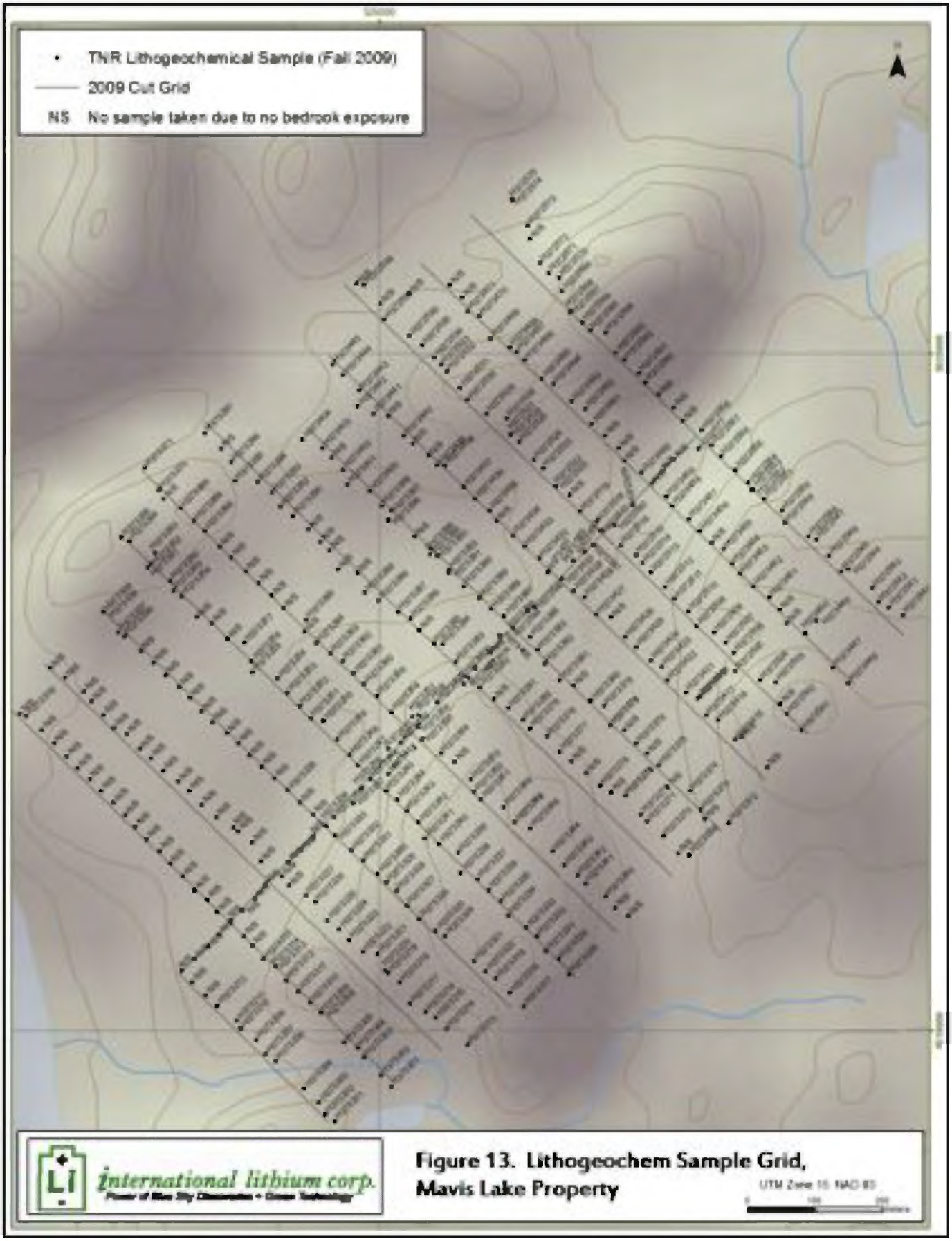


Figure 13. Lithogeochem Sample Grid, Mavis Lake Property

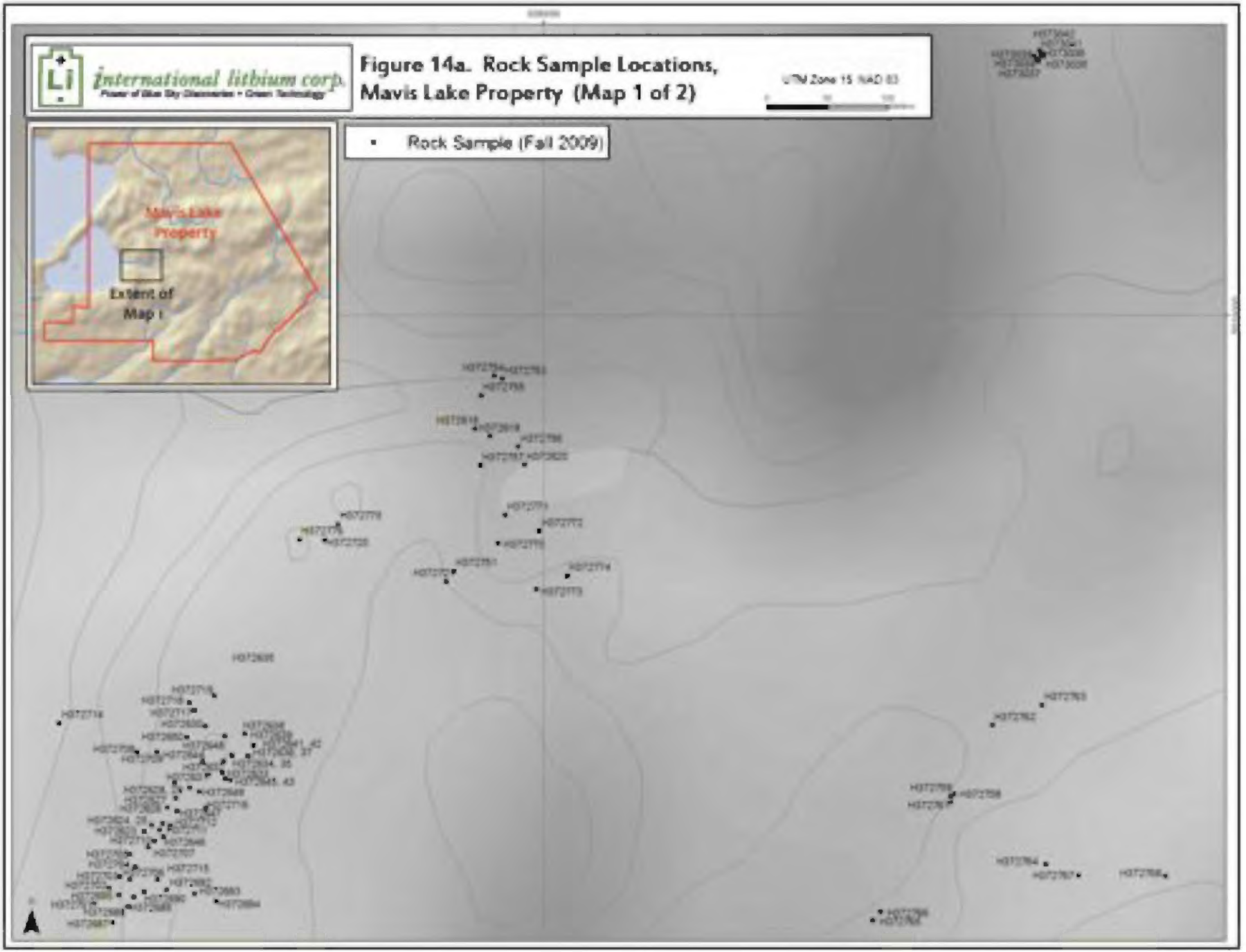

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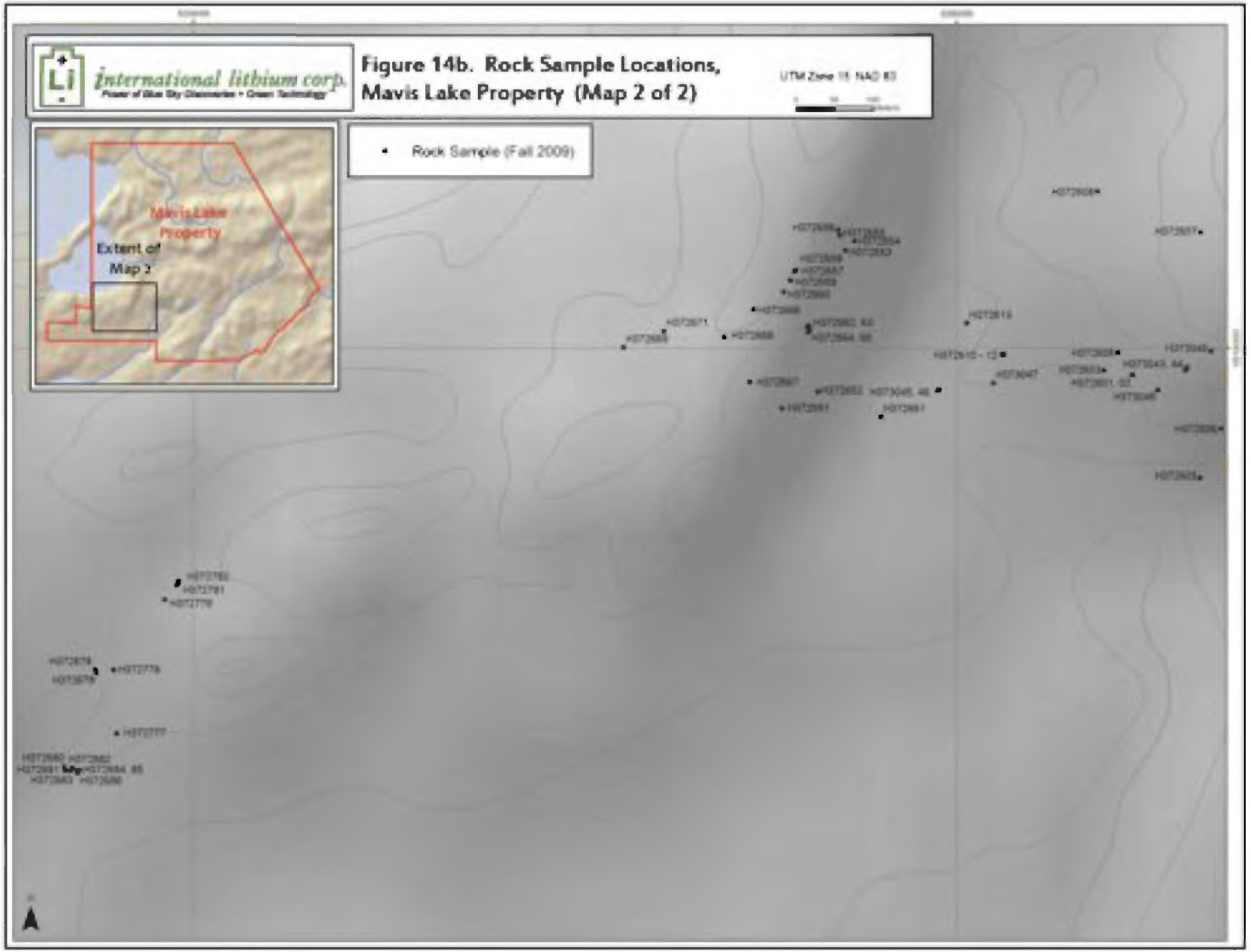
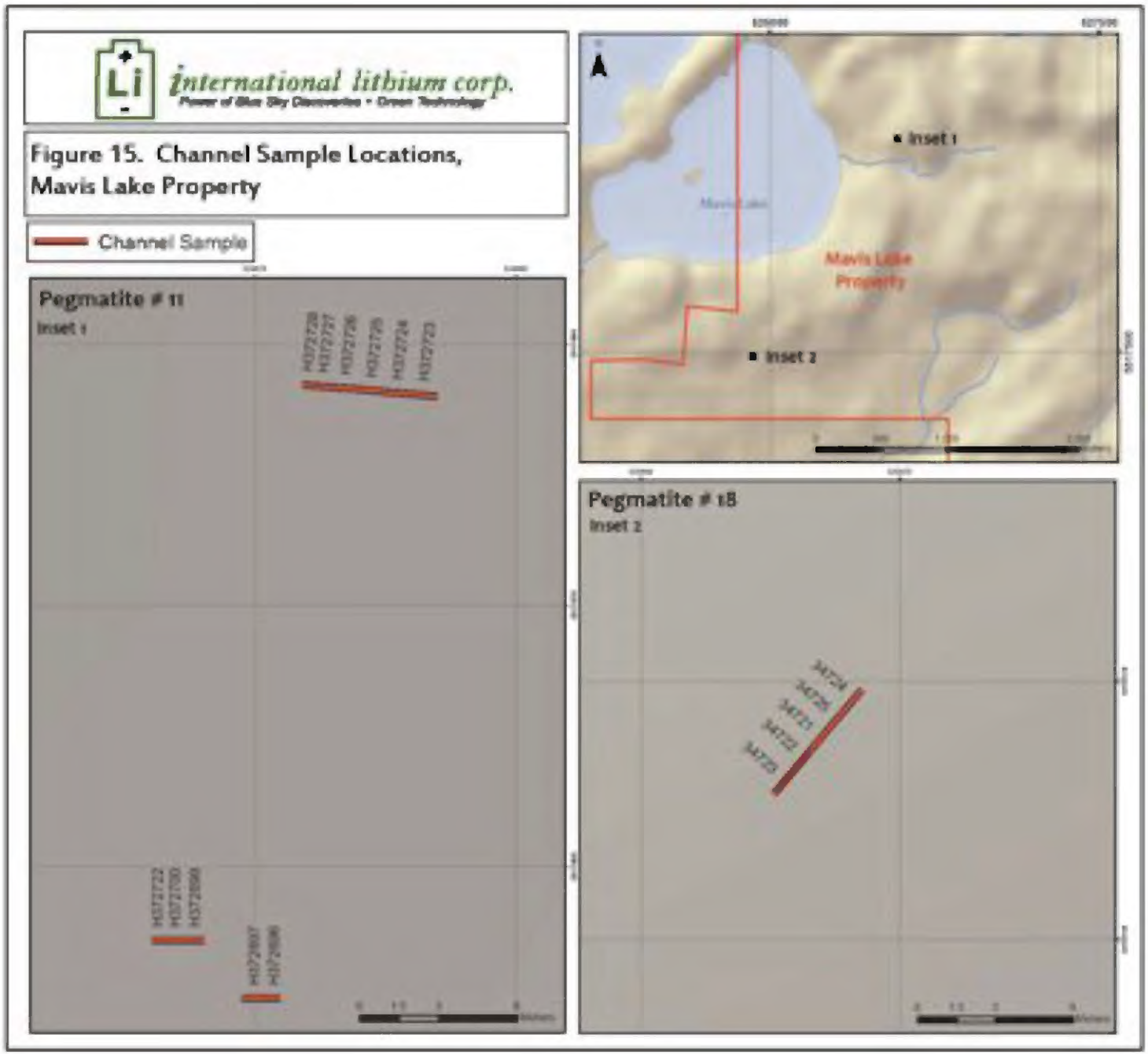
Figure 14a. Rock Sample Locations,
Mavis Lake Property (Map 1 of 2)
Rock Sample (Fall 2009)
Mavis Lake Property
Extent of Map 1


international lithium corp.
Figure 14b. Rock Sample Locations,
Mavis Lake Property (Map 2 of 2)
UTM Zone 15 NAD 83
Rock Sample (Fall 2009)
Mavis Lake Property
Extent of Map 2


international lithium corp.
Figure 15. Channel Sample Locations,
Mavis Lake Property
Channel Sample
Inset 1
Inset 2
Mavis Lake Property
Pegmatite # 11
Inset 1
Pegmatite # 18
Inset 2

aluminum tag embossed with the sample number and stapled to a 46 cm long lath. A GPS location and lithological description were collected at each station. Stations where outcrop was absent are indicated by lath labeled with "N/S" for "No Sample".

All samples selected for analysis were homogeneous with respect to grain size at the collection site. The authors are not aware of any sampling factors that could impact the accuracy and reliability of the chemical data. The QP cautions that grab samples are by nature selective and therefore may or may not represent average values.

The 17 channel samples focused upon representative spodumene pegmatite and sodic aplite units of Pegmatite dykes 11 and 18 and possibly related pegmatites situated within 25m of Pegmatite 11 (Figure 15). These samples were cut using a Stihl Cut-Quik rock saw. Channels were cut to a depth of approximately 5 cm and 1 metre long where possible. Samples were extracted using a hand sledge and a chisel or hatchet. Intervals were marked with an aluminum tag embossed with the sample number and hammered into the channel cross cut at the start of the sample. A GPS location was taken as a survey benchmark and then samples were located with a chain and compass from the benchmark. In addition to sample location, a brief lithologic description of the samples was also taken in the field.

Grab samples collected outside the grid area (Figures 14a and 14b) were located in the field with a handheld GPS unit. Samples sites were marked on the ground by a pink or orange flag with the sample number written in permanent marker. After taking notes of the sample material, the sampler then placed the sample material into a numbered (tagged) clean plastic sample bag in the field.

Each sample was placed in a plastic sample bag with a unique pre-numbered tag either purchased from "Chaltrek Ostrom Outdoor" store in Thunder Bay (Ontario) or was provided by ALS Chemex. A smaller sample was kept in a separate bag labeled with the sample number for reference. Bags were sealed with plastic ties and grouped into larger tarpaulin (rice) bags for shipping. Samples were either shipped to ALS Chemex in Thunder Bay by Greyhound or driven to Thunder Bay by an employee. Reference samples were shipped via Greyhound to Dr. Frederick Breaks in Sudbury (Ontario) for storage and, if required, to conduct further study on these samples.

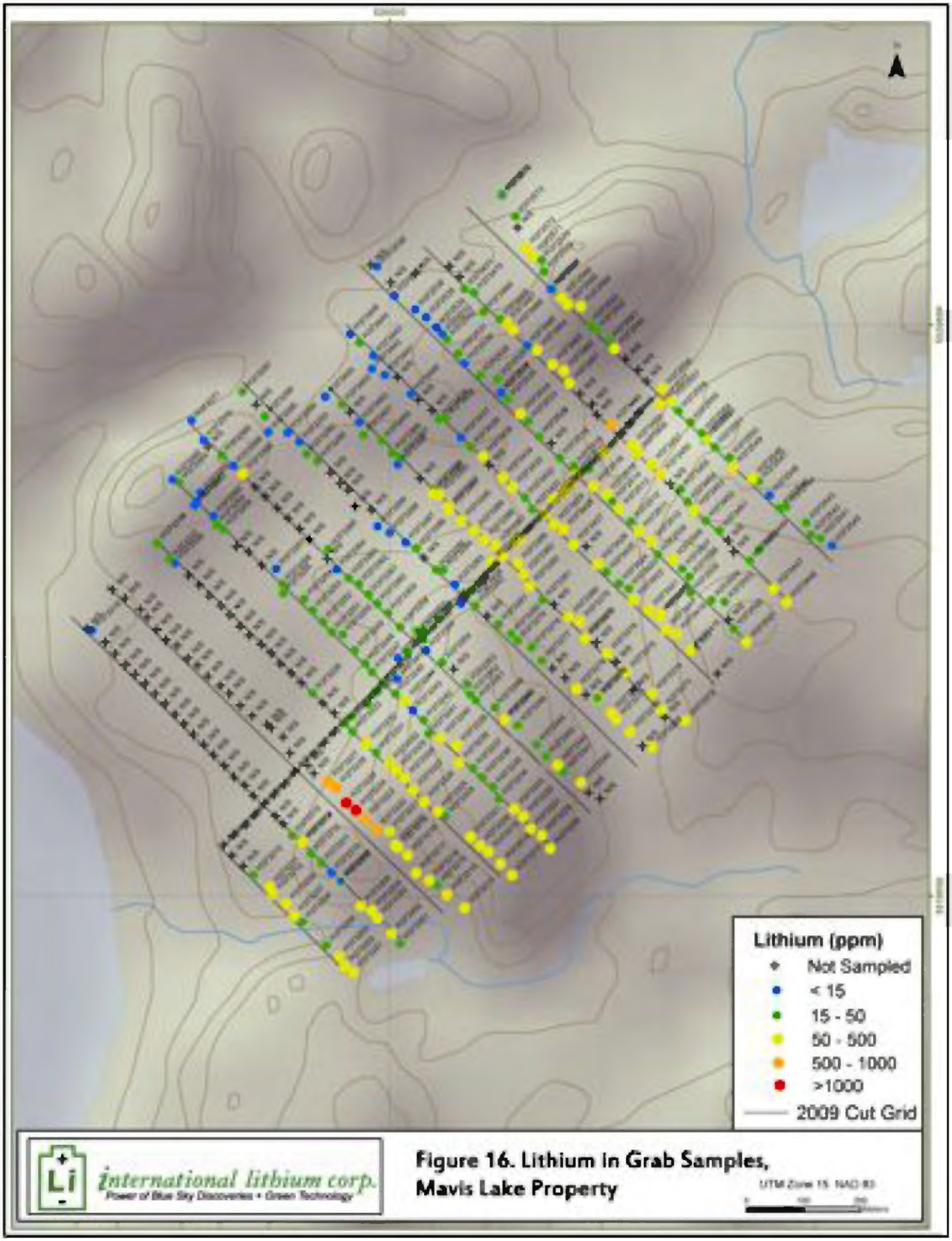


Figure 16. Lithium in Grab Samples, Mavis Lake Property

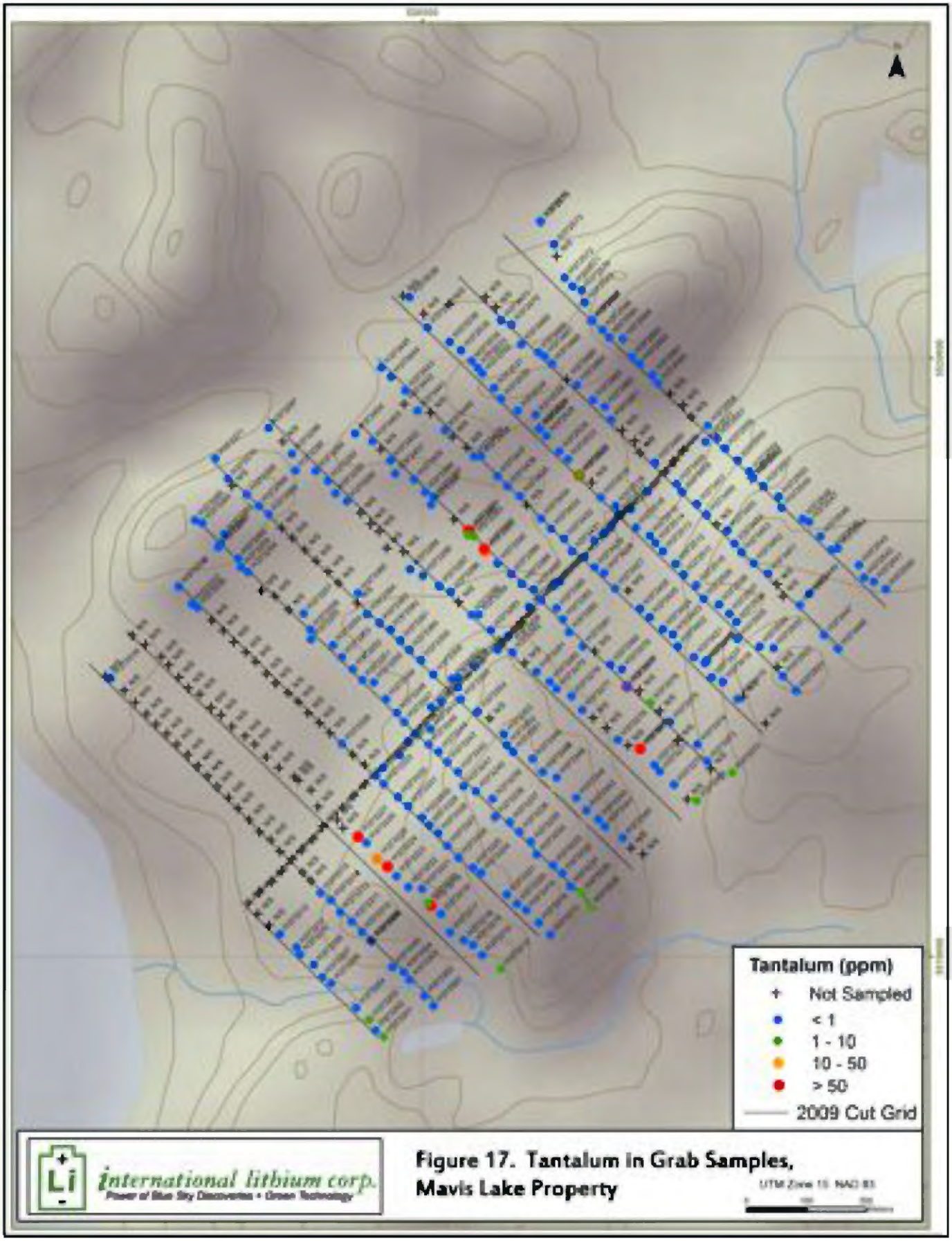


Figure 17. Tantalum in Grab Samples, Mavis Lake Property

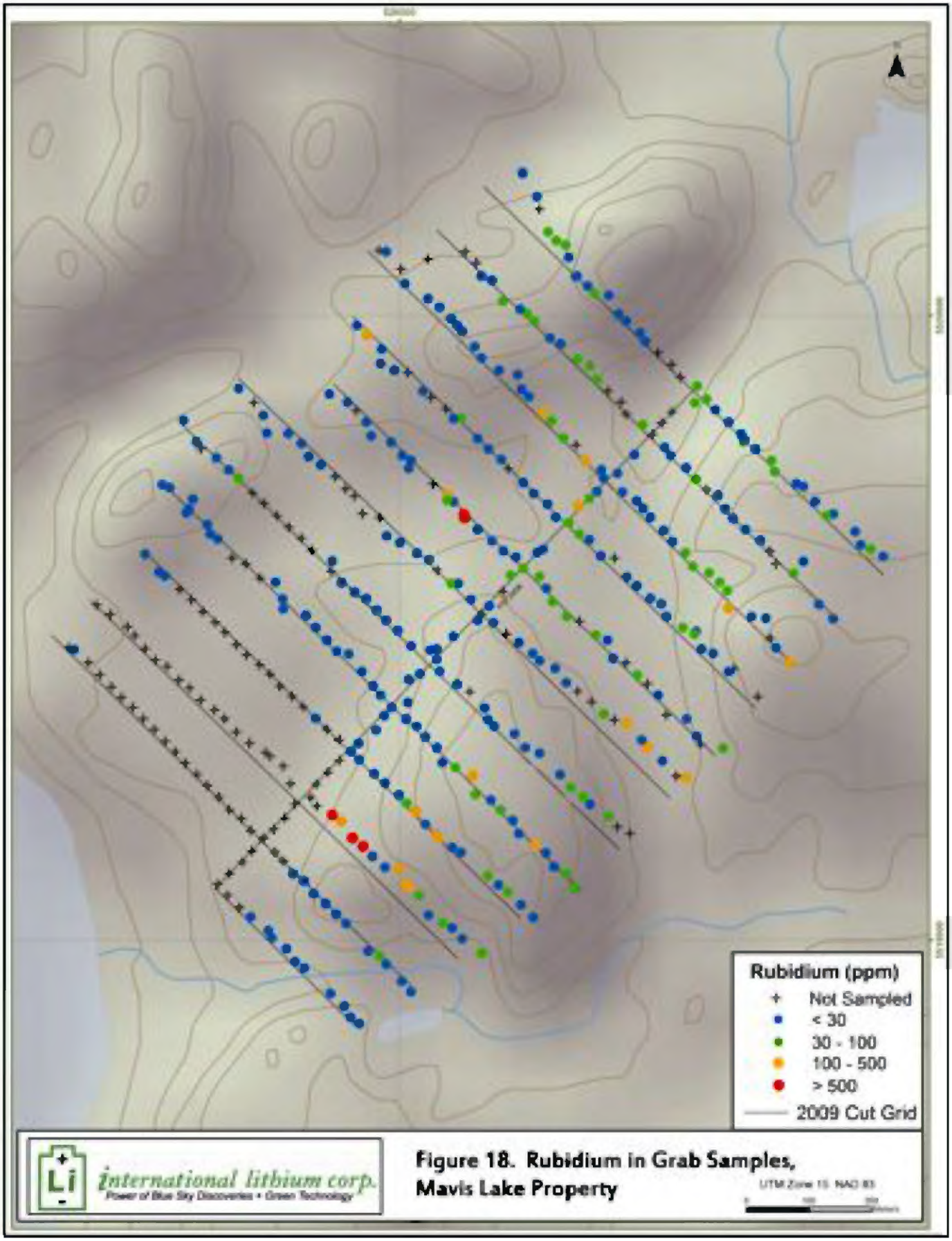


Figure 18. Rubidium in Grab Samples, Mavis Lake Property

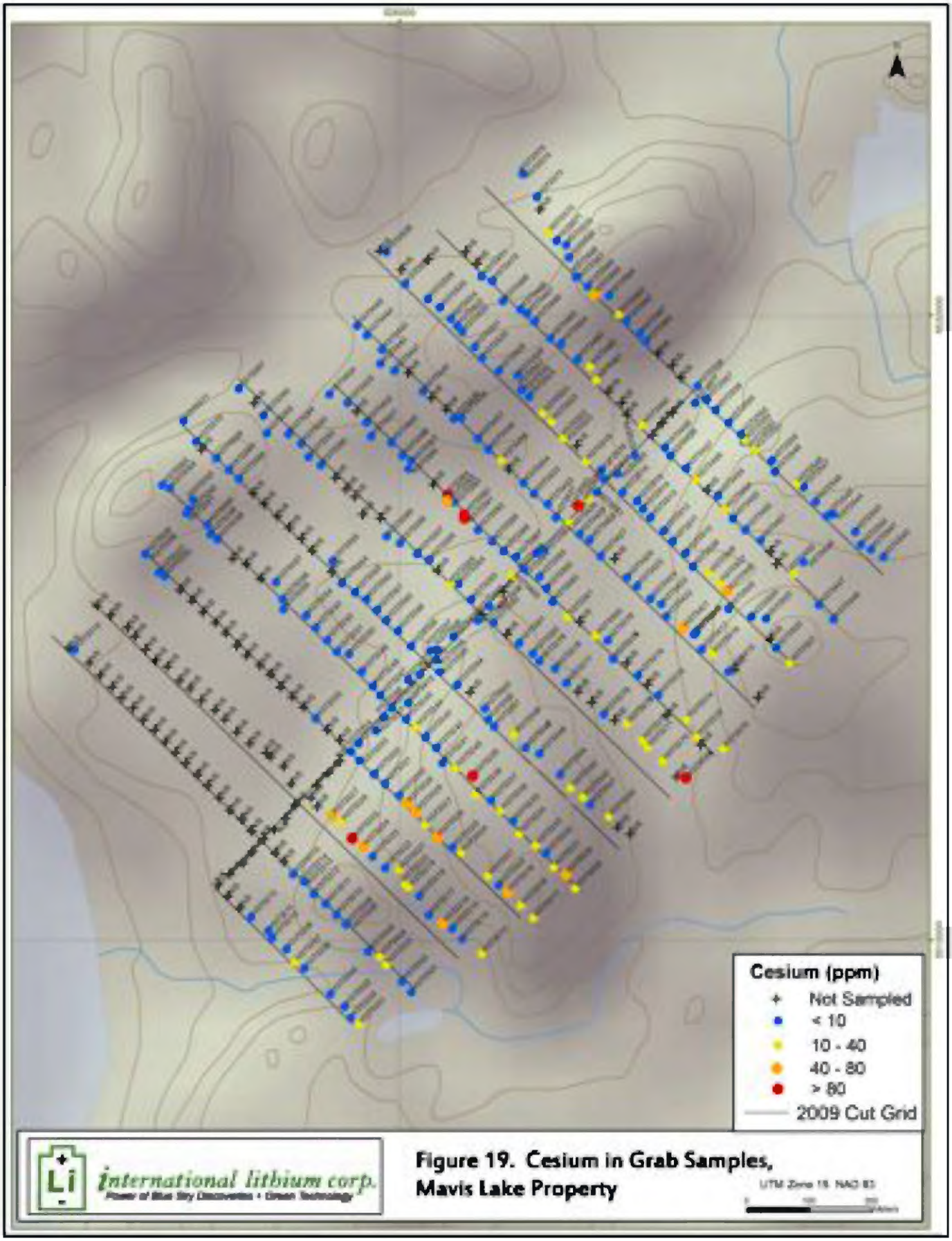


Figure 19. Cesium in Grab Samples, Mavis Lake Property

10.1 J. Garry Clark Samples

J. Garry Clark selected three channel sample pulps to be re-analyzed by Activation Laboratories. The samples were picked up by the author from ALS Chemex Thunder Bay and delivered to Activation Laboratories Thunder Bay. The samples utilized the same sample tag numbers but had differing laboratory numbers.

11.0 Sample Preparation, Analyses, and Security

Samples from the 2009 program were prepared and analyzed by ALS Chemex Laboratory Group with check assays for lithium undertaken on 12 pulp duplicates by the Geoscience Laboratory of the Ontario Geological Survey in Sudbury, Ontario. Both laboratories are considered by the authors as industry leaders and accordingly we have confidence of high industry standards with respect to handling, preparation, analysis and security methodology. Both labs employ a stringent system of quality control by insertion of blanks, pulp duplicates of samples collected and international reference standards in a given lot of submitted material.

The samples were submitted to ALS Chemex in Thunder Bay, Ontario, for preparation work that involved crushing and pulverization according to their Prep-31 procedure (Method codes LOG-22, CRU-32, SPL-21 and PUL-31). Samples were logged into the tracking system and a bar code applied to each and then weighed, dried at 110 to 120 degrees Celsius and finely crushed so that greater than 70% of the sample passes a 2mm screen (Tyler 9 mesh, US standard No.10). A split up to 250 grams was then taken and pulverized so that greater than 85% the material passes a 75 micron screen (Tyler 200 mesh, US standard No. 200). The resulting pulps were subsequently shipped to their Vancouver-based analytical lab where analysis for Li, Ta, Cs, Rb, Nb, Ga and other trace elements (Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Ga, Ge, Hf, In, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Re, S, Sb, Sc, Se, Sn, Sr, Te, Th, Ti, Tl, U, V, W, Y, Zn and Zr) was undertaken .

11.1 Analytical Methods

11.1.1 ALS Chemex

For geochemical analysis of rock samples, the lab's ME-MS61 package with a four acid digestion method was used. Samples were treated with hydrochloric, hydrofluoric, perchloric and nitric acids. This is a strong acid solvent capable of decomposing nearly all common rock forming minerals with the notable exception of resistate phases like barite, chromite, monazite, titanite or xenotime. Select samples were assayed for gold with the Au-ICP21 procedure, Ta and Rb and other REEs with

the ME-MS81 and ME-MS81h procedures and Cs with the ME-XRF05 procedure.

The ME-MS61 method was utilized for all samples except for those collected in the summer of 2009. This procedure uses a minimum 1 g split of the 30 g pulp. This procedure employs an Inductively Coupled Plasma Mass Spectrometer (ICP-MS), which is capable of determining the concentrations of 70 or more elements simultaneously by measuring the mass of ions generated by argon gas plasma heated to 8,000˚C and passing through a magnetic quadruple detector. It is capable of ultra low detection limits (ppb to ppt) with very wide linear ranges (up to 7 orders of magnitude).

Select samples submitted for Au analysis were subjected to the Au-ICP21 procedure, which is comprised of fire assay and Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES). Fire assay samples are mixed with fluxing agents including lead oxide and fused at high temperature. As the reactants cool, molten lead exsolves and descends to the bottom of the vessel, collecting precious metals as it travels and leaving a borosilicate slag at the top of the vessel. To win the precious metals from the leftover lead "button," samples are subjected to temperatures of 960˚-1000˚C where the lead is volatilized and a bead of precious metals is left. The remaining bead is subject to strong acid digestion and then analyzed using ICP-AES. ICP-AES is similar to ICP-MS in that argon plasma is used to ionize and excite the samples. In this case, however, the characteristic frequencies of light emitted by excited ions are measured and compared against known calibrating standards.

Seventy-two samples were submitted for the rare element procedure ME-MS81 or ME-MS81h. ME-MS81 is a general procedure for Ag, Ba, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Gd, Hf, Ho, La, Lu, Mo, Nb, Nd, Ni, Pr, Rb, Sm, Sn, Sr, Ta, Tb, Th, Tl, U, V, W, Y, Yb, Zn and Zr and ME-MS81h is a specific procedure for assaying up to 5% Rb and Ta. The procedures are essentially the same and involve lithium borate fusion before digestion in strong acid. The procedure is finished with mass spectrometry for the various elements.

Eight samples were submitted for re-assay of Cs under the ME-XRF05 procedure. This procedure also utilizes a lithium borate fusion. However, rather than analysis by mass spectrometer or emission spectrometer, an x-ray fluorescence apparatus is used. The XRF irradiates the sample with primary x-rays. The excited sample emits characteristic x-rays, which are sorted and analyzed against calibrating standards.

11.1.2 Geoscience Laboratories - Ontario Geological Survey

The twelve samples collected during the summer program were all submitted first to ALS Chemex for preparation and analysis. Pulps were then forwarded for check analysis to the Geoscience Laboratory of Ontario Geological Survey (OGS) in Sudbury, Ontario. Duplicate analysis served to confirm the accuracy of the ALS Chemex analyses (Table 10).

All samples submitted to the OGS Lab were and subjected two separate acid digestion and analysis procedures. Digestion techniques were specific to the assay technique used on the samples. Atomic absorption (code AAF-100) and the complementary open vessel multi-acid digestion and the ICP-MS (code IMC-100) with the complementary closed vessel multi-acid digestion techniques were used to analyze the samples. Open vessel multi-acid digestion is designed specifically to break down most silicate minerals in a four acid solvent and is used by the OGS Lab for their atomic absorption procedure. Closed vessel digestion is designed specifically for ICP-MS and AES analysis. Digestion is also with four acids but the beaker is closed to promote more complete digestion.

The ICP-MS procedure utilized by the OGS Lab is essentially the same as that of the ALS Chemex laboratory. The atomic absorption method is similar to the atomic emission spectroscopy procedure employed by ALS Chemex. Samples are atomized by a nebulizer then directed through a radiation source. The input energy of the instrument is set to a quantity characteristic of the absorption of a specific element. The intensity and the spectrum of the light are measured to quantify the concentration of the analyate.

11.1.3 Activation Laboratories

Activation Laboratories' Quality System is accredited to international quality standards through International Organization for Standardization /International Electrotechnical Commission (ISO/IEC) 17025 (ISO/IEC 17025 includes ISO 9001 and ISO 9002 specifications) with CAN-P-1758 (Forensics) and CAN-P-1579 (Mineral Analysis) for specific registered tests by the Standards Council of Canada.

The author's samples were analyzed utilizing inductively coupled plasma mass spectrometer. The digestion technique was total digestion that employs a lithium metaborate/tetraborate fusion. The resulting molten bead is rapidly digested in a weak nitric acid solution. The fusion ensures that the entire sample is dissolved. It is only with this attack that major oxides including SiO2, REE and other high field strength elements are put into solution. High sulphide-bearing rocks may require different treatment, but can still be adequately analyzed. For whole rock XRF

analysis, the molten bead is poured into platinum molds to form a glass disk.

11.1.4Sample Security

At the end of each day, samples were brought back to camp and stored in the secure crew cabin at the Bonny Bay Camp near Dryden, Ontario. All samples were packed and readied for shipping on site by the field crew under the supervision of one of two project geologists (Justin Mundhenk and Gabe Jutras, G.I.T.). Samples were delivered by a crewmember to the Greyhound depot in Dryden or directly to the ALS Chemex preparation facility in Thunder Bay, Ontario. To the authors' knowledge, laboratory sample pulps, rejects and assay certificates are kept in secure locations for future reference, security and legal requirements.

The author J. Garry Clark hand delivered the three selected check samples to the Activation Laboratory in Thunder Bay.

12.0 Data Verification

Historical data from Lun-Echo Gold Mines, Selco Mining Corporation, Tantalum Mining Company of Canada and Corona Gold Corporation has been incorporated into this report. The historical data reviewed and used are referenced and considered by the authors to represent the best standards and practices of the industry at the time.

Due to recent re-emergence of interest in lithium and other rare-metals, as on the current Property, there was a need for due diligence on analytical accuracy and reproducibility of these metals in commercial laboratories, such as at ALS Chemex. Thus, sample pulps were submitted to the well-regarded Geoscience Laboratory of Ontario Geological Survey in Sudbury, Ontario that has had long-term experience in dealing with the analysis of rare-metals. The results obtained from both laboratories are comparable although the OGS samples tend to be systematically higher which may possibly be due to incomplete digestion of spodumene and possibly tourmaline by the four-acid combination method. Table 10 and Figure 16 summarize this trend.

Table 10 Comparison of ALS and OGS assay values for lithium

Sample Number	ALS Chemex Li (ppm)	OGS Li (ppm)	Mean (ppm)	Difference (ppm)	Difference (%)
34714	394	414	404	10	5
34715	38.9	33	36	3	-16

Sample	ALS	OGS Li	Mean	Difference	Difference
34716	287	276	282	6	-4
34719	1500	1676	1588	88	11
34720	4020	4402	4211	191	9
34721	6520	7405	6963	443	13
34722	5970	6976	6473	503	16
34723	3620	4166	3893	273	14
34724	3890	4416	4153	263	13
34725	4670	5322	4996	326	13
34726	6410	7898	7154	744	21
34730	7790	8923	8357	567	14

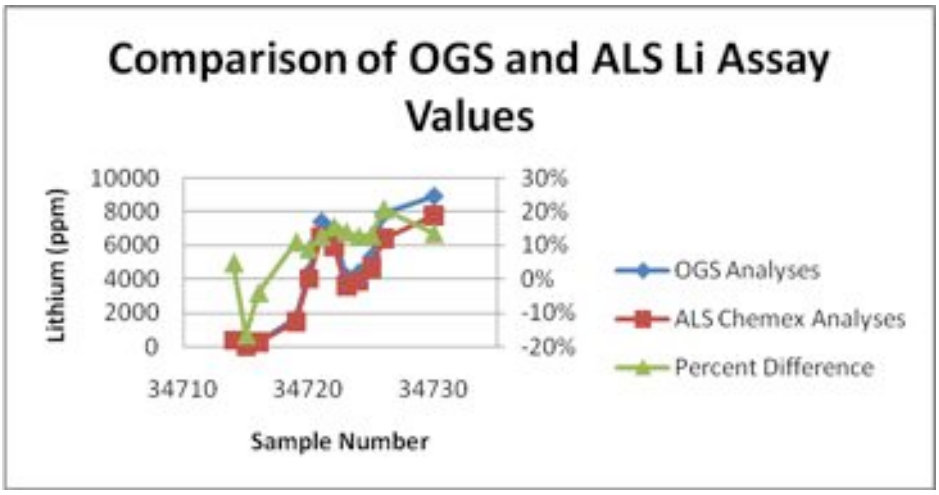


Figure 20 Graphic comparison of lithium values obtained from the OGS and ALS laboratories.

Table 11 Sample Analysis Comparison

	Activation Labs Sample H372685	ALS Chemex Sample H372685	Activation Labs Sample H372725	ALS Chemex Sample H372725	Activation Labs Sample H372727	ALS Chemex Sample H372727
Li (ppm)	36	46.2	7470	7700	4490	4200
Ta (ppm)	399	446	75.4	71.5	157	151.5

13.0 Adjacent Properties

There are no past or presently producing rare metal mines in the area, although there are several occurrences/showings of merit on mineral properties in the area held by other individuals and mining/exploration companies. A lithium deposit, containing a historical **(non-NI 43-101 compliant)** resource of 500,000 tons @ 1.0% Li_2O, occurs on the adjacent Fairservice claims (Storey 1990, p. 153). ***This historical resource estimate was calculated prior to the implementation of NI 43-101 standards therefore it is not current and should not be relied upon***. The QP is not able to verify the historical estimates of average grades and tonnage for the adjacent Fairservice property and that on the Tanco Pegmatite also situated within the Superior geological province. As such, these historical data are not necessarily indicative of lithium mineralization exposed on the Mavis Lake Property. Furthermore, it is cautioned that rare-metal pegmatites of the Dryden pegmatite field adjacent to the Mavis Lake Property individually vary in terms of pegmatite type, modal mineralogy, grain size, internal zonation of rock units and Li_2O content and therefore the lithium mineralization on the Mavis Lake Property may or may not compare with other lithium pegmatites of the area.

The style and setting of the rare metal mineralization on the Property is almost identical to the Fairservice claims. On both properties, the rare-metal mineralization, which is associated with albite-spodumene- and albite-type pegmatites with lithium, tantalum and beryllium, is genetically linked with the parent, peraluminous, S-type, Ghost Lake batholith (GLB). The pegmatites on both properties occur as swarm of flat-lying and near vertical dikes hosted mostly by the mafic metavolcanic country rocks.

Other granite pegmatite-associated mineralization, such as the 'emerald' and 'tungsten' occur 5-7 km west of the Property. These occurrences are hosted within the mafic metavolcanic host rocks near the GLB contact. The emerald/green beryl mineralization, popularly known as the "Taylor Emerald occurrence", occurs within intensely metasomatized pegmatites along the contact with a meta-ultramafic unit.

D. Petrunka discovered tungsten mineralization near Sharpe Lake in the late 1960s, which was later evaluated by Noranda Mines Limited. In 1982 Sanmine Exploration Inc. explored the Petrunka showing and adjacent area by extensive trenching and diamond drilling programs. The main showing revealed a historical value of 0.095 wt% WO_3 over 3.5 metres (Breaks and Janes 1991).

Other significant rare metal mineralization occurs in the Gullwing and Tot lakes areas, located about 10-15 km northeast of the Property. The rare metal pegmatites, which occur as clusters in this area, have been named the "Gullwing-Tot lakes pegmatite group (GTG) by Breaks and Janes (1991). In addition to rare metal mineralization, such as Li, Ta, Cs and Rb, some of the pegmatites of this group are also mineralized with molybdenum (Mo), copper (Cu) and bismuth (Bi).

14.0 Interpretation and Conclusions

Rare-metal mineralization in the Superior Province is spatially associated with peraluminous, two-mica, granitic and pegmatitic plutonic complexes that were derived through partial melting of a clastic metasedimentary progenitor followed by substantial geochemical evolution of the derivative granitic melts (Breaks et al. 2005). The Mavis Lake pegmatite group in the Dryden field provides one of the best examples of a genetic linkage between peraluminous S-type granites and rare-metal mineralization in northwestern Ontario (Breaks and Moore 1992; Breaks et al. 2005).

The Mavis Lake pegmatite group, the eastern part of which is the focus of current exploration efforts of the company, additionally provides a good example of regional zonation amongst constituent members of pegmatite types and subtypes of the LCT-geochemical family of Černý (1991). A progressive evolution in degree of geochemical fractionation and mineral assemblages of these pegmatite types and subtypes with respect to increasing distance from the contact of the parent fertile granite is well documented (Breaks 1989; Breaks and Moore 1992):

Beryl-bearing pegmatitic granite units in the GLB →external beryl-type pegmatite zone→albite-spodumene-type pegmatite zone→albite-type pegmatite zone.

The albite-spodumene-type pegmatites contain the highest concentration of lithium of any pegmatite type and these large tabular bodies can achieve dimensions up to 90 metres in thickness and 1 kilometre in strike length (Černý 1989a). Historical measured plus indicated reserves can total up to 26 million tonnes grading 0.7% wt Li_2O as documented at the Kings Mountain deposit in the tin-spodumene belt of North Carolina that was formerly mined by Foote Minerals Company (Kunasz 1982). This deposit was mined for chemical and ceramic spodumene, and mixed feldspar, quartz and mica products.

Pegmatite 18 represents the largest example of this type on the property, and occurs as a system of stacked, flat-lying, en-echelon pegmatite sheets

with a minimum strike length of 240 m and thickness of least 2.5 m for the largest sheet. This pegmatite is open in all directions.

Albite-type pegmatites are considerably scarcer in the geologic record but represent extremely evolved systems (Černý 1989a) that may contain economically important tantalum concentrations. Examples include the Wodgina Main Lode and Mount Cassiterite deposits of Western Australia that respectively have historical proven and probable reserves of 0.402 Mt @ 0.128 wt.% Ta_2O_5 and 63.5 Mt @0.037 wt.% Ta_2O_5 (Fetherston 2004). The QP is not able to verify the historical estimates of average grades and tonnage for the Wodgina Main Lode and Mount Cassiterite deposits.. As such, these historical data are not necessarily indicative of tantalum mineralization exposed on the Mavis Lake Property. Furthermore, it is cautioned that rare-metal pegmatites of the albite-type situated elsewhere, as at the Wodgina Main Lode and Mount Cassiterite deposits, may individually vary in terms of modal mineralogy, grain size, internal zonation of rock units and Li_2O and Ta_2O_5 contents. Therefore mineralization on the Mavis Lake Property may or may not compare with deposits at the Wodgina Main Lode and Mount Cassiterite.

A swarm of these pegmatites occurs within a minimum area of 500 by 800 m on the Property and consist of sodic aplite and albitite mineralized with tantalite, columbite, wodginite, white beryl and local green lithium tourmaline and amblygonite-montebrasite series minerals. TNR has recently documented maximum levels of Ta_2O_5 (1349 ppm), Cs_2O (1537 ppm) and Rb_2O (1.0 wt.%) on the property to date in northwestern Ontario (TNR Gold Corp. News-Release - December 9, 2009). These rock types can also occur in highly fractionated, complex-type, petalite-subtype pegmatites as exemplified by the Tanco deposit in southeastern Manitoba where the tantalum mineralization is associated in part with layered to massive sodic aplite (Černý 1991; Černý 2005).

Intense alteration of the mafic metavolcanic host-rocks due to interaction with pegmatite-forming fluids led to pervasive tourmaline and anomalous bulk rock concentrations of Li, Rb, and Cs within an extensive geochemical anomaly. This anomaly can be traced at least 7 km through the entire regionally zone progression of pegmatite zones in the MLG and varies in 100-700 m in breadth extent. Within the beryl-type pegmatite zone situated to the west of the company's property, the lithium dispersion zones within the Brownridge metavolcanics are related to holmquistite-bearing, lithium-rich high strain zones with albitites and also to sheets of tourmalinite where Li and Cs values up to 1820 ppm and 332 ppm, respectively, were documented (Breaks and Janes 1991, Anthony 2004).

The Property, which contains a swarm of albite-spodumene- and albite-type pegmatites with potential for lithium and tantalum mineralization, requires further delineation for both surface and blind rare-metal pegmatite bodies.

The exploration program undertaken by TNR Gold Corporation featured variable

densities of bedrock grab and channel samples (Figures 13, 14a, 14b and 15). High density grab sampling was undertaken at a spacing of 25 m on a cut grid with the purpose of verifying and extending historical lithium lithogeochemical anomalies in mafic metavolcanic host-rocks to lithium mineralization by Selco Incorporation (Pryslak 1981) and Tanco Exploration (Vanstone 1982). As lithium lithochemical anomalies in peer-reviewed literature can be extensive (Černý 1989b), the 25 m sample spacing is considered by the authors to be very adequate in the delineation of previously unknown lithium bedrock anomalies and detection of new anomalies.

Grab samples collected outside the cut grid in the southern and southwestern parts of the claim-group were taken at generally lower densities and more variable spacing compared to those from the grid. This work was mainly of reconnaissance scale only and intended to obtain preliminary chemical data at and adjacent to known rare-element-bearing pegmatites and sodic aplites. The sampling was mainly confined to five clusters (Figures 14a and 14b) with sample spacing summarized below proximal to specific pegmatites:

- Pegmatite 14: 35 grab samples with 5 to 250 m spacing
- Pegmatite 17: grab samples with 10 to 60 m spacing
- Pegmatite 18: 10 to 50 m spacing
- Pegmatite 19: 35 grab samples with 5 to 250 m spacing
- RVL pegmatite: 14 grab samples with 2 to 100 m spacing
- Unnamed pegmatites centred around sample locality H37264: 10 grab samples with 2 to 170 m spacing.

Large parts of the claim-block, as in the northeast, east and southeast beyond the cut grid and in the southeast did not receive any sampling due to time and weather constraints.

It is concluded that a systematic approach of exploration, which comprises rare-metal lithochemistry (Li, Cs and Ta) in the host

Brownridge metavolcanic rocks coupled with geological and structural mapping and definitive mineralogical work in the rare-metal pegmatites bodies, be continued. This is particularly important with respect to the highly evolved albite-type pegmatites as the fine grain size has likely resulted in these pegmatites being completely overlooked in the historical exploration work.

15.0 Recommendations

Based upon the positive exploration results achieved by the company to date, an aggressive two phase $560,450 exploration program is recommended in order to further evaluate the lithium and other rare metals (Ta, Cs, Rb) potential of the Property:

1. An exploration program, consisting of expansion of the existing grid so that litho-structural mapping, prospecting, and lithogeochemical sampling of pegmatites and country rocks to be continued to the east, south and north of the grid. This work would potentially increase the strike length of the lithium lithogeochemical anomaly from the currently known length of 4.7 km, and may also help in discovering more rare-metal bodies in underexplored areas in the east and southeast parts of the claim block.

2. Mineralogical evaluation work: verification and composition data for tantalum-bearing minerals and important exploration indicator minerals (beryl, K-feldspar and muscovite) from the albite-spodumene and albite-type pegmatites via electron microprobe analysis.

3. A small first phase of diamond drilling program, totaling 1500 metres, is recommended to be initiated, both in parallel, and subsequent to other field work, in the areas of known lithium and rare-metal pegmatites. This drilling program will potentially test the extent of the known rare-metal pegmatites (e.g., Pegmatites 11, 17 and 18), both laterally and at depth.

4. A second phase of diamond drilling program be planned and executed, depending upon the favourability of the results obtained from the Phase I exploration program.

15.1 Budget

In order to implement recommendations made in the preceding section, the following estimated budget in two phases is recommended for advancing the property to the next level. Some of the breakdowns of the exploration/development costs are listed below.

15.1.1Phase I

GIS data Compilation (15 days)	$10,000
Grid Construction (selected areas)	$20,000
Ground Magnetic Survey (selected areas)	$12,000
Geological/structural Mapping (30 days – 2 geologists & 2 geotechnicians)	$60,000
Supervision	$10,000
Meals and Accommodation	$25,000
Transportation (Vehicles & Airfares), Fuel and Supplies	$15,000
Geochemical Analysis (assay/whole rock)	$15,000
Petrography and Electron Microprobe	$5,000
Report and Data Analysis	$15,000
Subtotal	187,000
Contingency (10%)	$18,700
Total Phase I	***$205,700***

15.1.2 Phase II

Drilling – 1500 m @ $160/m (all inclusive – rock coring, room and board, mob-demob, etc)	$240,000
1 Geologist and 2 geotechnicians	$35,000
Project Supervision	$7,500
Transportation (Vehicles & Airfares), Fuel and Supplies	$10,000
Assaying	20,000
Reports and Maps	$10,000
Subtotal	322,500
Contingency (10%)	$32,250
Total Phase II	***$354,750***
GRAND TOTAL (Phase I & II)	***$5560,450***

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17.0 Appendix 1 – Sample Descriptions

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372601	ROCK	Pegmatite 13,14,16 area	526230	5517965	Peg/Aplite dyke	White-vitreous Bull qtz with 15% radiating <1cm oval-round disseminated black tourmaline.Tourmaline also as selvages along contacts.
H372602	ROCK	Pegmatite 13,14,16 area	526230	5517965	Peg/Aplite dyke	White-pink aplite with 70% feldspars and 25% qtz; <5% disseminated black subhedral mm tourmaline<5% disseminated black subhedral mm tourmaline.
H372603	ROCK	Pegmatite 13,14,16 area	526195	5517965	Peg/Aplite dyke	Pink fine-coarse grained pegmatite with 60-70% feldspars and 30-40% qtzand <2% disseminated cyrtalline tourmaline <5mm
H372605	ROCK	Pegmatite 13,14,16 area	526310	5517823	Siltstone	Inter-laminated/bedded dark black-gray vfg mudy siltstoneweak-mod limonitic staining. Crystalline vitreous <0.5cm qtz blebs elongatedalong foliation also in fractures. With associated brassy py trace.
H372606	ROCK	Pegmatite 13,14,16 area	526359	5517899	Tourmaline selvage	Jet black aphanitic Tourmaline <2.5cm wide sheet in contact with Gabbro.Along contact is tr mm coxcomb crystal growth <0.5cm the remaining is massive Tour.Down slope are rare angular megacrystic Flds pegmatite boulders
H372607	ROCK	Pegmatite 13,14,16 area	526321	5518160	Meta-Sed	<1m wide black vfg meta sediment mudstone/argillite with 10% py and combined PyrrLight green siliceous aphanitic rock appear along contactsbetween I-Mv (NW) and Mv(SE). strong Lim staining.5% pyrrotite and strongly magnetic.
H372608	ROCK	Pegmatite 13,14,16 area	526179	5518218	Feldspar Dyke	Irregular oreintation. Feldsparpheric dyke medium gray ground-massbimodal feldspars 1-2mm 25% pink Feldspars <0.5cm 2-3%.
H372609	ROCK	Pegmatite 13,14,16 area	526212	5518000	Aplite	<20cm thick white-pink aphanitic aplite w/ rare <0.5cm gray local qtzand trace local crystalline black tourmaline <5mm.Contains tourmaline selvages along contacts
H372610	ROCK	Pegmatite 13,14,16 area	526049	5517970	Felds-qtz-peg. Dyke	Pink-white Feldspar-qtz Pegmatite. with 5-10% spodumene light yellow greenappears to be altering to micas, 60% Flds, 30% qtz.
H372611	ROCK	Pegmatite 13,14,16 area	526048	5517990	Pegmatite	Pink-off gray, Gray Flds qtz Pegmatite with 5% light green spodumene.60% Flds, 25% qtz with tourmaline selvages along contact.
H372612	ROCK	Pegmatite 13,14,16 area	526068	5517992	Pegmatite	Pink-gray qtz Feldspar Pegmatite irregular qtz clusters <3cm with subhedral 0.5cmgray Flds in aphantic pink matrix. Light green altered spod-mica 5-7%with 1-2% green micas. no visible spod crystals appears as white-light green<0.5cm wide irregular length smears around qtz-flds. Qtz 25%, Flds 60-70%
H372613	ROCK	Pegmatite 13,14,16 area	526021	5518033	Aplite	Pink-white aphanitic aplite with tourmaline selvagesand rare local cyrstalline tourmaline grouping with mm crystals
H372618	ROCK	MAVIS	525941	5518905	Pegmatite	large pink/grey felds crystals up to 3cm longsub-eu tourmaline crystals up to 5% in placesgreen tinged muscovite comprises up to 5%
H372619	ROCK	MAVIS	525949	5518902	Aplite Dyke	mica has green tinge; equigranular medium grained matrix w/ phenocrysts of kspar up to 1cm wideequigranular medium grained matrix w/ phenocrysts of kspar up to 1cm wide
H372620	ROCK	MAVIS	525968	5518887	Aplite Dyke	linear black mineral comprises up to 10% of matrix...up to 1cm long and 1mm wideblebs and horizons of qtz are bullish and white
H372623	ROCK	Pegmatite 17 area	525685	5518561	Pegmatite	crystals of grey/pink feldspar up to 2x3 cmmica has green-lime green huegrey felds possibly amblygonite??
H372624	ROCK	Pegmatite 17 area	525690	5518569	Pegmatite	same dyke as last sample, but green hued mica much more prevalent herecrystals of grey/pink feldspar up to 2x3 cmgrey felds possibly amblygonite??
H372625	ROCK	Pegmatite 17 area	525707	5518577	Pegmatite	both pink and grey felds (amblygonite??) up to 1x2 cmspod crystals up to 1x3cm
H372626	ROCK	Pegmatite 17 area	525708	5518596	Pegmatite	pink/grey felds up to 1x1 cm, exterior of dyke is pink/cream colored
H372627	ROCK	Pegmatite 17 area	525715	5518594	Pegmatite	tourmaline horizon up to 10% of samplefine grained creamy white matrix...albite?grey/pink felds up to 1x1 cm
H372628	ROCK	Pegmatite 17 area	525714	5518607	Pegmatite	sub-eu tourm. Crystals up to 5% of samplespod crystals up to 5x10 cmfelds is mostly pink
H372629	ROCK	Pegmatite 17 area	525735	5518605	Aplite Dyke	subhedral apatite crystals up to 1% of samplesub-eu tourmaline crystals up to 5% in placesfine grained matrix has 'sugary' appearence
H372630	ROCK	Pegmatite 17 area	525742	5518664	Pegmatite	sudhedral apatite crystals less than 1%large grey felds up to 2x3cm

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372651	ROCK	Pegmatite 15 area	525780	5517907	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, weak hematite stainingMafic volcanic host rock
H372652	ROCK	Pegmatite 15 area	525814	5517950	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, mod. hematite stainingMafic volcanic host rock
H372653	ROCK	Pegmatite 15 area	525871	5518130	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, weak hematite stainingwhite to grey smokey qtz
H372654	ROCK	Pegmatite 15 area	525861	5518156	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ 1-2%??
H372655	ROCK	Pegmatite 15 area	525846	5518146	Aplite Dyke	aplite dyke, homogeneous, 1-3mm crystals, anhedral smokey qtz.
H372656	ROCK	Pegmatite 15 area	525838	5518152	Aplite Dyke	aplite dyke, homogeneous, 1-3mm crystals, anhedral smokey qtz.
H372657	ROCK	Pegmatite 15 area	525780	5518088	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ ~3%??
H372658	ROCK	Pegmatite 15 area	525785	5518092	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ ~3%??
H372659	ROCK	Pegmatite 15 area	525782	5518084	Mafic Meta Volc	Beige to pink felsic bands, Infused fluids with felsic apperance
H372660	ROCK	Pegmatite 15 area	525775	5518076	Mafic Meta Volc	Beige to pink felsic bands, Infused fluids with felsic apperance
H372678	ROCK	Pegmatite 11 &12 area	524873	5517590	Aplite Dyke	trace unknown black mineral, tourmaline35 cm at widest point followed on strike for 35-40 meters
H372679	ROCK	Pegmatite 11 &12 area	524873	5517580	Aplite Dyke	trace unknown black mineral, tourmaline; taken from same dyke as previous samplesame dyke as last sample, taken further S
H372680	ROCK	Pegmatite 11 &12 area	524828	5517451	Pegmatite	patches of deep oxidization up to 3mm scattered in sampleup to 35 cm wide, followed on strike for 20 meters
H372681	ROCK	Pegmatite 11 &12 area	524827	5517449	Pegmatite	patches of deep oxidization up to 3mm scattered in sample~3% unknown black mineral, trace apatite in samplesame dyke as last, taken further south
H372682	ROCK	Pegmatite 11 &12 area	524841	5517448	Aplite Dyke	deep weathered spots of Garnets? Trace apatite.up to 20 cm at widest, folowed on strike for 25 meters
H372683	ROCK	Pegmatite 11 &12 area	524840	5517442	Aplite Dyke	pervasive green hue in core with iron stringers. Unknown trace black mineralssugary texturesame dyke as last, taken further south
H372684	ROCK	Pegmatite 11 &12 area	524848	5517450	Pegmatite	1 cm long spog crystals in sample, light greenish hue in core as patchessugary textureup to 15 cm at widest, followed on strike for less than 10 m
H372685	ROCK	Pegmatite 11 &12 area	524850	5517448	Aplite Dyke	weak greenish hue in samplesame dyke as last sample, taken further S
H372686	ROCK	Pegmatite 11 &12 area	514852	5517438	Pegmatite	vugs of crystal growth as light brown to brown colour 2-3mm vugsapatite trace amountsup to 15 cm at widest, followed on strike for less than 10 m
H372687	ROCK	Pegmatite 17 area	525667	5518484	Aplite Dyke	light cream in colour with sugary texturewidth of dyke sampled is 80 cmsampled along aplite dyke where cropping on surface.
H372688	ROCK	Pegmatite 17 area	525668	5518509	Aplite Dyke	light cream in colour with sugary texturewidth of dyke sampled is ~2.0m
H372689	ROCK	Pegmatite 17 area	525686	5518505	Aplite Dyke	light pink in colour with sugary texturewidth of dyke sampled is ~2.5m~1% of unknown deep reddish mineral
H372690	ROCK	Pegmatite 17 area	525703	5518522	Aplite Dyke	light brown in colour with sugary texturewidth of dyke sampled is ~4.0m~1% of unknown deep reddish mineral
H372692	ROCK	Pegmatite 17 area	525721	5518517	Aplite Dyke	light brown in colour with sugary texturewidth of dyke sampled is ~4.0m~1% of unknown deep reddish mineral
H372693	ROCK	Pegmatite 17 area	525732	5518489	Aplite Dyke	increased grain size of feldspar up to 5mm with sugary texture of groundmass, pinkish colourwidth of dyke sampled is ~5.0m
H372694	ROCK	Pegmatite 17 area	525751	5518509	Peg boulders	Angular boulders at end of this dyke terminating at vertical face with no continuation to be foundAngular boulders up to 45cmmed to course gr. Feldspar, 1 cm, light pink
H372695	ROCK	Pegmatite 17 area	525658	5518521	Pegmatite	course grained Peg dyke with feldspar up to 1cmwidth of dyke sampled is ~30 cm~10% of unknown deep reddish mineral
H372701	ROCK	Pegmatite 17 area	525649	5518503	Peg/aplite	sugary massive matrix in placesdyke has slivers of volcanics within it0.25 m wide, exposed on strike for 1 m
H372702	ROCK	Pegmatite 17 area	525663	5518515	Pegmatite	anhedral apatite crystals < 1% up to 2mm clusters1 m wide and exposed along strike for 2 m

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372702	ROCK	Pegmatite 17 area	525663	5518515	Pegmatite	anhedral apatite crystals < 1% up to 2mm clusters1 m wide and exposed along strike for 2 m
H372703	ROCK	Pegmatite 17 area	525670	5518527	Pegmatite	anhedral apatite crystals < 1% up to 2mm clusters0.5 m wide, exposed for 1m along strike
H372704	ROCK	Pegmatite 17 area	525672	5518544	Peg/aplite	fine - med grained crystals, very sugary in places0.5 m wide, exposed for 1m along strike
H372705	ROCK	Pegmatite 17 area	525687	5518531	Pegmatite	feldspars are grey and pink, up to 1x1cm1 m wide, exposed 1 m along strike
H372706	ROCK	Pegmatite 17 area	525674	5518528	Peg/aplite	tourmaline selvage up to 20 % of rockqtz most likely present, but very fine grained..could not positively identify0.5 m wide, exposed for 1 m along strike
H372707	ROCK	Pegmatite 17 area	525685	5518553	Pegmatite	wisps of tourmaline near contact of dykeup to 1 m wide and exposed for 5 m along strike
H372708	ROCK	Pegmatite 17 area	525669	5518637	Pegmatite	tourmaline sub-eu up to 5%up to 1 m wide and exposed for 1 m along strike
H372709	ROCK	Pegmatite 17 area	525696	5518647	Pegmatite	tourmaline up to 10%exposed 1 m x 1m
H372710	ROCK	Pegmatite 17 area	525703	5518562	Pegmatite	pink and grey feldspars up to 2x2 cmexposed 1m wide and 5 m along strike
H372711	ROCK	Pegmatite 17 area	525704	5518568	Pegmatite	pink and grey feldspars up to 1x1 cmqtz is blebbyexposed 3 m wide and 2 m along strike
H372712	ROCK	Pegmatite 17 area	525721	5518586	Pegmatite	pink feldspar up to 1x1 cmup to 0.75 cm wide exposed 10m along strike
H372714	ROCK	Pegmatite 17 area	525604	5518659	Pegmatite	up to 70% tourmaline, sub-euhedralpeg is less than 2cm wide
H372715	ROCK	Pegmatite 17 area	525698	5518538	Peg/qtz vein	feldspar and some qtz epi-altered..epi makes up 5 % of samplepeg less than 5 cm wideqtz vein parallels peg dyke..in sample
H372716	ROCK	Pegmatite 17 area	525742	5518591	Pegmatite	tourmaline up to 15% of sample0.75 m wide and exposed 4 m along strike
H372717	ROCK	Pegmatite 17 area	525729	5518679	Pegmatite	spod is sporadic, not consistent in sample1 m wide and exposed for 5 m along atrike
H372718	ROCK	Pegmatite 17 area	525721	5518688	Pegmatite	same dyke as last sample, but beginning to pinch out and no visible spod0.5 m wide and exposed for 4 m along strike
H372721	ROCK	Pegmatite 17 area	525919	5518790	Pegmatite	0.75 m wide and exposed 2 m along strike
H373035	ROCK	SimonÆs Showing	526414	5519215	Peg/Aplite dyke	Pink pegmatite with 10% green spodumene cyrtsals 1-2cm widewith grey k-spar and green mica
H373036	ROCK	SimonÆs Showing	526412	5519215	Peg/Aplite dyke	Pink aplite no large crystals visible 0.5% blue apatite local green mica with increased qtz.
H373037	ROCK	SimonÆs Showing	526410	5519210	Peg/Aplite dyke	Pink to red peg 2% green mica 10-15% qtz 5-10% grey k-spar
H373038	ROCK	SimonÆs Showing	526409	5519212	Peg/Aplite dyke	Red and gray peg grey k-spar
H373039	ROCK	SimonÆs Showing	526406	5519215	Peg/Aplite dyke	Pink aplite trace blue apatite
H373041	ROCK	SimonÆs Showing	526412	5519218	Peg/Aplite dyke	Pink aplite and peg with green mica
H373042	ROCK	SimonÆs Showing	526410	5519220	Peg/Aplite dyke	Light Pink aplite with tourmaline selvages some larger qtz crystals 5% green Beryl??
H373043	ROCK	Pegmatite 13,14,16 area	526296	551799	Peg/Aplite dyke	Trace blue apatite coarser than sample H373044 aplitic to pegmatitic
H373044	ROCK	Pegmatite 13,14,16 area	526296	551799	Peg/Aplite dyke	Mostly aplitic with 10-15% coarse qtz up to 1cm some coarse K-sparrare tourmaline crystals to 1cm long subtle light green hue
H373045	ROCK	Pegmatite 13,14,16 area	525975	5517949	Peg/Aplite dyke	Blades of spod locally abundant sampled spod replaced by fine white mineralsw/ pink hue in places and qtz? (qtz replacement of spod peg?)blocky feldspars in places to a few cm wide
H373046	ROCK	Pegmatite 13,14,16 area	525975	5517949	Peg/Aplite dyke	Tourmaline along partings parallel to contact and selvages. Aplitic in places.
H373047	ROCK	Pegmatite 13,14,16 area	526050	5517960	Peg/Aplite dyke	Pink Pegmatite with late qtz veining tourmaline with crystals to 1cm longtourmaline is located along parting s within pegmatite pegmatite trends 260/10
H373048	ROCK	Pegmatite 13,14,16 area	526325	5518000	Peg/Aplite dyke	White-pink aplite with 40-60% qtz and 40% weak-moderate crystal formed K-sparwith <2% irregular localized mm tourmaline and selvages along contacts.Irregular orientation <30cm wide.

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H373049	ROCK	Pegmatite 13,14,16 area	526249	5517951	Peg/Aplite dyke	White aplite with aphanitic feldspar matrix and coarse grained vitreous qtz.trace sky blue apatite.Tourmaline also as selvages along contacts.

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372601	GRAB	Pegmatite 13,14,16 area	526230	5517965	Peg/Aplite dyke	White-vitreous Bull qtz with 15% radiating <1cm oval-round disseminated black tourmaline. Tourmaline also as selvages along contacts.
H372602	GRAB	Pegmatite 13,14,16 area	526230	5517965	Peg/Aplite dyke	White-pink aplite with 70% feldspars and 25% qtz and <5% disseminated black subhedral mm tourmaline.
H372603	GRAB	Pegmatite 13,14,16 area	526195	5517965	Peg/Aplite dyke	Pink fine-coarse grained pegmatite with 60-70% feldspars and 30-40% qtz and <2% disseminated cyrtalline tourmaline <5mm
H372605	GRAB	Pegmatite 13,14,16 area	526310	5517823	Siltstone	Inter-laminated/bedded dark black-gray vfg mudy siltstone weak-mod limonitic staining. Crystalline vitreous <0.5cm qtz blebs elongated along foliation also in fractures. With associated brassy py trace.
H372606	GRAB	Pegmatite 13,14,16 area	526359	5517899	Tourmaline selvage	Jet black aphanitic Tourmaline <2.5cm wide sheet in contact with Gabbro. Along contact is tr mm coxcomb crystal growth <0.5cm the remaining is massive Tour.Down slope are rare angular megacrystic Flds pegmatite boulders
H372607	GRAB	Pegmatite 13,14,16 area	526321	5518160	Meta-Sed	<1m wide black vfg meta sediment mudstone/argillite with 10% py and combined PyrrLight green siliceous aphanitic rock appear along contacts between I-Mv (NW) and Mv(SE). strong Lim staining. 5% pyrrotite and strongly magnetic.
H372608	GRAB	Pegmatite 13,14,16 area	526179	5518218	Feldspar Dyke	Irregular oreintation. Feldsparpheric dyke medium gray ground-mass bimodal feldspars 1-2mm 25% pink Feldspars <0.5cm 2-3%.
H372609	GRAB	Pegmatite 13,14,16 area	526212	5518000	Aplite	<20cm thick white-pink aphanitic aplite w/ rare <0.5cm gray local qtzand trace local crystalline black tourmaline <5mm. Contains tourmaline selvages along contacts
H372610	GRAB	Pegmatite 13,14,16 area	526049	5517970	Felds-qtz-peg. Dyke	Pink-white Feldspar-qtz Pegmatite. with 5-10% spodumene light yellow greenappears to be altering to micas, 60% Flds, 30% qtz.
H372611	GRAB	Pegmatite 13,14,16 area	526048	5517990	Pegmatite	Pink-off gray, Gray Flds qtz Pegmatite with 5% light green spodumene.60% Flds, 25% qtz with tourmaline selvages along contact.
H372612	GRAB	Pegmatite 13,14,16 area	526068	5517992	Pegmatite	Pink-gray qtz Feldspar Pegmatite irregular qtz clusters <3cm with subhedral 0.5cmgray Flds in aphantic pink matrix. Light green altered spod-mica 5-7% with 1-2% green micas. no visible spod crystals appears as white-light green <0.5cm wide irregular length smears around qtz-flds. Qtz 25%, Flds 60-70%
H372613	GRAB	Pegmatite 13,14,16 area	526021	5518033	Aplite	Pink-white aphanitic aplite with tourmaline selvages and rare local cyrstalline tourmaline grouping with mm crystals
H372614	GRAB	MAVIS	526125	5519036	Aplite Dyke	up to 5 % massive tourmaline; up to 1% an-subhedral apatiteqtz blebs up to 3cm diameterfine grained matrix has 'sugary' appearence
H372615	GRAB	MAVIS	526120	5519033	Aplite Dyke	very fine grained sugary matrix, cannot differentiate qtz and feldsparan-sub apatite crystals comprisse up to 1% of samplesmall patches of iron staining
H372616	GRAB	MAVIS	525914	5518887	Aplite Dyke	very medium grained sugary matrix, cannot differentiate qtz and feldsparqtz percentage in sample is from bleb/veins of bullish white qtz cutting through outcroptourmaline horizons are blotchy
H372617	GRAB	MAVIS	525926	5518885	aplite dyke	very medium grained sugary matrix, distinct differences of qtz and feldsparbullish white qtz less prevalent, but still present
H372618	GRAB	MAVIS	525941	5518905	Pegmatite	large pink/grey felds crystals up to 3cm longsub-eu tourmaline crystals up to 5% in placesgreen tinged muscovite comprises up to 5%
H372619	GRAB	MAVIS	525949	5518902	aplite dyke	mica has green tingeequigranular medium grained matrix w/ phenocrysts of kspar up to 1cm wide
H372620	GRAB	MAVIS	525968	5518887	aplite dyke	linear black mineral comprises up to 10% of matrix...up to 1cm long and 1mm wideblebs and horizons of qtz are bullish and white
H372621	GRAB	MAVIS	526270	5518815	Feldspar Dyke	feldspar phenocrysts up to 1cm largecrystalline equigranular matrix up to 2mm large of qtz felds and black mineralblack mineral appeares to be amphybolite, but not positive
H372622	GRAB	MAVIS	526365	5518794	Feldspar Dyke	feldspar phenocrysts up to 1cm largecrystalline equigranular matrix up to 2mm large of qtz felds and black mineralblack mineral appeares to be amphybolite, but not positive
H372623	GRAB	Pegmatite 17 area	525685	5518561	Pegmatite	crystals of grey/pink feldspar up to 2x3 cmmica has green-lime green huegrey felds possibly amblygonite??
H372624	GRAB	Pegmatite 17 area	525690	5518569	Pegmatite	same dyke as last sample, but green hued mica much more prevalent herecrystals of grey/pink feldspar up to 2x3 cmgrey felds possibly amblygonite??
H372625	GRAB	Pegmatite 17 area	525707	5518577	Pegmatite	both pink and grey felds (amblygonite??) up to 1x2 cm spod crystals up to 1x3cm
H372626	GRAB	Pegmatite 17 area	525708	5518596	Pegmatite	pink/grey felds up to 1x1 cmexterior of dyke is pink/cream colored
H372627	GRAB	Pegmatite 17 area	525715	5518594	Pegmatite	tourmaline horizon up to 10% of samplefine grained creamy white matrix...albite?grey/pink felds up to 1x1 cm
H372628	GRAB	Pegmatite 17 area	525714	5518607	Pegmatite	sub-eu tourm. Crystals up to 5% of samplespod crystals up to 5x10 cmfelds is mostly pink
H372629	GRAB	Pegmatite 17 area	525735	5518605	Aplite Dyke	subhedral apatite crystals up to 1% of samplesub-eu tourmaline crystals up to 5% in placesfine grained matrix has 'sugary' appearence
H372630	GRAB	Pegmatite 17 area	525742	5518664	Pegmatite	sudhedral apatite crystals less than 1%large grey felds up to 2x3cm
H372631	GRAB	Pegmatite 17 area	525758	5518624	Pegmatite	1-1.5m Pink-white megacrystic Pegmatite with aplite zonation on exterior <10cm with tourmaline selvages <1cm. (10%)-20% white subhedral-euhedral 2x1x4cm and larger spodumene. 10% vitreous qtz, <5% grey Fld, 2% light green micas, All crystals are <2cm, with micas <0.5cm, trace sky blue mm apatite.
H372632	GRAB	Pegmatite 17 area	525745	5518623	Pegmatite	Same as Previous spod is 5% 1x1x3cm white-green. Gray Fld can be up to 5x4cm(Ambygonite?).
H372633	GRAB	Pegmatite 17 area	525757	5518626	Pegmatite	2m wide brownish-green to pink megacrystic Albite-Pegmatite. Large green-white 1x1x3cm lath spodumene cyrstals 20%, <2% green-yellow micas, 10% 0.5cm qtz, 5% white-grey Fld <2cm and trace sky blue apatiteDisplays 3 main zonations within Pegmatite (view notes).
H372634	GRAB	Pegmatite 17 area	525770	5518640	Peg-Aplite	20-30cm Pink-white Pegmatite-Aplite. equigranular <0.5cm qtz 20% Feldspar 20% and 5% disseminated black mineral tantalite/columbite? with trace sky blue apatite. Two parallel dykes separated by <10cm Mv Anastamosing?

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372635	GRAB	Pegmatite 17 area	525770	5518640	Peg-Aplite	Same as previous with tourmaline selvages and no disseminated black minerals.Sits above previous 2 Peg-aplites. 20cm thick
H372636	GRAB	Pegmatite 17 area	525780	5518626	Aplite	50cm wide Pink-white aphanitic-fine grained aplite with tourmaline selvages.Bull qtz on it SE side.
H372637	GRAB	Pegmatite 17 area	525780	5518626	Quartz	50cm Bull qtz vein parallel/intermixed with pink aplite on its NW side.
H372638	GRAB	Pegmatite 17 area	525782	5518663	Aplite-Peg	20cm wide Pink-white coarse grained aplite-pegmatite dyke subhedral-euhedral <0.5cm Flds 30%, 5% fine grained mm black minerals tantalite/comubite? <1% sky blue mm apatite near contact margins with tourmaline selvages.
H372639	GRAB	Pegmatite 17 area	525782	5518653	Pegmatite	0.5m wide Pink-white-green equigranular Pegmatite dyke. subhedral crystals <0.5cm 30% qtz, 40% Fld, <2% lime green mica and 0.5cmx1cm light green spodumene. Refer to diagram
H372641	GRAB	Pegmatite 17 area	525782	5518653	Pegmatite	10-20cm Pink megacrystic Pegmatite. <2cm vitreous qtz 15%, 60% Flds4% black mineral tantalite/columbite? Refer to diagram
H372642	GRAB	Pegmatite 17 area	525780	5518626	Aplite-Peg	30-40cm Pink ground mass aplite-Pegmatite dyke with <3cm vitreous qtz 15% and 40% Flds, 2% black disseminated mm mineral tantalite/columbite? Trace soft silvery metallic is malleable with finger nail. Refer to Diagram.
H372643	GRAB	Pegmatite 17 area	525769	5518629	Aplite-Peg	Pink-white Aplite-Pegmatite coarse grained. <0.5cm qtz blebs 20%, <1% green-yellow mica trace possible spodumene. Dyke is exposed for 6m of that 4m is <40cm. Last 2m splits into two smaller dyklets <30cm combined
H372644	GRAB	Pegmatite 17 area	525732	5518635	Pegmatite	1.5m wide Pink megacrystic Pegmatite dyke. 15% vitreous qtz, 10% <2x3cmgray feldspar (amblygonite?) <0.5cm booklets 7-10% green yellow micas trace <0.5cm white Beryl? spodumene? Dyke exposed for 4m
H372645	GRAB	Pegmatite 17 area	525766	5518617	Aplite	Thin <3cm Pink-white albite aplite sheet with tourmaline selvage <0.5cm and 5% mm crystalline tourmaline
H372646	GRAB	Pegmatite 17 area	525708	5518568	Pegmatite	1-1.5m Pink-white coarse-fine grained Pegmatite. <1cm 30% vitreous qtz<0.5cm gray subhedral Flds with trace disseminated black mm minerals tantalite/columbite?
H372647	GRAB	Pegmatite 17 area	525718	5518581	Aplite-Peg	1.5m wide Pink Aplitic-Pegmatite. Aphanitic matrix with variable crystalline texture5% <1cm vitreous qtz blebs, 1% subhedral 1x2cm light green spodumene, 3% localized/disseminated <1cm black minerals tantalite/columbite?Trace <0.5cm clustered silvery soft metallic, molybdenite?
H372648	GRAB	Pegmatite 17 area	525761	5518672	Aplite-Peg	0.5m wide Pink aphanitic matrix aplite-pegmatite. <0.5cm equigranular qtz 15%grey Flds (Amblygonite?) 1%, 5% Light green spodumene, 20% Flds pink/white with <1% black mm crystals tantalite/columbite? exposed for 3m.
H372649	GRAB	Pegmatite 17 area	525735	5518602	Aplite	<0.5m Pink-white sugary texture albite aplite with 15% 2cm qtz blebs with <1% disseminated black minerals tantalite/columbite? trace sky blue apatite.
H372650	GRAB	Pegmatite 17 area	525719	5518663	Aplite	white-beige aplite sheet <4cm thick with subhedral <0.5cm 60% Fldsand tourmaline selvages.
H372651	GRAB	Pegmatite 15 area	525780	5517907	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, weak hematite stainingMafic volcanic host rock
H372652	GRAB	Pegmatite 15 area	525814	5517950	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, mod. hematite stainingMafic volcanic host rock
H372653	GRAB	Pegmatite 15 area	525871	5518130	Quartz	Bull qtz dyke with weak rusty hue, barren of sulphides, weak hematite stainingwhite to grey smokey qtz
H372654	GRAB	Pegmatite 15 area	525861	5518156	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ 1-2%??
H372655	GRAB	Pegmatite 15 area	525846	5518146	Aplite Dyke	aplite dyke, homogeneous, 1-3mm crystals, anhedral smokey qtz.
H372656	GRAB	Pegmatite 15 area	525838	5518152	Aplite Dyke	aplite dyke, homogeneous, 1-3mm crystals, anhedral smokey qtz.
H372657	GRAB	Pegmatite 15 area	525780	5518088	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ ~3%??
H372658	GRAB	Pegmatite 15 area	525785	5518092	Aplite Dyke	1-3 cm wide aplite dyke, homogeneous, tantalite-columbite minerals @ ~3%??
H372659	GRAB	Pegmatite 15 area	525782	5518084	Mafic Meta Volc	Beige to pink felsic bands, Infused fluids with felsic apperance
H372660	GRAB	Pegmatite 15 area	525775	5518076	Mafic Meta Volc	Beige to pink felsic bands, Infused fluids with felsic apperance
H372661	GRAB	Pegmatite 15 area	525902	5517925	Aplite Dyke	Epidote calcite altn with tourmaline sheets along selvage of aplitic dykesugary texture of sample, homogenous in nature
H372662	GRAB	Pegmatite 15 area	525807	5518027	Pegmatite	Pegmatite with ~ 3% unknown black mineral(possible Colombite/tantalite
H372663	GRAB	Pegmatite 15 area	525807	5518025	Pegmatite	patches of iron staining, smokey qtz as anhedral upto 1 cm.
H372664	GRAB	Pegmatite 15 area	525814	5518015	Pegmatite	Pegmatite with possible 10 to 15% spod crystals up to 4 cm, feldspar altered to albitegreen muscovite in sample
H372665	GRAB	Pegmatite 15 area	525814	5518013	Pegmatite	Pegmatite with possible 10 to 15% spod crystals up to 4 cm, feldspar altered to albitesame as H372664 green muscovite in sample
H372666	GRAB	Pegmatite 15 area	525732	5518046	Quartz	qtz veining with iron staining as patches in samplepatches of chlorite altn.
H372667	GRAB	Pegmatite 15 area	525721	5517977	Quartz	qtz veining with red oxidized iron staining as patches in samplepatches of chlorite altn.
H372668	GRAB	Pegmatite 15 area	525689	5518027	Aplite Dyke	strongly epidotized alplite dyke epidote replaces ground masstrace Py, tourmaline within qtz fragment
H372669	GRAB	Pegmatite 15 area	525578	5518020	Aplite Dyke	aplite dyke with weak iron staining
H372671	GRAB	Pegmatite 15 area	525616	5518023	Aplite Dyke	aplite dyke with trace to 1% tourmaline blades up to 1cm scattered in sample
H372672	GRAB	Pegmatite 15 area	525526	5517764	Quartz	aplite dyke with smokey qtz course in nature with greenish mica up to 2%pink feldspars
H372673	GRAB	Pegmatite 11 &12 area	525487	5517698	Aplite Dyke	aplite dyke with smokey qtz course in nature with greenish mica up to 2%up to 10 cm wide, followed on strike for 15 m from this location
H372674	GRAB	Pegmatite 11 &12 area	525526	5517766	Aplite Dyke	aplite dyke with trace unknown black mineralup to 25cm wide, followed on strike for 25 from this location
H372675	GRAB	Pegmatite 11 &12 area	525517	5517765	Aplite Dyke	aplite dyke with trace unknown black mineral, tourmaline at 1%, trace aplite???up to 25 cm wide, followed on strike for 10 m..parallel to last dyke
H372676	GRAB	Pegmatite 11 &12 area	525564	5517955	Aplite Dyke	aplite dyke with trace unknown black mineral, tourmaline at 1%5 cm at widest point, followed on strike for less than 10 m
H372677	GRAB	Pegmatite 11 &12 area	525119	5517603	Bull Qtz	Bull qtz with weak iron staining as patches
H372678	GRAB	Pegmatite 11 &12 area	524873	5517590	Aplite Dyke	trace unknown black mineral, tourmaline35 cm at widest point followed on strike for 35-40 meters

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372679	GRAB	Pegmatite 11 &12 area	524873	5517580	Aplite Dyke	trace unknown black mineral, tourmaline; taken from same dyke as previous samplesame dyke as last sample, taken further S
H372680	GRAB	Pegmatite 11 &12 area	524828	5517451	Pegmatite	patches of deep oxidization up to 3mm scattered in sampleup to 35 cm wide, followed on strike for 20 meters
H372681	GRAB	Pegmatite 11 &12 area	524827	5517449	Pegmatite	patches of deep oxidization up to 3mm scattered in sample ~3% unknown black mineral, trace apatite in samplesame dyke as last, taken further south
H372682	GRAB	Pegmatite 11 &12 area	524841	5517448	Aplite Dyke	deep weathered spots of Garnets? Trace apatite.up to 20 cm at widest, folowed on strike for 25 meters
H372683	GRAB	Pegmatite 11 &12 area	524840	5517442	Aplite Dyke	pervasive green hue in core with iron stringers. Unknown trace black mineralssugary texturesame dyke as last, taken further south
H372684	GRAB	Pegmatite 11 &12 area	524848	5517450	Pegmatite	1 cm long spog crystals in sample, light greenish hue in core as patchessugary textureup to 15 cm at widest, followed on strike for less than 10 m
H372685	GRAB	Pegmatite 11 &12 area	524850	5517448	Aplite Dyke	weak greenish hue in samplesame dyke as last sample, taken further S
H372686	GRAB	Pegmatite 11 &12 area	514852	5517438	Pegmatite	vugs of crystal growth as light brown to brown colour 2-3mm vugsapatite trace amountsup to 15 cm at widest, followed on strike for less than 10 m
H372687	GRAB	Pegmatite 17 area	525667	5518484	Aplite Dyke	light cream in colour with sugary texturewidth of dyke sampled is 80 cmsampled along aplite dyke where cropping on surface.
H372688	GRAB	Pegmatite 17 area	525668	5518509	Aplite Dyke	light cream in colour with sugary texturewidth of dyke sampled is ~2.0m
H372689	GRAB	Pegmatite 17 area	525686	5518505	Aplite Dyke	light pink in colour with sugary texturewidth of dyke sampled is ~2.5m~1% of unknown deep reddish mineral
H372690	GRAB	Pegmatite 17 area	525703	5518522	Aplite Dyke	light brown in colour with sugary texturewidth of dyke sampled is ~4.0m~1% of unknown deep reddish mineral
H372692	GRAB	Pegmatite 17 area	525721	5518517	Aplite Dyke	light brown in colour with sugary texturewidth of dyke sampled is ~4.0m~1% of unknown deep reddish mineral
H372693	GRAB	Pegmatite 17 area	525732	5518489	Aplite Dyke	increased grain size of feldspar up to 5mm with sugary texture of groundmass, pinkish colourwidth of dyke sampled is ~5.0m
H372694	GRAB	Pegmatite 17 area	525751	5518509	Pegmatite boulders	Angular boulders at end of this dyke terminating at vertical face with no continuation to be foundAngular boulders up to 45cmmed to course gr. Feldspar, 1 cm, light pink
H372695	GRAB	Pegmatite 17 area	525658	5518521	Pegmatite	course grained Peg dyke with feldspar up to 1cmwidth of dyke sampled is ~30 cm~10% of unknown deep reddish mineral
H372701	GRAB	Pegmatite 17 area	525649	5518503	Peg/Aplite dyke	sugary massive matrix in placesdyke has slivers of volcanics within it0.25 m wide, exposed on strike for 1 m
H372702	GRAB	Pegmatite 17 area	525663	5518515	Pegmatite	anhedral apatite crystals < 1% up to 2mm clusters1 m wide and exposed along strike for 2 m
H372703	GRAB	Pegmatite 17 area	525670	5518527	Pegmatite	anhedral apatite crystals < 1% up to 2mm clusters0.5 m wide, exposed for 1m along strike
H372704	GRAB	Pegmatite 17 area	525672	5518544	Peg/Aplite dyke	fine - med grained crystals, very sugary in places0.5 m wide, exposed for 1m along strike
H372705	GRAB	Pegmatite 17 area	525687	5518531	Pegmatite	feldspars are grey and pink, up to 1x1cm1 m wide, exposed 1 m along strike
H372706	GRAB	Pegmatite 17 area	525674	5518528	peg/aplite	tourmaline selvage up to 20 % of rockqtz most likely present, but very fine grained..could not positively identify0.5 m wide, exposed for 1 m along strike
H372707	GRAB	Pegmatite 17 area	525685	5518553	Pegmatite	wisps of tourmaline near contact of dykeup to 1 m wide and exposed for 5 m along strike
H372708	GRAB	Pegmatite 17 area	525669	5518637	Pegmatite	tourmaline sub-eu up to 5%up to 1 m wide and exposed for 1 m along strike
H372709	GRAB	Pegmatite 17 area	525696	5518647	Pegmatite	tourmaline up to 10%exposed 1 m x 1m
H372710	GRAB	Pegmatite 17 area	525703	5518562	Pegmatite	pink and grey feldspars up to 2x2 cmexposed 1m wide and 5 m along strike
H372711	GRAB	Pegmatite 17 area	525704	5518568	Pegmatite	pink and grey feldspars up to 1x1 cmqtz is blebbyexposed 3 m wide and 2 m along strike
H372712	GRAB	Pegmatite 17 area	525721	5518586	Pegmatite	pink feldspar up to 1x1 cmup to 0.75 cm wide exposed 10m along strike
H372714	GRAB	Pegmatite 17 area	525604	5518659	Pegmatite	up to 70% tourmaline, sub-euhedralpeg is less than 2cm wide
H372715	GRAB	Pegmatite 17 area	525698	5518538	Pegmatite/qtz vein	feldspar and some qtz epi-altered..epi makes up 5 % of samplepeg less than 5 cm wideqtz vein parallels peg dyke..in sample
H372716	GRAB	Pegmatite 17 area	525742	5518591	Pegmatite	tourmaline up to 15% of sample0.75 m wide and exposed 4 m along strike
H372717	GRAB	Pegmatite 17 area	525729	5518679	Pegmatite	spod is sporadic, not consistent in sample1 m wide and exposed for 5 m along atrike
H372718	GRAB	Pegmatite 17 area	525721	5518688	Pegmatite	same dyke as last sample, but beginning to pinch out and no visible spod 0.5 m wide and exposed for 4 m along strike
H372719	GRAB	Pegmatite 17 area	525742	5518686	Aplite-Peg	<10cm thick equigranular aplite-pegmatite <0.5cm qtz 30%, 60% Fld, 7% green mica, Black disseminated mm minerals tantalite/columbite? with tourmaline selvages
H372720	GRAB	Pegmatite 17 area	525816	5518814	Aplite	<1m Beige to white aplite small black mineral 5% tantalite/columbite?
H372721	GRAB	Pegmatite 17 area	525919	5518790	Pegmatite	0.75 m wide and exposed 2 m along strike
H372751	GRAB	Pegmatite 17-18 Trend	525930	5518780	Aplite-Peg	Pink-white aplite-pegmatite with 40% <1cm pink subhedral Flds, 20% <1cm vitreous qtz blebs and 10% lime green sugary textured semi mica Altered spodumen?
H372752	GRAB	Pegmatite 17-18 Trend	525960	5518976	Pegmatite	10-15% green brittle crystalline mineral replacement of spodumene pink and gray K-spar Pegmatite with yellow-green mica <1cm and 20% vitreous qtz blebsNear L-31E/2+75S
H372753	GRAB	Pegmatite 17-18 Trend	525959	5518932	Quartz	Bull qtz vein with trace py 10cm wide.
H372754	GRAB	Pegmatite 17-18 Trend	525958	5518948	Aplite	Orange aplitic dykelet <1cm wide with associated py which is concentrated along selvages and within dykelet.
H372755	GRAB	Pegmatite 17-18 Trend	525950	5518934	Aplite	<50cm 50% qtz, 50% pink-white fine grained aplite with 5% black disseminated mineral tantalite/columbite? Very irregular aplite/qtz blow out.
H372756	GRAB	Pegmatite 17-18 Trend	525983	5518894	Aplite	Pink Aphanitic Aplite with 10% <0.5cm groups of black crystalline mineralsoccasionally elongated along foliation tantalite/columbite?

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H372757	GRAB	Pegmatite 17-18 Trend	525947	5518885	Pegmatite	Albite qtz-spodumene going to mica Pegmatite 0.5-1m.Has 5% gray Flds, <2% black disseminated mineral tantalite/columbite.Displays a 20x10cm Glob of soft needle like black mineral holmquisite?
H372758	GRAB	Pegmatite area 19	526339	5518602	Aplite-Peg	Highly altered Pegmatite-Aplite. 40% light green-yellow spodumene altered to micas10% vitreous qtz, 2% sky blue apatite and trace black mm minerals tantalite/columbite? section sampled <10cm thick remnants of 1.5m wide dyke. view next sample
H372759	GRAB	Pegmatite area 19	526339	5518602	Aplite	Beige-green albite aplitic dyke 1.5m. 5% light green altered spodumene to micaand trace mm black mineral tantalite/columbite?
H372761	GRAB	Pegmatite area 19	526339	5518602	Pegmatite	Beige to gray megacrystic Pegmatite 1.5m. 15% vitreous qtz blebs, 20% Flds20% bladed/lath light green <2x0.5x4cm spodumene, trace sky blue mm apatiteand Black mm minerals tantalite/columbite?
H372762	GRAB	Pegmatite area 19	526357	5518653	Aplite-Peg	Pink Aplite-Pegmatite. 60% pink Flds and trace light green Beryl?<0.5cm crystalline tourmaline selvage. 10-20cm wide
H372763	GRAB	Pegmatite area 19	526373	5518673	Mafic Meta Volc	Mafic-Ultra Mafic meta-volcanics. Black aphanitic-fine grained with <1% disseminated py. Moderate limonitic weathering on fractured surfaces.Assay for Gold
H372764	GRAB	Pegmatite area 19	526405	5518501	Aplite	Pink Aplite <15cm dykelet with 25% qtz, 40% Flds. Thin tourmaline selvages.
H372765	GRAB	Pegmatite area 19	526240	5518501	Quartz	0.75cm Qtz veining with minor aplitic material disseminated <0.5cm clusters black-dark green mineral 10%? Assay for gold
H372766	GRAB	Pegmatite area 19	526264	5518513	Intermediate Volc	Pink-light green Aphanitic-vfg Intermediate volcanic. Assay for goldNear L-16E/93S (old grid Lithogechem stake)
H372767	GRAB	Pegmatite area 19	526440	5518541	Aplite-Peg	30-40cm wide white-beige albite aplite-pegmatite with 20% <3cm grey Flds and 10% <2cm qtz blebs. Thin tourmaline selvages.
H372768	GRAB	Pegmatite area 19	526514	5518535	Aplite	20cm wide Pink-white Aphanitic-fine grained aplite dyke. 2% green-yellow sugary micas-altered spodumene?5% black 0.5cm crystalline tourmaline.
H372770	GRAB	Pegmatite 17-18 Trend	525959	5518814	Qtz-Aplite	40cm qtz-aplite vein/dyke. Pink aphanitic dyke with 5% black tourmaline and 50% bull qtz, 30 aplite dyke and 10% remnant alt Mv
H372771	GRAB	Pegmatite 17-18 Trend	525962	5518824	Aplite	5-10cm pink aphanitic aplite dykelet. Has 0.5cm tourmaline selvages and 1cm wide tourmaline crystalline centre
H372772	GRAB	Pegmatite 17-18 Trend	525996	5518817	Aplite	Pink aphanitic aplite with 70% sub-parallel bull qtz veins. Thin tourmaline selvages interacting with qtz and aplite contacts 5% crystalline toutmaline.50cm combined width
H372773	GRAB	Pegmatite 17-18 Trend	526008	5518799	Feldspar Dyke	2m Feldsparpheric dyke looks aplitic in some places beige to brown Coarse grained equigranular.
H372774	GRAB	Pegmatite 17-18 Trend	526014	5518799	Feldspar Dyke	2m Feldsparpheric dyke looks aplitic in some places beige to brown Coarse grained equigranular.
H372775	GRAB	Pegmatite 17-18 Trend	525835	5518831	Aplite	White-beige fine-coarse grained albite aplite with 15% irregular clusters ofa Dark green mineral amphibole? and disseminated 5% vfg limonite specks.
H372776	GRAB	Pegmatite 17-18 Trend	525786	5518818	Aplite	Beige aphanitic-fine grained aplite with 5-10% Black-dark green mineral<0.5cm clusters Tantalite/columbite
H372777	GRAB	Pegmatite 11 &12 area	524890	5517491	Qtz-Aplite	20-50cm wide Bull qtz vein with 2% beige Aplite dyke materialAnd 2% remnant Mv. Assay for gold.
H372778	GRAB	Pegmatite 11 &12 area	524883	5517580	Qtz-Aplite	Dark-gray bull qtz vein with 5% aplite dykelets, 10% remnant Mv. 20cm wide.
H372779	GRAB	Roger Valley Liberal	524956	5517675	Pegmatite	20cm wide peg dyke. 15% crystalline altered spodumene-mica appearance still hard60% Flds, trace sky blue apatite.
H372781	GRAB	Roger Valley Liberal	524972	5517694	Pegmatite	3m Pink-greenish brown Coarse grained Pegmatite. Subhedral 0.5x1cm green altered spodumene 20%2% green-yellow micas, 40% Flds, trace apatite
H372782	GRAB	Roger Valley Liberal	524972	5517694	Pegmatite	Same as previous with 10% 1x4cm subhedral gray Flds and 20% <1cm qtz blebsand 5% spodumene. Just 3m on strike to the north of H372782.
H373001	GRAB	MAVIS	526648	5518479	MetaVolcanic	Pillows near by, heavily strained. Metamorphic coarsening of biotite.Py in diss assoc w/ dark clots of mafic minerals, also blebs along fx.Qtz-bi schist locally.Sample from boulder/subcrob adjacent to o/c (same rocks).
H373002	GRAB	MAVIS	526533	5518451	MetaVolcanic	Large (1-3m pillows) w/ adjacent pillow-top brx to N.Picture taken.
H373003	GRAB	MAVIS	526520	5518460	MetaVolcanic	Gy-bl. Aphanitic, up to 10% py in blebs locally.Weakly magnetic.
H373004	GRAB	MAVIS	526243	5518548	Pegmatite	Fine to coarse gn albite peg.1% combined blue apatite, black oxide minerals (Tantalite?), possible LiPO4.
H373005	FLOAT	MAVIS	526263	5518503	Ivolc	Metamorphic grain coarsening of bi, amp, chl to med gn.Amp in clusters.Lt bl may indicate holquistite.
H373006	FLOAT	MAVIS	526234	5518360	Pegmatite	Albite-spodumene pegmatie, very coarse-gn to mega crystic.3 cobbles: 20x20x20cm, 30x20x25cm, 10x10x10cm.Trace blue apatite, Trace black oxides (Tantalite?)
H373008	GRAB	MAVIS	526634	5518466	I-Fvolc	Intermediat to felsic tuff w/ barren qtz-vns that have lim staining.Py as diss. Fine-grained almandine gar. Chl is diss.O/c is 5m wide.
H373009	GRAB	MAVIS	526401	5518356	I-Fvolc	Intermediat to felsic tuff w/ barren qtz-vns that have lim staining.Py as diss. Fine-grained almandine gar. Chl is diss.O/c is 5m wide. Same o/c as H373008.Possible trace cpy.
H373010	GRAB	MAVIS	525965	5518979	Sodic Ap	0.5m width exposed. In contact with Ivolc. Grades into Pegmatite.Ksp-alb-qtz-tor peg, grading into aplite. Local minor spodumene along strike.Brown phosphate; Fe-Mn PO4 called sicklerite.
H373011	GRAB	MAVIS	525965	5518979	Granite	Trace oxide minerals (Nb-Ta).Coarse grained, not pegmatitic.
H373012	GRAB	MAVIS	525928	5519081	MetaVolcanic	MMV, hornblende-porphyroblastic, fg-mg
H373013	GRAB	MAVIS	525938	5519091	MetaVolcanic	MMV, plagioclase-porphyritic, fg-mg. Approx 2 m above uppermost spodumene pegmatite (sheet #1)
H373014	GRAB	MAVIS	525955	5519106	MetaVolcanic	MMV, strongly lineated, fg-mg, near footwall of pegmatite sheet #1
H373015	GRAB	MAVIS	525959	5519115	MetaVolcanic	MMV, strongly lineated, fg-mg, approx 2 m above hangwall of pegmatite sheet #2.
H373016	GRAB	MAVIS	525978	5519118	MetaVolcanic	MMV, strongly lineated, fg. Immediately below pegmatite sheet #2, 0-10 cm interval from contact.
H373017	GRAB	MAVIS	525987	5519127	MetaVolcanic	MMV, strongly lineated, fg-mg.0-5 cm below erosional remnant of pegmatite sheet updip from prior sample.
H373018	GRAB	MAVIS	526020	5519143	MetaVolcanic	MMV, fg-mg, strongly lineated and foliated near edge of bush

SAMPLE	SAMPLE_TYPE	AREA	EAST	NORTH	LITHOLOGY	DESCRIPTION
H373019	GRAB	MAVIS	525998	5519231	Pegmatite	Tourmaline-quartz-plagioclase pegmatite sheet
H373020	GRAB	MAVIS	526172	5519474	MetaVolcanic	Altered MMV, schistose, fg, strongly kinked, bluish cast. Near sample 34714 with 414 ppm Li
H373021	GRAB	North Mavis	526459	5520652	Metasediment	Interbands of str sil/bi/musc dev along foln.Lim on joints and weathered surfaces.
H373022	GRAB	North Mavis	526380	5520664	MetaVolcanic	Dev of amp and leucosome gives almost gabbroic texture.Upto 30cm thick mzd horizon with upto 20% blebby py.Horizon shows str sil/bch.
H373023	GRAB	North Mavis	526297	5520646	Aplite Dyke	F-gn salt and pepper dykelet. Poss not apatite, wk bi.Occus as sheet along subhorizontal joint plane.
H373024	GRAB	MAVIS SOUTH	526793	5519076	MetaVolcanic	Mod foln. Bch in patches. F to m-gn w/ mod amp dev.
H373025	GRAB	MAVIS SOUTH	526725	5519087	MetaVolcanic	Dk bl-gn, mod foln. Possible felsic clasts up to 15 cm long.
H373026	FLOAT	MAVIS SOUTH	526543	5520698	Sulphides	Blebby to semi-massive py w/ lesser po in bands.Qtz banding w/ wk dk sulphide.Lim and pits and along banding.
H373027	GRAB	MAVIS SOUTH	526494	5520671	MetaVolcanic	30cm thick horizon of albitization (bch) and sil. Mod-str perv sil w/ thin assoc qtz bands. Py in diss.
H373028	GRAB	MAVIS SOUTH	526707	5519098	MetaVolcanic	Dk gn, vf-gn. Mod foln.Cut by qtz-fls-tour peg dklet, ~20cm wide sub-parallel to foln.
H373029	GRAB	MAVIS SOUTH	526658	5519109	MetaVolcanic	Dk gn, mod foln. Vc-gn amphibolite.
H373030	GRAB	MAVIS SOUTH	526641	5519111	MetaVolcanic	Lim surface stains. Sil as vts w/ py in blebs.Dyking along foln; fls-tour.
H373031	GRAB	MAVIS SOUTH	526611	5519114	MetaVolcanic	Dk bl-gn, str foln.
H373032	GRAB	MAVIS SOUTH	526554	5519154	MetaVolcanic	Dk gn, mod foln. Py in diss. Aph to vf-gn.
H373033	GRAB	MAVIS SOUTH	526496	5519153	MetaVolcanic	Dk bl-gn, wk foln, m to c-gn amphibolite.Lim stains on surface.
H373034	GRAB	MAVIS SOUTH	526463	5519177	MetaVolcanic	Dk bl-gn aph to vf-gn, wk to mod foln, qtz-fls sweats.
H373035	GRAB	Simon's Showing	526414	5519215	Peg/Aplite dyke	Pink pegmatite with 10% green spodumene cyrtsals 1-2cm wide with grey k-spar and green mica
H373036	GRAB	Simon's Showing	526412	5519215	Peg/Aplite dyke	Pink aplite no large crystals visible 0.5% blue apatite local green mica with increased qtz.
H373037	GRAB	Simon's Showing	526410	5519210	Peg/Aplite dyke	Pink to red peg 2% green mica 10-15% qtz 5-10% grey k-spar
H373038	GRAB	Simon's Showing	526409	5519212	Peg/Aplite dyke	Red and gray peg grey k-spar
H373039	GRAB	Simon's Showing	526406	5519215	Peg/Aplite dyke	Pink aplite trace blue apatite
H373041	GRAB	Simon's Showing	526412	5519218	Peg/Aplite dyke	Pink aplite and peg with green mica
H373042	GRAB	Simon's Showing	526410	5519220	Peg/Aplite dyke	Light Pink aplite with tourmaline selvages some larger qtz crystals 5% green Beryl??
H373043	GRAB	Pegmatite 13,14,16 area	526296	551799	Peg/Aplite dyke	Trace blue apatite coarser than sample H373044 aplitic to pegmatitic
H373044	GRAB	Pegmatite 13,14,16 area	526296	551799	Peg/Aplite dyke	Mostly aplitic with 10-15% coarse qtz up to 1cm some coarse K-spar rare tourmaline crystals to 1cm long subtle light green hue
H373045	GRAB	Pegmatite 13,14,16 area	525975	5517949	Peg/Aplite dyke	Blades of spod locally abundant sampled spod replaced by fine white minerals w/ pink hue in places and qtz? (qtz replacement of spod peg?) blocky feldspars in places to a few cm wide
H373046	GRAB	Pegmatite 13,14,16 area	525975	5517949	Peg/Aplite dyke	Tourmaline along partings parallel to contact and selvages. Aplitic in places.
H373047	GRAB	Pegmatite 13,14,16 area	526050	5517960	Peg/Aplite dyke	Pink Pegmatite with late qtz veining tourmaline with crystals to 1cm long tourmaline is located along parting s within pegmatite pegmatite trends 260/10
H373048	GRAB	Pegmatite 13,14,16 area	526325	5518000	Peg/Aplite dyke	White-pink aplite with 40-60% qtz and 40% weak-moderate crystal formed K-spar with <2% irregular localized mm tourmaline and selvages along contacts. Irregular orientation <30cm wide.
H373049	GRAB	Pegmatite 13,14,16 area	526249	5517951	Peg/Aplite dyke	White aplite with aphanitic feldspar matrix and coarse grained vitreous qtz. trace sky blue apatite.Tourmaline also as selvages along contacts.
H373050	GRAB	Pegmatite 13,14,16 area	526249	5517942	Peg/Aplite dyke	Light grey-pink aphanitic to fine grained aplite with trace fine grained tourmaline and sky blue apatite. Tourmaline also as selvages along contacts.
H373413	FLOAT	MAVIS	525930	5519350	MetaVolcanic	Py is semi-massive and blebby. Lim as pits and stains.Rare coarse qtz xts. Likely part of a st.
H373414	FLOAT	MAVIS	525930	5519350	MetaVolcanic	Py is semi-massive and blebby. Some has peacock weathering. Py also replacing qtz in squished vesicles. Lim stains on surface. Angular c-gn qtz fragments, possibly milled.
H373472	GRAB	MAVIS SOUTH	526454	5519221	Pegmatite	Ksp-spod(?) peg dyke sheet along horizontal joint plane.

SAMPLE	SMPL_TYPE	AREA	EAST	NORTH	LITHOLOGY	NOTE1
H372696	Channel	Pegmatite 11	524871	5517455	MetaVolcanic	wall rock to pegmatite, sampled for leaching possibilities
H372696	Channel	Pegmatite 11	524871	5517455	MetaVolcanic	wall rock to pegmatite, sampled for leaching possibilities
H372697	Channel	Pegmatite 11	524871	5517455	Pegmatite	felds crystals up to 1x1 cm
H372697	Channel	Pegmatite 11	524870	5517455	Pegmatite	felds crystals up to 1x1 cm
H372697	Channel	Pegmatite 11	524871	5517455	Pegmatite	felds crystals up to 1x1 cm
H372697	Channel	Pegmatite 11	524870	5517455	Pegmatite	felds crystals up to 1x1 cm
H372699	Channel	Pegmatite 11	524868	5517457	Pegmatite	unknown massive green mineral makes up 5%
H372699	Channel	Pegmatite 11	524867	5517457	Pegmatite	unknown massive green mineral makes up 5%
H372700	Channel	Pegmatite 11	524867	5517457	Pegmatite	few feldspar crystals..sugary texture to matrix..aplite zoning?
H372700	Channel	Pegmatite 11	524867	5517457	Pegmatite	few feldspar crystals..sugary texture to matrix..aplite zoning?
H372722	Channel	Pegmatite 11	524867	5517457	MetaVolcanic	mafic volcanic wall rock
H372722	Channel	Pegmatite 11	524866	5517457	metalvol	mafic volcanic wall rock
H372723	Channel	Pegmatite 11	524877	5517478	Pegmatite	few feldspar crystals..sugary texture to matrix..aplite zoning?
H372723	Channel	Pegmatite 11	524876	5517478	Pegmatite	few feldspar crystals..sugary texture to matrix..aplite zoning?
H372724	Channel	Pegmatite 11	524876	5517478	Pegmatite	slight brecciated look to crystals
H372724	Channel	Pegmatite 11	524875	5517478	Pegmatite	slight brecciated look to crystals
H372725	Channel	Pegmatite 11	524875	5517478	Pegmatite	slight brecciated look to crystals
H372725	Channel	Pegmatite 11	524874	5517478	Pegmatite	slight brecciated look to crystals
H372726	Channel	Pegmatite 11	524874	5517478	Pegmatite	slight green hue to some spod crystals
H372726	Channel	Pegmatite 11	524873	5517478	Pegmatite	slight green hue to some spod crystals
H372727	Channel	Pegmatite 11	524873	5517478	Pegmatite	slight green hue to some spod crystals, mild potassic/iron alteration
H372727	Channel	Pegmatite 11	524872	5517478	Pegmatite	slight green hue to some spod crystals, mild potassic/iron alteration
H372728	Channel	Pegmatite 11	524872	5517478	MetaVolcanic	mafic volcanic wall rock
H372728	Channel	Pegmatite 11	524872	5517478	MetaVolcanic	mafic volcanic wall rock

18.0 Appendix 2 – Lab Certificates

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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Page: 1
Finalized Date: 1-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09115250

Project: TNR Mavis

P.O. No.:

This report is for 66 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

FRED BREARS ALS CANADA	GABE APRIAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H373001		0.96	0.11	6.09	1.1	120	1.69	0.50	4.87	0.04	74.4	16.8	8	9.04	62.0	14.05
H373002		1.61	<0.01	5.84	1.2	90	0.98	0.04	2.68	0.20	57.2	9.5	8	5.96	19.2	6.12
H373003		0.41	0.11	6.05	0.8	90	0.77	1.17	2.06	0.62	36.7	62.2	27	13.35	148.5	9.54
H373004		1.40	<0.01	7.14	0.9	20	102.0	0.08	0.52	0.04	9.56	1.4	5	>500	5.2	0.33
H373005		0.58	<0.01	8.06	0.4	60	1.59	0.10	0.10	0.20	32.6	25.2	381	10.70	45.8	0.49
H373006		3.72	<0.01	6.59	<0.2	30	101.5	1.20	0.06	0.09	0.69	0.8	10	>500	8.9	0.19
H373007		0.53	0.01	0.42	<5	30	1.19	<0.01	31.9	<0.02	2.23	0.7	4	3.27	2.6	0.14
H373008		1.57	0.16	8.43	1.1	130	1.77	0.16	2.00	0.25	76.8	9.3	9	8.58	33.1	5.40
H373009		0.84	0.14	6.26	1.4	360	2.01	0.34	1.89	2.34	49.3	4.0	7	9.38	72.6	8.26
H373010		1.07	<0.01	7.07	0.5	20	106.5	0.45	0.31	0.08	3.45	0.5	4	14.10	1.8	0.30
H373011		1.08	<0.01	6.35	0.4	20	176.0	10.65	0.11	0.15	1.50	0.5	6	144.5	1.5	0.30
H373012		0.53	0.03	7.23	0.5	60	1.12	0.26	5.97	0.10	9.66	38.3	45	5.70	28.9	11.85
H373013		0.31	0.09	8.84	<5	30	0.62	0.32	10.30	0.29	14.60	45.1	119	5.45	200	8.62
H373014		0.45	0.07	8.35	<0.2	20	0.35	<0.01	7.77	0.10	9.93	51.3	147	3.43	105.5	8.47
H373015		0.36	0.08	8.05	<0.2	20	0.25	0.06	8.31	0.20	8.57	52.7	146	0.68	80.8	9.06
H373016		0.55	0.03	8.42	<0.2	20	2.91	0.18	7.24	0.11	8.91	54.0	165	7.19	24.8	8.65
H373017		0.20	0.09	8.29	<0.2	20	16.80	0.58	8.45	0.52	8.42	58.7	179	86.9	21.4	7.57
H373018		0.35	0.06	7.46	<0.2	50	0.45	0.42	9.44	0.12	13.35	42.6	135	21.6	78.4	10.05
H373019		0.57	<0.01	8.69	3.6	50	122.5	0.90	0.04	<0.02	2.53	1.6	6	6.06	3.3	0.32
H373020		0.14	0.05	5.85	<0.2	80	1.46	0.08	7.61	0.19	116.0	53.9	265	1.71	10.0	8.50
H373201		0.56	0.03	8.55	0.2	50	1.61	0.01	3.68	0.16	21.4	26.0	7	13.35	18.9	11.05
H373202		0.41	0.04	7.14	<0.2	40	0.70	<0.01	5.70	0.20	11.85	39.5	50	5.39	30.7	11.05
H373203		0.45	0.05	7.55	0.8	30	0.56	0.01	5.67	0.13	8.39	45.4	91	5.55	28.8	10.60
H373204		0.31	0.02	8.82	<0.2	40	0.21	0.01	5.09	0.09	4.09	43.8	9	2.01	20.1	10.60
H373205		0.34	0.01	7.48	<0.2	40	0.33	0.07	5.65	0.22	9.50	37.7	100	2.97	57.4	9.49
H373206		0.43	0.10	7.85	<0.2	50	0.23	<0.01	6.86	0.11	6.86	51.5	84	3.63	90.0	10.05
H373207		0.47	0.06	8.02	<0.2	50	0.24	0.13	6.66	0.11	8.34	43.5	147	17.80	64.4	8.98
H373208		0.40	<0.01	0.18	<5	10	<0.05	<0.01	32.4	<0.02	1.46	1.3	3	0.20	2.7	0.23
H373209		0.52	0.09	8.99	<0.2	60	0.65	0.04	6.48	0.14	18.30	36.9	26	3.64	30.8	11.60
H373210		0.56	0.04	7.56	<0.2	50	0.31	0.25	7.03	0.13	15.10	43.9	99	3.17	46.5	8.93
H373211		0.36	0.07	7.48	<0.2	90	0.49	0.06	5.64	0.18	10.25	36.4	19	1.31	28.4	11.25
H373212		0.40	0.09	7.10	2.1	50	0.49	0.05	3.11	0.16	18.45	22.1	14	2.24	46.4	4.77
H373213		0.55	0.03	4.85	0.8	330	2.81	<0.01	1.26	0.13	42.6	2.8	19	23.5	7.1	3.93
H373214		0.54	0.05	6.26	<0.2	40	1.17	0.01	4.35	0.24	27.5	18.8	11	4.55	19.5	10.40
H373215		0.63	0.04	6.89	<0.2	40	0.49	0.08	4.70	0.16	14.60	38.9	11	4.01	25.1	11.35
H373216		0.71	0.01	8.00	<0.2	320	0.47	0.25	6.57	0.09	15.40	43.4	99	62.4	126.5	10.60
H373217		0.73	0.07	6.81	<0.2	80	0.67	0.01	4.08	0.21	16.50	23.8	12	7.22	56.1	11.40
H373218		0.50	0.04	7.60	<0.2	100	0.49	0.06	6.63	0.16	8.37	47.8	101	5.67	36.2	9.38
H373219		0.62	<0.01	8.29	1.5	20	147.5	13.55	1.02	0.03	4.58	5.5	16	33.9	14.7	1.31
H373220		0.55	0.05	7.85	<0.2	100	1.28	0.29	5.09	0.13	9.42	53.3	94	24.3	44.0	11.05

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Lab	WE-MS61 Cu ppm 0.01	WE-MS61 Ga ppm 0.05	WE-MS61 Hf ppm 0.1	WE-MS61 In ppm 0.005	WE-MS61 K % 0.01	WE-MS61 La ppm 0.5	WE-MS61 Li ppm 0.2	WE-MS61 Mg % 0.01	WE-MS61 Mn ppm 5	WE-MS61 Mo ppm 0.05	WE-MS61 Na % 0.01	WE-MS61 Nb ppm 0.1	WE-MS61 Ni ppm 0.2	WE-MS61 P ppm 10	WE-MS61 Pb ppm 0.5
H373001		34.2	0.31	13.1	0.270	0.68	30.8	34.5	1.79	2680	5.45	0.83	22.7	11.0	810	3.5
H373002		23.2	0.23	10.1	0.118	0.32	23.8	13.0	0.59	1180	0.53	2.20	16.3	7.2	970	2.4
H373003		21.5	0.25	8.2	0.283	0.58	15.8	57.0	0.88	964	1.23	1.70	9.7	52.4	1000	3.6
H373004		188.5	0.13	3.2	0.006	1.57	0.7	91.3	0.03	313	0.06	3.39	83.3	2.4	2000	4.6
H373005		22.4	0.19	4.2	0.088	0.25	13.3	94.1	1.48	586	0.67	3.01	11.2	141.5	1740	2.4
H373006		50.7	0.15	2.5	<0.005	2.10	<0.5	3470	0.02	176	0.15	3.01	87.5	5.8	880	12.9
H373007		1.51	0.07	0.2	<0.005	0.19	1.9	12.7	1.07	101	0.07	0.18	1.4	0.4	100	0.8
H373008		28.7	0.12	13.9	0.177	0.52	29.1	37.1	0.69	850	0.21	2.90	28.4	5.2	730	4.8
H373009		30.1	0.09	8.2	0.047	1.75	23.7	17.9	0.83	1480	1.89	1.44	24.9	4.1	660	15.5
H373010		68.1	<0.05	4.9	0.007	0.08	1.5	72.3	0.01	826	0.11	6.73	154.0	0.9	2390	5.7
H373011		73.5	<0.05	4.5	0.005	1.45	0.7	368	0.01	515	0.81	4.58	115.0	0.9	1150	8.0
H373012		25.7	0.11	2.1	0.114	0.28	3.6	113.5	2.81	1040	0.36	2.02	7.7	27.6	660	1.7
H373013		27.0	0.10	0.7	0.087	0.13	5.9	299	2.89	1610	0.66	0.89	5.0	61.9	390	1.5
H373014		18.60	0.08	0.6	0.071	0.13	3.7	376	4.04	1540	0.33	1.78	3.2	78.5	360	0.9
H373015		16.75	0.07	0.5	0.069	0.12	3.6	196.5	3.92	1570	0.30	1.74	3.0	78.2	320	1.0
H373016		17.35	0.40	0.6	0.067	0.19	2.1	2640	3.67	1760	2.15	1.41	2.4	80.0	330	0.7
H373017		21.2	0.40	0.7	0.058	0.19	3.5	3390	3.29	1890	0.64	0.45	7.6	95.6	770	5.2
H373018		17.55	0.06	0.6	0.085	0.22	5.7	214	3.23	2460	0.46	0.61	3.5	50.7	390	1.9
H373019		64.9	<0.05	5.1	<0.005	0.13	1.0	71.9	0.08	68	0.07	7.22	135.5	3.5	950	4.0
H373020		15.75	0.16	3.0	0.076	0.22	43.6	48.8	7.38	1960	0.27	1.36	13.9	236	2190	3.5
H373201		27.2	0.10	0.4	0.150	0.25	8.2	154.5	1.20	1840	0.71	2.50	13.1	3.3	1640	1.9
H373202		24.8	0.12	0.2	0.116	0.18	4.8	101.5	3.07	1660	0.69	1.66	7.5	29.0	730	1.8
H373203		23.3	0.11	1.6	0.099	0.20	3.6	89.7	3.60	1540	0.95	1.86	5.8	58.5	460	3.0
H373204		15.20	0.07	1.2	0.082	0.18	1.3	37.1	2.59	1850	0.21	2.19	2.3	20.6	230	1.7
H373205		18.20	0.08	1.1	0.081	0.18	3.8	78.8	4.60	1900	0.25	1.86	3.0	40.6	390	2.4
H373206		17.95	0.08	1.0	0.070	0.19	2.5	41.1	3.62	2340	0.52	1.71	3.0	47.6	360	1.1
H373207		13.35	0.07	0.6	0.089	0.21	3.2	52.4	3.12	1240	0.49	1.69	3.0	63.2	330	1.2
H373208		0.61	<0.05	0.1	0.005	0.03	1.8	1.7	2.07	138	0.06	0.06	0.3	1.9	60	<0.5
H373209		23.3	0.11	1.8	0.121	0.30	7.6	57.4	2.73	1040	0.69	2.03	8.7	23.6	570	1.8
H373210		17.70	0.08	1.1	0.076	0.27	3.9	50.1	3.39	1690	0.32	2.25	4.0	52.0	470	3.3
H373211		20.5	0.09	1.9	0.102	0.22	4.1	54.6	2.73	1480	0.34	2.39	5.0	17.2	660	2.9
H373212		13.70	0.05	2.0	0.034	0.07	7.3	34.5	1.05	578	4.18	4.58	6.7	17.9	390	3.6
H373213		24.0	0.05	8.4	0.135	0.58	16.1	153.5	0.29	1080	2.49	2.24	20.1	2.4	140	2.3
H373214		29.6	0.12	3.9	0.150	0.20	11.2	169.5	1.25	1790	0.66	1.80	12.7	4.7	1660	1.9
H373215		24.6	0.10	3.4	0.120	0.21	4.9	32.8	2.59	1730	0.40	2.30	8.2	20.5	770	2.6
H373216		24.5	0.11	1.8	0.098	0.18	6.3	186.0	3.27	1500	0.35	2.09	5.2	69.2	570	1.9
H373217		21.2	0.10	3.3	0.152	0.23	7.5	67.3	2.05	2130	0.48	1.89	8.4	9.3	1090	3.2
H373218		18.25	0.07	0.7	0.079	0.27	2.8	164.5	3.62	1640	0.50	1.85	3.2	58.5	350	3.8
H373219		67.0	<0.05	8.2	0.007	0.22	1.6	129.5	0.36	621	24.0	5.73	167.0	9.2	2160	5.7
H373220		23.8	0.12	1.8	0.080	0.44	3.4	460	3.40	1770	0.50	1.91	5.5	76.2	610	1.7

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Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Limit	Ag ppm 0.1	Al % 0.01	As ppm 0.1	Au ppm 1	B ppm 2	Ba ppm 0.2	Be ppm 0.01	Bi ppm 0.2	Ca % 0.01	Cd ppm 0.02	Co ppm 0.1	Cr ppm 1
H373001		17.9	0.003	1.45	0.15	29.5	5	4.0	94.0	1.67	0.28	4.2	53
H373002		10.9	<0.002	0.03	0.09	18.6	3	2.2	91.9	1.17	<0.05	2.6	40
H373003		55.0	0.005	3.02	0.05	16.4	5	5.7	103.5	0.67	0.40	1.8	156
H373004		5140	<0.002	0.01	0.08	0.7	1	65.5	67.0	>100	<0.05	1.6	0.017	38.4	3.5	4
H373005		14.5	<0.002	0.05	0.10	30.2	2	3.8	189.5	2.97	0.06	2.2	0.852	0.31	0.5	164
H373006		6040	<0.002	<0.01	0.57	5.7	2	56.8	16.8	>100	0.29	1.6	0.105	46.3	3.7	2
H373007		38.9	<0.002	<0.01	0.08	0.6	2	5.4	88.0	1.01	<0.05	0.3	0.513	0.26	0.2	1
H373008		43.7	<0.002	0.68	0.14	12.9	3	3.6	195.5	2.61	0.10	4.5	0.409	0.32	1.0	51
H373009		50.8	<0.002	0.38	0.27	17.4	4	6.9	135.5	1.63	0.19	3.6	0.452	0.50	0.7	44
H373010		0.9	<0.002	0.01	0.55	0.4	1	5.7	65.7	>100	<0.05	2.8	0.009	0.06	6.5	1
H373011		1940	<0.002	<0.01	0.09	0.5	1	31.9	98.0	>100	0.06	3.3	0.009	14.00	9.0	<1
H373012		23.1	<0.002	0.01	0.16	35.7	2	1.3	124.5	2.26	<0.05	0.7	1.170	0.16	0.3	344
H373013		34.0	0.002	0.22	0.28	36.7	3	1.1	61.3	1.38	<0.05	0.5	0.721	0.26	0.2	273
H373014		12.0	<0.002	0.01	0.19	42.7	2	0.7	73.2	0.71	<0.05	0.3	0.536	0.11	0.1	213
H373015		8.9	<0.002	0.01	0.18	41.4	2	0.6	66.5	0.42	<0.05	0.3	0.527	0.08	0.1	270
H373016		41.0	0.006	0.01	0.29	44.2	1	2.9	38.8	0.74	0.06	0.3	0.562	0.61	1.3	286
H373017		176.5	<0.002	<0.01	0.26	50.8	2	19.8	43.8	6.41	<0.05	0.4	0.630	1.43	0.3	253
H373018		32.6	<0.002	0.03	0.11	36.1	2	0.8	122.5	0.34	<0.05	0.4	0.529	0.23	0.1	248
H373019		72.5	<0.002	<0.01	0.27	1.2	1	1.1	110.0	>100	<0.05	4.9	0.013	0.21	8.2	6
H373020		53.5	<0.002	<0.01	0.30	30.6	2	0.8	149.0	2.72	<0.05	4.3	0.442	0.08	0.9	178
H373201		10.2	<0.002	0.01	0.09	29.7	3	1.6	112.5	2.99	<0.05	1.5	0.937	0.10	0.4	28
H373202		54.4	0.002	0.01	0.10	38.8	2	1.3	122.0	0.73	<0.05	0.9	1.025	0.05	0.2	345
H373203		51.0	<0.002	0.02	0.19	33.7	2	1.0	146.5	1.13	<0.05	0.6	0.903	0.11	0.2	306
H373204		3.2	<0.002	0.01	0.37	59.3	2	0.5	66.8	0.21	<0.05	0.3	0.456	0.03	0.1	289
H373205		13.7	<0.002	0.13	0.17	46.4	2	0.8	103.0	0.32	<0.05	0.3	0.533	0.06	0.1	286
H373206		6.4	<0.002	0.01	0.09	41.7	2	0.9	160.5	0.26	<0.05	0.4	0.504	0.04	0.1	263
H373207		20.8	<0.002	0.02	0.06	41.0	2	0.7	130.5	0.21	<0.05	0.3	0.536	0.15	0.1	267
H373208		1.7	<0.002	<0.01	0.05	0.6	2	<0.2	64.9	<0.05	<0.05	<0.2	0.513	<0.02	0.1	4
H373209		20.3	<0.002	0.04	0.15	42.1	2	1.1	145.0	0.47	<0.05	0.7	1.190	0.12	0.2	216
H373210		16.6	<0.002	0.01	0.15	39.6	2	0.8	106.0	0.26	<0.05	0.4	0.636	0.08	0.1	259
H373211		6.8	<0.002	0.01	0.19	43.1	2	0.9	111.0	0.33	<0.05	0.6	0.610	0.06	0.1	290
H373212		3.8	0.002	0.01	0.30	18.1	2	0.7	231	0.37	<0.05	0.8	1.005	0.02	0.2	132
H373213		36.6	0.002	0.01	0.06	3.2	3	1.7	157.5	1.33	<0.05	2.8	0.178	0.16	0.6	8
H373214		5.5	<0.002	0.02	0.13	29.0	3	2.1	127.0	0.83	<0.05	1.5	0.912	0.03	0.3	29
H373215		6.7	<0.002	0.01	0.13	36.4	2	1.2	152.5	0.52	<0.05	0.9	1.165	0.04	0.2	266
H373216		56.0	<0.002	0.01	0.26	36.8	2	0.7	203	0.33	<0.05	0.8	0.940	0.66	0.2	315
H373217		12.9	<0.002	0.08	0.12	37.4	3	1.9	191.0	0.53	<0.05	1.1	0.748	0.10	0.3	163
H373218		86.0	<0.002	0.01	0.17	45.3	2	0.8	136.5	0.22	<0.05	0.3	0.554	0.23	0.1	287
H373219		229	0.008	<0.01	0.21	3.3	2	13.3	82.4	>100	0.24	4.2	0.096	1.12	10.7	29
H373220		153.0	<0.002	<0.01	0.16	32.8	2	0.8	155.0	1.83	<0.05	0.5	0.872	1.10	0.2	266

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Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.5	ME-MS61 Ag ppm 1	ME-MS61 Ba ppm 0.5	ME-MS61 Ce ppm 0.5	ME-MS61 Cs ppm 0.5	ME-MS61 Cr ppm 10	ME-MS61 Cs ppm 0.01	ME-MS61 Cu ppm 5	ME-MS61 Dy ppm 0.05	ME-MS61 Er ppm 0.03	ME-MS61 Eu ppm 0.03	ME-MS61 Ga ppm 0.1
H373001		2.1	170.0	212	471											
H373002		0.5	65.7	103	347											
H373003		0.5	57.2	102	199.5											
H373004		2.3	1.7	90	16.1											
H373005		2.0	20.2	88	150.5											
H373006		0.8	0.5	33	10.8											
H373007		0.1	4.0	4	5.3											
H373008		1.5	95.4	78	463											
H373009		0.7	76.3	1120	406											
H373010		1.1	1.1	59	35.5	<1	18.6	2.8	0.5	20	15.80	<5	0.19	0.14	0.04	65.8
H373011		1.3	0.7	60	31.3											
H373012		0.7	32.6	115	70.6											
H373013		0.6	25.5	119	12.5											
H373014		0.4	21.5	105	11.9											
H373015		0.4	21.1	111	7.3											
H373016		0.9	21.2	123	10.4											
H373017		1.0	23.7	350	13.0											
H373018		0.9	22.3	101	14.2											
H373019		1.6	0.9	14	28.5											
H373020		0.7	21.9	126	113.5											
H373201		0.5	59.6	171	201											
H373202		0.3	38.7	144	79.9											
H373203		0.3	25.4	124	56.5											
H373204		0.8	30.3	133	37.0											
H373205		0.4	24.7	162	38.0											
H373206		0.2	22.3	137	37.2											
H373207		0.3	21.2	148	15.3											
H373208		0.1	2.9	6	2.1											
H373209		0.5	36.3	142	51.1											
H373210		0.9	24.6	111	34.9											
H373211		0.3	35.1	194	67.7											
H373212		2.3	16.0	66	68.3											
H373213		0.5	66.1	121	369											
H373214		0.4	60.4	169	106.0											
H373215		0.6	46.4	144	126.5											
H373216		0.9	26.2	106	54.5											
H373217		0.4	49.6	175	120.0											
H373218		0.7	24.1	131	20.2											
H373219		1.7	5.4	75	57.0											
H373220		0.5	24.7	127	44.8											

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Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units LRD	MS-MS21 Ca ppm 0.01	MS-MS21 Hf ppm 0.2	MS-MS21 Hg ppm 0.01	MS-MS21 La ppm 0.5	MS-MS21 Li ppm 0.01	MS-MS21 Mo ppm 2	MS-MS21 Na ppm 0.2	MS-MS21 Nb ppm 0.1	MS-MS21 Ni ppm 1	MS-MS21 P% % 0.01	MS-MS21 Pb ppm 0.01	MS-MS21 Rb ppm 0.2	MS-MS21 Sm ppm 0.05	MS-MS21 Sn ppm 1	MS-MS21 Sr ppm 0.1
#373001																
#373002																
#373003																
#373004																
#373005																
#373006																
#373007																
#373008																
#373009																
#373010		0.24	3.5	0.04	1.3	0.02	<2	184.0	1.6	5	5	0.39	9.4	0.22	9	63.6
#373011																
#373012																
#373013																
#373014																
#373015																
#373016																
#373017																
#373018																
#373019																
#373020																
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#373220																

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
820-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Limit	WE-MS21 Tl ppm 0.1	WE-MS21 Th ppm 0.01	WE-MS21 Ti % 0.01	WE-MS21 Tm ppm 0.01	WE-MS21 U ppm 0.05	WE-MS21 V ppm 5	WE-MS21 W ppm 1	WE-MS21 Y ppm 0.5	WE-MS21 Yb ppm 0.03	WE-MS21 Zn ppm 2	WE-MS21 Zr ppm 2	Au-GRA21 Au ppm 0.001
H373001													0.003
H373002													0.002
H373003													0.003
H373004													
H373005													
H373006													
H373007													
H373008													
H373009													
H373010		193.5	0.03	2.45	<0.5	0.02	5.99	<5	1	1.1	0.12	152	28
H373011													
H373012													
H373013													
H373014													
H373015													
H373016													
H373017													
H373018													
H373019													
H373020													
H373201													
H373202													
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H373209													
H373210													
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H373218													
H373219													
H373220													

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PO BOX 11684
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalised Date: 1-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units LRD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H073231		0.47	0.04	7.65	3.9	30	0.82	0.07	5.44	0.14	8.94	43.5	82	15.60	25.5	10.80
H073232		0.59	0.04	7.91	5.5	30	0.77	0.07	6.04	0.09	7.03	42.7	98	8.34	45.0	9.29
H073233		0.59	0.04	7.49	0.6	160	0.51	0.22	6.92	0.13	13.40	57.5	83	20.3	34.9	8.96
H073234		0.62	0.06	7.27	<0.2	140	0.88	0.14	4.69	0.15	11.15	39.5	12	14.30	68.5	10.20
H073235		0.66	0.04	7.25	<0.2	60	0.48	0.11	6.28	0.17	11.45	44.9	63	2.92	37.3	9.16
H073236		0.62	0.09	7.40	0.6	90	0.47	0.31	6.63	0.13	9.97	45.5	50	25.3	77.3	7.94
H073237		0.56	0.03	7.24	1.0	30	0.61	0.25	6.83	0.40	15.40	41.4	128	1.41	43.2	7.26
H073238		0.34	0.03	6.13	0.3	210	0.28	0.10	7.21	0.12	9.04	52.1	190	16.50	30.7	8.43
H073239		0.49	0.09	7.40	0.3	250	0.72	0.11	5.74	0.11	11.00	55.9	24	222	76.5	12.20
H073240		0.47	0.11	7.37	0.5	60	0.33	0.07	5.49	0.10	9.41	47.0	124	10.10	>22.5	9.38
H073241		0.58	0.04	7.81	0.2	30	0.68	0.21	8.68	0.23	12.40	50.8	121	6.28	86.4	9.46
H073242		0.47	0.03	8.22	0.4	60	0.21	0.11	7.73	0.11	9.72	49.6	247	4.64	60.7	8.23
H073243		0.66	0.05	7.74	<5	20	0.37	0.05	16.15	0.12	15.95	44.4	32	7.81	57.1	7.28
H073244		0.58	0.05	8.74	0.3	110	0.36	0.13	9.19	0.09	11.80	39.9	124	22.3	57.1	8.04
H073245		0.57	0.03	8.49	<0.2	30	0.32	0.10	7.77	0.23	13.90	55.1	58	1.35	62.8	7.77
H073246		0.62	0.07	8.72	<5	30	0.57	0.69	15.90	0.13	10.95	46.2	49	8.10	240	8.55

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PO BOX 11604
626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Limit	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
H373221		19.55	0.10	0.7	0.031	0.39	3.6	381	3.90	2160	0.28	1.38	3.7	88.8	360	2.2
H373222		17.35	0.13	0.7	0.063	0.13	5.9	790	3.13	1670	0.46	1.03	3.4	73.4	320	5.2
H373223		16.60	0.10	1.0	0.075	0.13	5.2	950	4.20	1420	0.16	1.62	3.0	88.9	340	1.0
H373224		88.5	1.12	4.5	0.010	0.75	0.9	6780	0.05	297	0.28	2.54	179.0	1.8	220	11.8
H373225		66.8	1.16	1.3	<0.005	1.97	<0.5	5860	0.03	235	0.30	2.74	103.0	1.1	600	14.4
H373226		20.6	0.20	1.1	0.072	0.54	1.5	870	3.63	1490	0.32	1.77	5.4	70.4	440	1.8
H373227		53.9	0.14	2.5	0.005	1.60	<0.5	820	0.03	165	0.12	4.49	152.0	0.8	780	21.9
H373228		27.9	0.21	3.5	0.139	0.29	6.7	72.2	1.71	2230	0.43	1.57	9.4	11.4	1520	2.8
H373229		26.2	0.23	5.2	0.145	0.28	6.0	57.9	1.59	1800	0.37	2.59	11.2	3.8	1390	2.0
H373230		0.67	0.32	0.1	<0.005	0.03	1.5	3.5	1.44	114	0.05	0.05	0.4	0.7	80	<0.5
H373231		24.0	0.10	2.1	0.093	0.17	3.1	68.1	3.25	1640	0.45	1.52	5.7	60.1	570	1.6
H373232		22.9	0.19	1.7	0.077	0.22	2.2	79.4	3.32	1330	0.45	2.81	6.1	70.0	450	2.8
H373233		25.4	0.15	1.0	0.068	0.79	4.8	175.5	4.01	1520	0.23	1.05	4.0	155.0	430	1.8
H373234		19.65	0.15	3.2	0.089	0.30	4.3	35.1	2.54	1750	0.39	3.18	5.5	58.1	540	4.0
H373235		21.5	0.15	1.9	0.076	0.19	4.7	25.2	3.42	1650	0.67	2.14	3.5	44.0	440	2.8
H373236		18.60	0.18	1.1	0.063	0.27	3.7	48.2	2.01	1660	0.33	2.17	3.4	67.1	390	2.8
H373237		23.5	0.13	0.8	0.062	0.09	7.0	27.2	2.49	1930	0.21	1.24	2.9	52.4	380	2.9
H373238		21.4	0.17	0.6	0.072	0.45	3.0	53.5	3.02	1390	0.17	1.85	3.1	96.3	350	1.0
H373239		26.8	0.17	1.7	0.068	1.09	3.6	74.3	2.93	1720	0.16	2.16	4.7	48.6	410	3.9
H373240		20.3	0.18	1.6	0.075	0.34	3.1	67.9	4.74	1320	0.67	2.23	3.6	59.3	410	2.9
H373241		16.50	0.19	0.8	0.079	0.18	4.5	29.3	3.67	1420	0.73	1.40	3.6	64.3	420	1.8
H373242		14.90	0.09	0.4	0.056	0.18	2.7	46.3	4.73	1490	0.24	1.84	1.9	108.5	340	2.3
H373243		18.95	0.09	0.5	0.052	0.09	7.2	11.8	2.38	1410	0.81	0.44	3.7	72.2	450	2.2
H373244		17.95	0.12	1.9	0.066	0.59	5.3	84.1	3.07	1300	0.98	2.48	4.5	62.9	470	4.0
H373245		17.25	0.10	0.7	0.064	0.14	8.0	16.3	2.66	1420	0.39	1.57	3.7	120.5	400	2.3
H373246		18.70	0.10	0.8	0.049	0.13	4.7	17.8	3.30	1760	0.20	1.27	3.5	90.1	400	1.7

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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 1-NOV-2009
Account: COAMO

Project: ThR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Lim	ME-MS61 Re ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.01	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
H373231		117.0	<0.002	<0.01	0.20	42.3	2	0.9	149.5	0.42	<0.05	5.3	0.561	0.79	0.4	271
H373232		13.7	0.002	0.03	0.30	47.1	2	1.4	83.1	0.30	<0.05	0.4	0.509	0.27	0.5	260
H373233		15.4	0.003	0.01	0.10	41.8	2	0.8	97.8	0.23	<0.05	0.5	0.553	0.13	<0.1	273
H373234		940	<0.002	<0.01	0.15	3.1	1	32.8	58.4	76.5	0.09	3.1	0.013	6.13	10.8	3
H373235		1710	0.004	<0.01	0.14	2.5	1	26.1	131.0	41.7	<0.05	2.0	0.009	13.70	7.5	2
H373236		126.5	0.002	0.01	0.15	34.6	2	0.9	161.0	0.98	<0.05	0.4	0.631	0.84	0.1	261
H373237		1180	0.002	<0.01	0.06	0.9	2	8.2	167.0	150.0	<0.05	3.1	0.010	8.89	12.7	3
H373238		45.7	0.003	0.03	0.16	37.8	3	1.1	85.0	1.59	<0.05	1.0	0.672	0.32	0.3	129
H373239		32.4	0.002	<0.01	0.11	32.6	3	1.6	109.5	1.12	<0.05	1.2	1.060	0.25	0.2	117
H373240		2.1	0.002	<0.01	<0.05	0.4	2	<0.2	83.2	0.14	<0.05	<0.2	0.014	0.03	<0.1	3
H373241		20.9	0.002	0.01	0.13	36.3	2	1.4	116.5	0.48	<0.05	0.6	0.915	0.14	<0.1	306
H373242		6.8	0.003	0.03	0.11	33.4	2	0.8	264	0.33	<0.05	0.4	0.752	0.11	<0.1	272
H373243		299	0.002	0.03	0.40	28.5	3	0.8	173.0	0.31	<0.05	0.4	0.718	1.54	<0.1	242
H373244		19.5	0.003	0.04	0.15	53.8	3	0.9	290	0.38	<0.05	0.8	0.689	0.13	0.2	315
H373245		15.3	0.003	0.01	0.15	40.2	2	0.9	172.5	0.26	<0.05	0.5	0.634	0.07	<0.1	282
H373246		33.2	<0.002	<0.01	0.08	37.8	2	0.8	143.5	0.26	<0.05	0.4	0.544	0.21	<0.1	242
H373247		6.0	0.002	<0.01	0.09	34.7	2	0.8	181.5	0.25	<0.05	0.3	0.438	0.04	<0.1	221
H373248		34.5	0.002	0.02	0.10	48.7	2	0.8	127.0	0.23	<0.05	0.3	0.504	0.35	<0.1	284
H373249		130.0	0.002	0.01	0.11	41.8	2	0.8	189.5	0.33	<0.05	0.4	1.210	0.67	<0.1	516
H373250		30.9	0.004	0.01	0.14	51.4	3	0.7	175.0	0.26	<0.05	0.4	0.586	0.20	<0.1	282
H373251		8.9	0.003	0.04	0.13	45.7	2	0.9	87.2	0.29	0.06	0.4	0.564	0.07	<0.1	298
H373252		11.2	<0.002	0.02	0.17	43.5	2	0.9	285	0.13	<0.05	0.2	0.414	0.09	0.1	249
H373253		3.7	<0.002	0.01	0.29	30.0	1	0.7	53.4	0.27	<0.05	0.7	0.450	0.02	0.2	187
H373254		28.8	0.002	0.03	0.19	37.2	2	0.8	278	0.31	<0.05	0.8	0.526	0.32	0.2	240
H373255		3.1	0.002	0.01	0.08	35.8	1	0.8	156.0	0.25	<0.05	0.6	0.510	0.03	0.1	228
H373256		3.4	0.003	0.26	0.18	48.3	2	0.8	98.1	0.21	0.12	0.5	0.469	0.03	0.1	223

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VANCOUVER BC V6B 4N9

Project: TNR Mavis

Finalized Date: 1-NOV-2009
Account: COAMG

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Lod	WE-MS21 W ppm 0.1	WE-MS21 Y ppm 0.1	WE-MS21 Zn ppm 2	WE-MS21 Zr ppm 0.5	WE-MS21 Ag ppm 1	WE-MS21 Be ppm 0.5	WE-MS21 Ce ppm 0.5	WE-MS21 Co ppm 0.5	WE-MS21 Cr ppm 10	WE-MS21 Cs ppm 0.01	WE-MS21 Cu ppm 5	WE-MS21 Dy ppm 0.05	WE-MS21 Er ppm 0.05	WE-MS21 Eu ppm 0.03	WE-MS21 Ga ppm 0.1
H073221		2.1	22.9	98	15.9											
H073222		0.5	24.1	100	11.2											
H073223		0.2	22.9	90	31.9											
H073224		1.7	0.8	38	95.2											
H073225		0.9	0.3	28	9.2											
H073226		0.4	22.6	103	31.5											
H073227		1.5	0.3	27	16.5											
H073228		0.6	46.9	155	112.0											
H073229		0.4	53.5	158	166.9											
H073230		0.1	3.3	3	4.3											
H073231		0.3	32.1	134	68.3											
H073232		0.3	23.5	101	53.9											
H073233		2.5	21.3	111	28.4											
H073234		0.8	36.7	119	99.6											
H073235		0.6	27.1	130	45.1											
H073236		0.9	23.6	103	31.1											
H073237		0.8	24.3	117	17.5											
H073238		0.4	23.2	109	11.3											
H073239		0.5	26.1	137	59.6											
H073240		0.4	25.8	90	47.6											
H073241		0.5	24.9	141	15.8											
H073242		0.2	19.9	82	7.8											
H073243		0.6	21.7	96	10.3											
H073244		0.3	23.8	109	67.4											
H073245		0.3	23.8	175	25.9											
H073246		0.5	26.3	101	15.0											

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Finalized Date: 1-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units Limit	MS-MS21 Cu ppm 0.01	MS-MS21 Ni ppm 0.2	MS-MS21 Pb ppm 0.01	MS-MS21 La ppm 0.5	MS-MS21 Cr ppm 0.01	MS-MS21 Mg % 0.01	MS-MS21 Ba ppm 0.2	MS-MS21 Ti % 0.001	MS-MS21 B ppm 10	MS-MS21 Al % 0.01	MS-MS21 Na % 0.01	MS-MS21 K % 0.01	MS-MS21 W ppm 0.2	MS-MS21 Sn ppm 0.05	MS-MS21 Sb ppm 1	MS-MS21 Bi ppm 0.1
H373221																	
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CERTIFICATE OF ANALYSIS TB09115250

Sample Description	Method Analyte Units LOD	ME-MS21 Ti ppm 0.1	ME-MS21 Tl ppm 0.01	ME-MS21 Th ppm 0.05	ME-MS21 U ppm 0.5	ME-MS21 W ppm 0.01	ME-MS21 V ppm 0.25	ME-MS21 Mo ppm 1	ME-MS21 Y ppm 1	ME-MS21 Yb ppm 0.5	ME-MS21 Zn ppm 0.01	ME-MS21 Zr ppm 1	ME-MS21 Zr ppm 2	Au-ICP21 Au ppm 0.001
H373231 H373232 H373233 H373234 H373235														0.352
H373236 H373237 H373238 H373239 H373240														
H373241 H373242 H373243 H373244 H373245														
H373246														0.001

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Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115250

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 27-OCT-2009
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Account: COAMO

CERTIFICATE TB09115251

Project: TNR-Mavis

P.O. No.:

This report is for 72 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

[illegible]	CASE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

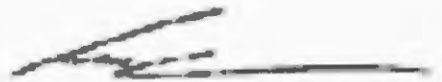
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11634
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H373247		0.64	0.05	6.57	0.7	70	0.36	0.12	8.81	0.12	18.75	51.6	139	6.81	69.7	8.01
H373248		0.86	0.03	7.05	<0.2	50	0.49	0.26	7.44	0.08	8.89	43.6	93	2.97	88.3	8.41
H373249		0.82	0.04	8.03	0.4	60	0.52	0.11	8.34	0.08	11.65	47.4	95	2.18	37.4	10.80
H373250		0.53	0.02	6.07	5.6	90	0.43	0.06	7.09	0.05	12.25	35.8	63	4.72	9.1	9.74
H373251		0.57	0.03	6.56	<0.2	70	0.36	0.09	5.34	0.19	5.15	43.6	6	2.36	28.8	10.75
H373252		0.50	0.03	6.14	<0.2	130	0.29	0.03	5.62	0.15	11.25	33.8	62	1.00	41.8	10.40
H373253		0.52	0.02	6.09	<0.2	30	0.24	0.03	7.43	0.10	6.02	50.3	85	1.47	39.2	9.36
H373254		0.46	0.04	6.11	0.3	40	0.26	0.07	8.39	0.12	6.99	48.0	168	8.26	37.6	9.99
H373255		0.35	0.06	7.19	0.6	100	0.36	0.29	5.19	0.23	9.76	18.7	5	7.27	57.3	9.91
H373256		0.51	0.03	7.38	0.8	50	0.37	0.06	5.17	0.10	4.52	47.0	5	1.39	28.0	10.75
H373257		0.40	0.10	8.10	<0.2	40	0.38	0.04	7.29	0.15	9.63	53.0	82	0.48	54.4	10.60
H373258		0.42	0.02	7.49	0.5	40	0.72	0.08	6.35	0.11	19.90	61.5	111	0.87	24.8	8.55
H373259		0.53	0.05	7.44	1.0	70	0.44	0.28	6.74	0.16	10.35	46.5	89	1.37	49.2	9.63
H373260		0.50	0.01	0.51	<5	20	0.24	0.01	31.5	<0.02	1.24	1.0	2	0.07	2.4	0.13
H373261		0.32	0.08	7.41	0.5	40	0.32	0.29	7.66	0.19	9.35	51.9	46	1.20	48.3	9.36
H373262		0.41	0.04	7.53	1.0	40	0.31	0.24	6.09	0.15	9.42	58.0	95	2.92	46.9	9.57
H373263		0.54	0.04	7.55	<0.2	50	0.24	0.02	7.65	0.10	6.73	51.0	206	1.44	44.5	7.84
H373264		0.54	0.06	7.00	0.7	160	0.63	0.11	6.97	0.10	19.80	49.2	127	3.41	82.2	9.12
H373265		0.59	0.06	7.55	0.2	60	0.34	0.11	7.68	0.12	7.93	60.7	47	2.82	46.8	9.46
H373266		0.74	0.03	7.61	1.3	30	0.34	0.04	5.81	0.10	5.16	48.8	47	1.03	29.9	8.91
H373267		0.69	0.05	7.51	0.2	20	0.24	0.03	8.08	0.13	11.30	58.8	93	3.11	77.9	7.84
H373268		0.45	0.03	7.85	0.7	80	0.32	0.08	8.58	0.13	9.64	51.9	49	3.69	37.5	8.74
H373269		0.62	0.02	7.35	0.4	90	33.6	0.64	4.66	0.11	8.58	43.7	83	140.0	31.3	8.46
H373270		0.65	0.09	7.36	<0.2	30	0.78	0.07	5.68	0.22	7.73	53.0	29	16.80	41.9	12.40
H373271		0.55	0.05	7.32	1.1	150	0.46	0.32	8.00	0.26	4.39	24.7	18	25.9	32.0	10.45
H373272		0.46	0.05	7.64	1.3	50	0.66	0.12	5.94	0.10	15.20	65.8	52	25.8	84.7	9.21
H373273		0.43	0.05	8.05	0.8	150	0.64	0.10	5.82	0.13	5.39	60.2	115	11.30	40.1	11.50
H373274		0.56	0.17	7.33	1.8	40	206	1.27	0.42	0.03	4.53	1.7	5	19.00	18.4	0.47
H373275		0.57	0.01	0.41	<5	20	0.58	0.03	32.4	<0.02	2.24	2.1	2	0.12	116.5	0.37
H373276		0.52	0.06	8.14	1.3	60	1.02	0.65	7.37	0.40	10.75	43.1	59	7.23	68.1	7.90
H373277		0.58	0.04	8.09	0.3	90	0.38	0.02	7.79	0.14	10.40	52.5	119	3.60	83.6	8.95
H373278		0.45	0.02	8.36	<0.2	90	0.29	0.04	8.23	0.07	7.22	52.3	240	3.59	31.0	7.62
H373279		0.63	0.05	7.75	0.5	160	0.67	0.03	5.11	0.13	17.90	38.1	42	5.31	65.2	8.52
H373280		0.48	0.05	8.11	<0.2	110	0.31	0.04	7.75	0.12	13.25	45.8	149	2.90	71.5	7.26
H373281		0.61	0.03	7.59	<0.2	30	0.34	0.06	7.83	0.11	12.65	58.4	101	4.50	32.7	11.40
H373282		0.49	0.05	7.79	1.2	60	0.61	0.12	7.60	0.10	19.70	54.8	131	3.43	26.0	7.90
H373283		0.53	0.04	7.45	0.9	160	0.58	0.30	8.96	0.10	8.81	51.0	43	8.52	28.1	9.85
H373284		0.63	0.06	7.42	1.0	40	0.73	0.28	5.61	0.14	13.70	49.8	78	3.74	21.1	10.70
H373285		0.68	0.09	7.49	1.2	330	0.81	0.10	5.94	0.08	6.55	53.9	67	11.90	54.9	9.58
H373286		0.64	0.08	7.48	1.2	40	0.73	0.07	6.54	0.10	12.10	49.0	72	1.48	19.2	11.20

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units LOD	ME-MS61 Ba ppm 0.05	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
KGT3247		17.45	0.06	0.7	0.055	0.19	9.3	32.1	3.24	1490	0.42	0.91	3.8	150.0	400	1.9
KGT3248		16.30	0.10	1.0	0.060	0.19	3.3	23.9	2.56	1560	0.31	1.04	3.5	67.6	400	1.1
KGT3249		24.2	0.12	1.9	0.086	0.28	3.9	29.9	3.15	1640	0.31	2.97	5.5	48.8	630	3.1
KGT3250		30.2	0.11	2.5	0.083	0.39	4.5	25.1	2.57	1610	0.46	3.81	6.1	32.7	470	2.6
KGT3251		18.05	0.11	1.7	0.084	0.25	1.5	25.0	2.13	1560	0.16	2.65	3.8	16.4	690	3.5
KGT3252		17.75	0.12	2.0	0.076	0.26	5.1	25.3	3.36	1720	0.19	2.56	4.1	49.6	410	1.5
KGT3253		14.90	0.11	0.7	0.066	0.12	2.2	17.3	3.86	1740	0.31	1.65	2.9	58.0	320	1.1
KGT3254		14.65	0.11	0.6	0.060	0.20	2.6	43.8	3.84	1660	2.70	1.23	2.5	69.8	310	2.7
KGT3255		17.45	0.16	1.9	0.061	0.34	3.9	15.8	2.49	1060	0.38	1.74	3.3	6.8	360	2.3
KGT3256		18.45	0.13	2.2	0.089	0.16	1.3	15.7	2.57	1620	0.37	2.36	4.0	17.5	420	0.9
KGT3257		18.05	0.17	0.9	0.087	0.16	3.5	13.3	3.12	2050	0.35	2.08	3.6	82.4	330	5.9
KGT3258		24.2	0.13	1.6	0.070	0.09	7.5	18.1	2.71	1340	0.33	1.32	4.8	103.5	570	3.4
KGT3259		22.8	0.19	1.6	0.095	0.22	3.6	17.7	3.17	1500	0.30	1.67	4.8	51.5	410	2.1
KGT3260		1.99	0.20	0.2	0.005	0.23	1.4	0.9	1.07	106	<0.05	0.22	1.4	0.8	70	0.7
KGT3261		18.45	0.11	0.8	0.091	0.15	3.6	8.0	3.56	1680	0.36	1.84	3.2	71.9	280	2.0
KGT3262		20.4	0.09	0.6	0.072	0.09	3.0	11.7	3.80	1760	0.19	1.31	2.9	89.9	270	2.2
KGT3263		15.35	0.10	0.5	0.053	0.21	2.5	14.9	4.49	1420	0.17	1.43	1.9	101.5	190	1.7
KGT3264		19.40	0.13	0.8	0.067	0.50	12.3	24.5	4.15	1680	0.28	1.85	2.6	83.7	350	4.5
KGT3265		21.0	0.15	0.8	0.074	0.19	2.6	14.0	3.60	1890	0.21	1.75	3.1	85.4	290	2.4
KGT3266		17.15	0.14	1.6	0.069	0.11	2.0	33.1	3.36	2130	0.23	2.67	3.4	49.8	340	0.9
KGT3267		20.7	0.11	0.8	0.060	0.10	4.4	26.9	2.80	1320	0.28	1.26	3.3	91.8	330	1.3
KGT3268		15.30	0.13	1.0	0.087	0.23	3.9	17.1	3.14	1720	0.21	2.00	3.3	52.7	340	1.8
KGT3269		24.4	0.12	1.0	3.074	0.24	3.1	230	2.91	1210	0.40	1.32	6.1	77.8	1090	2.2
KGT3270		25.8	0.14	2.7	3.187	0.21	2.4	139.0	3.12	1830	0.31	1.88	6.2	45.3	840	2.3
KGT3271		16.10	0.12	1.5	3.101	0.44	2.0	162.0	3.47	1640	0.28	2.42	2.8	14.8	280	2.3
KGT3272		24.6	0.15	2.0	0.098	0.25	4.6	82.4	2.84	1820	0.48	2.38	6.1	44.1	920	3.0
KGT3273		22.9	0.16	1.3	3.078	0.37	1.5	196.0	3.53	1960	0.24	1.72	4.5	77.5	530	1.6
KGT3274		71.0	0.14	4.0	<0.005	0.69	1.7	23.2	0.10	125	16.80	5.87	91.4	2.2	1190	2.2
KGT3275		1.70	0.44	0.2	0.005	0.05	1.8	1.5	1.69	133	0.15	0.20	0.8	2.9	130	<0.5
KGT3276		19.25	0.15	0.6	0.074	0.26	4.2	116.5	2.05	2130	0.44	1.87	4.0	49.7	450	2.6
KGT3277		18.80	0.14	0.4	0.070	0.29	3.9	46.7	4.01	1500	0.24	1.45	3.4	73.5	370	1.1
KGT3278		16.30	0.09	0.4	0.054	0.35	2.8	30.6	3.96	1090	0.14	1.71	2.5	112.5	220	1.5
KGT3279		23.9	0.16	3.1	0.066	0.61	5.6	66.9	2.13	1610	0.44	1.95	6.5	37.7	710	2.3
KGT3280		18.65	0.17	0.7	0.061	0.21	5.4	18.4	2.85	1170	0.36	0.97	3.9	83.5	310	1.3
KGT3281		24.5	0.16	0.9	0.068	0.17	4.6	19.0	3.65	1720	0.23	1.16	4.5	86.7	490	0.7
KGT3282		19.20	0.19	2.0	0.050	0.24	7.9	15.7	4.76	1330	0.29	2.09	7.7	149.0	620	3.4
KGT3283		19.05	0.11	1.1	0.078	0.65	3.3	14.9	3.03	2370	0.25	1.69	3.3	46.8	290	4.9
KGT3284		24.9	0.15	2.6	0.099	0.29	4.3	23.2	2.83	1980	0.73	2.68	6.2	46.9	520	6.6
KGT3285		16.95	0.15	1.0	0.071	0.72	2.6	49.3	3.58	2370	1.53	2.09	3.5	62.2	320	2.8
KGT3286		24.1	0.16	1.7	0.085	0.20	4.3	28.2	3.00	1690	0.24	1.72	5.7	56.8	530	1.3

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
#GT3247		7.6	<0.002	0.04	0.25	30.9	1	0.8	122.0	0.27	<0.05	1.1	0.402	0.05	0.2	194
#GT3248		22.5	<0.002	0.01	0.27	40.5	2	0.5	55.7	0.24	<0.05	0.7	0.509	0.33	0.1	217
#GT3249		6.4	<0.002	<0.01	0.20	37.7	2	0.7	86.8	0.35	<0.05	0.8	0.958	0.05	0.2	349
#GT3250		17.3	<0.002	0.01	0.14	37.3	2	0.7	187.5	0.40	<0.05	0.8	0.984	0.09	0.2	366
#GT3251		6.3	<0.002	<0.01	0.10	42.3	1	1.1	112.0	0.24	<0.05	0.5	0.607	0.03	0.1	299
#GT3252		7.3	0.003	0.13	0.13	38.3	3	0.7	144.0	0.29	0.07	0.7	0.748	0.04	0.1	361
#GT3253		2.8	<0.002	<0.01	0.12	51.8	1	0.5	128.5	0.18	<0.05	0.3	0.468	0.02	0.1	263
#GT3254		12.2	<0.002	0.01	0.25	48.6	1	0.5	96.2	0.16	<0.05	0.3	0.425	0.07	0.1	252
#GT3255		19.3	0.002	0.22	0.07	49.0	4	0.5	67.3	0.24	<0.05	0.5	0.510	0.13	<0.1	249
#GT3256		2.2	0.003	<0.01	0.06	44.3	2	0.7	126.5	0.28	<0.05	0.5	0.606	0.02	0.1	295
#GT3257		1.8	<0.002	0.02	0.17	47.9	3	0.7	80.1	0.26	<0.05	0.5	0.570	0.02	<0.1	353
#GT3258		1.5	0.003	0.01	0.17	26.3	2	0.6	268	0.32	<0.05	1.2	0.699	0.02	0.2	220
#GT3259		6.9	0.002	0.02	0.15	33.4	2	0.6	176.5	0.31	0.05	0.6	0.783	0.04	<0.1	287
#GT3260		8.4	0.002	<0.01	0.12	0.3	2	0.2	78.2	0.13	<0.05	0.3	0.097	0.06	0.2	2
#GT3261		4.6	0.003	0.09	0.35	40.0	2	0.8	124.0	0.22	0.06	0.8	0.557	0.03	0.1	268
#GT3262		7.1	0.002	<0.01	0.12	42.8	2	0.6	221	0.19	0.06	0.3	0.582	0.03	<0.1	286
#GT3263		3.9	0.002	0.01	0.11	48.5	1	0.4	122.0	0.13	<0.05	0.3	0.391	0.03	<0.1	238
#GT3264		22.8	0.002	0.13	0.34	40.1	2	0.6	471	0.18	<0.05	0.3	0.538	0.15	<0.1	279
#GT3265		8.7	0.002	0.02	0.12	43.5	2	0.6	133.5	0.20	0.07	0.3	0.600	0.06	<0.1	295
#GT3266		9.6	0.003	0.01	0.06	51.6	2	0.7	85.0	0.21	<0.05	0.4	0.481	0.03	<0.1	254
#GT3267		2.6	0.002	0.01	0.15	39.6	2	0.7	88.6	0.22	<0.05	0.5	0.624	0.02	<0.1	341
#GT3268		8.5	0.002	0.01	0.10	49.4	2	0.6	133.5	0.22	<0.05	0.5	0.437	0.06	<0.1	246
#GT3269		177.5	0.003	<0.01	0.36	28.1	2	17.2	137.5	1.10	<0.05	0.4	0.657	1.40	<0.1	210
#GT3270		22.4	0.004	0.02	0.21	45.1	3	1.0	157.0	0.40	<0.05	0.6	1.135	0.14	<0.1	393
#GT3271		135.0	0.003	0.12	0.14	62.6	2	1.2	75.3	0.17	0.09	0.4	0.402	0.80	<0.1	290
#GT3272		27.6	0.004	0.05	0.15	41.5	2	1.4	218	0.40	<0.05	1.5	0.782	0.25	0.3	294
#GT3273		67.7	0.004	0.01	0.44	32.5	2	0.8	138.5	0.29	<0.05	0.5	0.868	0.44	<0.1	331
#GT3274		368	0.006	<0.01	0.30	1.1	1	19.5	49.2	>100	0.07	1.8	0.026	1.75	2.1	9
#GT3275		2.0	0.002	0.09	0.06	1.3	2	0.3	79.6	0.26	<0.05	<0.2	0.033	0.03	<0.1	8
#GT3276		32.5	0.003	0.03	0.29	47.4	2	1.0	178.0	0.65	<0.05	0.5	0.571	0.31	<0.1	284
#GT3277		9.2	0.004	0.02	0.15	43.3	3	0.6	148.5	0.33	<0.05	0.3	0.578	0.05	<0.1	383
#GT3278		14.7	0.003	0.01	0.15	46.0	1	0.7	67.5	0.18	<0.05	0.3	0.400	0.08	<0.1	245
#GT3279		19.1	0.002	<0.01	0.09	30.8	2	1.4	116.5	0.52	<0.05	1.3	0.521	0.16	0.2	149
#GT3280		6.9	0.002	0.04	0.06	36.4	2	0.8	105.0	0.30	<0.05	0.6	0.432	0.09	0.1	274
#GT3281		6.5	0.002	<0.01	0.12	35.1	2	1.0	112.0	0.31	<0.05	0.4	0.659	0.03	<0.1	325
#GT3282		8.6	0.002	<0.01	0.17	35.9	2	1.0	194.0	0.31	<0.05	3.6	0.434	0.03	0.4	195
#GT3283		14.3	0.002	<0.01	0.13	52.2	2	0.9	96.5	0.22	<0.05	0.4	0.488	0.06	<0.1	262
#GT3284		6.5	0.003	0.01	0.19	38.0	3	0.8	111.5	0.46	<0.05	0.7	0.906	0.05	0.1	330
#GT3285		38.2	0.003	0.01	0.23	42.5	2	0.9	76.3	0.23	<0.05	0.3	0.451	0.18	<0.1	219
#GT3286		5.3	0.003	0.02	0.15	39.4	3	0.9	119.5	0.37	<0.05	0.6	0.906	0.03	0.1	289

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H373247		5.5	21.1	122	16.5	
H373248		3.4	26.9	104	30.4	
H373249		3.4	29.1	109	65.1	
H373250		3.4	20.6	69	66.3	
H373251		5.2	31.6	163	59.7	
H373252		3.1	26.5	130	71.3	
H373253		3.2	27.0	110	19.3	
H373254		3.9	24.4	109	12.5	
H373255		3.3	27.1	143	56.4	
H373256		3.1	33.0	121	72.3	
H373257		5.2	30.3	245	22.8	
H373258		3.2	23.4	104	52.0	
H373259		3.5	23.9	116	50.4	
H373260		0.1	3.8	3	5.1	
H373261		0.6	19.0	115	18.2	0.003
H373262		3.3	19.6	108	10.5	
H373263		3.2	18.4	77	12.9	
H373264		3.3	17.5	95	0.8	
H373265		3.3	19.5	107	13.3	
H373266		3.3	30.7	92	54.8	
H373267		3.2	24.6	91	15.7	
H373268		3.4	28.5	114	30.1	
H373269		1.4	19.6	117	30.2	
H373270		0.6	33.3	156	66.5	
H373271		0.5	28.2	167	49.2	
H373272		0.4	33.2	170	68.7	
H373273		0.6	24.5	126	45.3	
H373274		1.2	1.8	19	23.2	
H373275		0.1	5.4	2	5.8	
H373276		0.6	25.1	210	13.4	0.002
H373277		0.2	23.2	102	12.2	
H373278		0.2	18.0	69	8.1	0.003
H373279		0.2	37.3	127	111.0	
H373280		0.2	21.3	84	22.7	
H373281		0.7	24.0	127	24.9	
H373282		0.6	23.4	115	86.8	
H373283		1.5	32.8	150	32.8	
H373284		0.5	32.3	142	83.3	
H373285		0.4	24.7	65	34.5	
H373286		0.4	32.7	142	62.3	

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CERTIFICATE OF ANALYSIS TB09115251

Sample Description	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
H373287	0.48	0.08	7.89	0.2	60	0.44	0.11	6.86	0.10	15.95	63.1	138	1.06	82.4	9.21
H373288	0.50	0.03	6.29	0.2	50	0.74	0.16	7.76	0.09	13.45	56.9	135	3.39	37.2	8.65
H373289	0.50	0.04	7.80	<0.2	70	0.39	0.01	6.70	0.07	12.40	48.1	177	0.69	44.3	7.25
H373290	0.53	0.02	8.50	0.2	130	0.22	0.04	7.23	0.09	5.93	54.2	63	5.66	39.1	7.50
H373291	0.53	<0.01	0.24	<5	20	0.17	0.01	31.9	<0.02	1.45	1.3	2	0.07	2.3	0.17
H373292	0.60	0.02	8.48	0.8	120	0.16	0.11	6.87	0.09	9.90	49.3	136	3.09	16.3	7.37
H373293	0.65	0.05	7.69	1.4	50	0.75	0.06	7.74	0.17	5.70	43.3	218	0.67	51.3	7.96
H373294	0.64	0.02	7.49	0.5	110	0.39	0.01	6.50	0.09	8.93	56.6	93	1.18	49.8	9.49
H373295	0.63	0.14	7.15	0.4	80	0.35	0.02	6.35	0.03	8.42	64.8	43	1.90	224	9.62
H373296	0.66	0.02	7.49	0.4	80	0.48	0.07	3.88	0.23	12.85	40.8	88	2.12	18.3	11.05
H373297	0.83	0.08	7.41	0.4	80	4.52	0.02	6.43	0.08	5.64	55.4	267	2.22	68.8	8.18
H373301	0.49	0.01	6.43	0.8	100	2.96	0.77	6.35	0.19	17.65	37.1	12	4.07	8.4	10.05
H373302	0.54	0.03	7.14	<0.2	20	0.60	0.01	5.42	0.08	15.45	53.9	85	7.48	38.1	10.00
H373303	0.34	0.04	6.47	0.7	210	1.27	0.10	3.70	0.20	41.3	16.7	4	11.00	25.6	11.50
H373304	0.48	0.02	1.70	0.3	210	0.83	0.29	5.68	0.16	5.92	48.8	77	31.0	28.1	9.38
H373305	0.71	0.05	7.06	<0.2	30	0.32	0.05	4.95	0.22	5.32	33.8	16	2.14	26.3	10.40
H373306	0.42	0.03	7.42	0.2	60	0.36	0.01	6.65	0.13	10.85	51.8	66	2.08	65.7	8.50
H373307	0.76	<0.01	0.09	<5	10	<0.05	<0.01	31.6	<0.02	1.08	1.1	2	0.05	1.2	0.13
H373308	0.43	0.05	7.63	0.3	40	0.71	0.30	7.23	0.13	10.10	56.8	78	3.64	70.8	9.13
H373309	1.37	<0.01	0.20	0.3	<10	0.07	<0.01	0.05	<0.02	0.11	0.6	20	1.70	1.4	0.26
H373310	0.34	0.03	7.11	<0.2	20	0.21	0.08	6.27	0.10	9.60	44.2	120	0.88	24.4	7.32
H373311	0.48	0.04	8.00	<0.2	20	0.40	0.07	5.75	0.18	6.25	35.7	126	2.18	35.9	8.51
H373312	0.39	0.04	7.33	0.2	20	0.55	0.09	7.41	0.10	9.34	49.3	100	4.67	44.3	8.94
H373313	0.68	0.04	7.80	0.6	30	0.36	<0.01	6.23	0.12	9.66	53.8	41	0.86	55.4	10.10
H373314	0.97	0.02	7.21	1.5	20	0.24	<0.01	3.24	0.05	15.65	51.3	48	2.87	47.5	10.35
H373315	0.43	0.08	7.35	5.4	30	3.24	1.15	7.21	0.15	14.00	48.2	60	0.85	61.3	8.44
H373316	0.54	0.15	7.19	0.8	60	3.43	0.16	5.01	0.12	5.87	45.5	2	1.22	74.7	11.25
H373317	0.41	0.07	6.74	0.2	80	1.08	0.04	5.10	0.26	22.9	28.3	3	13.35	32.8	12.25
H373318	0.47	0.04	6.35	0.2	70	0.73	0.04	4.56	0.29	13.15	31.1	4	13.20	9.4	10.20
H373319	0.48	0.06	6.77	0.2	30	0.61	0.01	3.59	0.10	6.78	29.2	12	77.3	46.7	11.20
H373320	0.37	0.03	6.16	0.5	20	0.45	0.10	5.76	0.08	7.11	42.0	97	7.43	31.0	10.05
H373321	0.36	0.02	6.21	0.2	140	1.14	0.05	4.66	0.25	23.6	24.8	17	16.55	31.7	11.45

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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625-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
HGT3287		17.65	0.17	1.8	0.059	0.15	5.9	13.2	3.57	1170	0.06	2.19	4.2	153.0	400	2.5
HGT3288		20.4	0.19	1.3	0.045	0.22	5.8	15.6	4.15	1460	0.18	1.38	3.4	172.5	280	3.5
HGT3289		19.20	0.18	1.5	0.048	0.18	5.0	11.1	3.25	1200	0.25	1.82	3.7	138.5	320	1.8
HGT3290		16.75	0.18	0.8	0.043	0.54	2.4	16.9	6.02	1320	0.10	1.54	2.2	182.0	210	0.8
HGT3291		0.97	0.29	0.1	<0.005	0.05	1.5	1.8	1.80	121	<0.05	0.06	0.4	1.8	10	<0.5
HGT3292		16.00	0.11	0.4	0.004	0.28	4.6	21.4	6.69	1170	0.15	1.35	2.1	148.0	180	1.0
HGT3293		13.75	0.11	0.5	0.057	0.23	2.2	18.2	4.35	1270	1.17	1.86	2.0	92.0	200	1.1
HGT3294		19.20	0.10	0.9	0.064	0.22	2.3	12.0	4.13	1580	0.28	2.01	3.3	89.9	320	1.3
HGT3295		18.65	0.09	0.6	0.092	0.21	3.3	13.3	3.82	1460	0.39	2.24	2.7	52.8	400	2.1
HGT3296		22.6	0.12	1.4	0.090	0.30	5.7	16.5	5.14	1740	0.31	2.09	4.8	47.8	560	2.3
HGT3297		15.55	0.11	0.9	0.053	0.34	2.0	17.7	5.15	1500	1.26	2.12	1.7	109.5	410	2.0
HGT3301		21.8	0.10	1.6	0.100	0.29	8.9	41.7	1.05	2150	0.37	1.24	6.9	23.8	1230	3.1
HGT3302		22.3	0.13	1.8	0.079	0.12	4.5	62.9	3.50	1490	0.17	3.65	4.4	86.0	400	1.4
HGT3303		28.5	0.16	6.2	0.160	0.32	17.0	59.5	1.38	1780	0.85	2.58	12.1	2.0	1630	3.8
HGT3304		23.7	0.11	1.6	0.098	0.48	2.1	185.5	2.78	1540	1.43	2.26	4.6	80.2	520	4.1
HGT3305		14.60	0.13	1.1	0.079	0.11	2.0	324	3.50	1440	0.21	1.95	1.9	14.2	280	2.2
HGT3306		16.45	0.10	1.1	0.073	0.21	4.5	42.4	3.19	1770	0.22	1.63	3.3	89.3	400	1.8
HGT3307		0.32	<0.05	<0.1	<0.005	0.02	1.3	1.4	2.12	109	<0.05	0.05	0.2	<0.2	70	0.7
HGT3308		17.35	0.10	0.7	0.066	0.21	3.7	68.7	3.69	1660	0.21	1.72	3.0	101.5	360	2.6
HGT3309		0.85	<0.05	<0.1	<0.005	<0.01	<0.5	5.1	0.05	19	0.14	0.03	0.1	1.8	<10	0.6
HGT3310		19.55	0.09	0.5	0.062	0.07	3.5	12.9	3.05	1900	0.16	1.18	2.4	85.5	280	1.2
HGT3311		18.60	0.10	1.1	0.062	0.11	2.2	31.1	4.10	1520	0.44	2.50	2.8	82.3	350	1.9
HGT3312		18.30	0.13	0.5	0.063	0.12	3.6	21.6	3.88	1580	0.36	1.40	3.0	84.3	300	1.6
HGT3313		19.30	0.12	0.9	0.070	0.19	3.8	46.7	3.15	1660	0.21	1.65	3.6	39.1	450	1.3
HGT3314		19.30	0.11	1.3	0.065	0.53	4.4	115.5	0.23	1630	0.15	1.82	3.9	40.7	510	1.0
HGT3315		22.6	0.11	0.8	0.064	0.14	7.3	21.7	2.72	1630	0.76	1.72	3.5	77.6	410	2.1
HGT3316		17.65	0.11	1.4	0.064	0.28	1.8	13.6	1.94	2030	1.39	1.88	4.3	11.7	560	0.4
HGT3317		26.2	0.12	3.3	0.151	0.39	9.4	63.1	1.60	2290	0.51	2.21	8.4	16.0	1800	3.2
HGT3318		23.6	0.12	3.0	0.121	0.25	9.0	92.5	1.60	2190	0.56	3.07	7.7	11.2	1020	4.2
HGT3319		24.1	0.13	3.9	0.095	0.27	3.9	480	3.99	1530	0.66	2.68	6.9	19.2	760	2.5
HGT3320		23.4	0.14	1.6	0.074	0.15	2.9	80.3	3.56	1460	0.36	2.56	4.2	64.6	500	1.9
HGT3321		25.0	0.14	2.8	0.162	0.42	9.2	71.9	1.42	2360	0.34	1.75	8.6	13.3	1890	3.1

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VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units Lod	Mo ppm 0.1	Pb ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sr ppm 0.2	Th ppm 0.2	Ti % 0.001	Tl ppm 0.05	U ppm 0.2	W ppm 0.05	Ti % 0.005	V ppm 0.1	V ppm 1
H373287		0.8	0.002	0.01	0.11	35.1	2	0.8	116.5	0.29	<0.05	0.9	0.440	<0.02	0.1	186
H373288		4.2	0.002	0.03	0.06	26.9	2	0.4	151.5	0.25	0.05	0.7	0.369	0.02	<0.1	167
H373289		0.6	0.002	0.01	0.06	29.7	2	0.7	135.5	0.24	<0.05	0.6	0.375	<0.02	<0.1	169
H373290		22.1	0.002	<0.01	0.12	32.0	2	0.5	229	0.16	<0.05	0.3	0.247	0.11	<0.1	166
H373291		1.5	<0.002	<0.01	<0.05	0.4	2	<0.2	77.8	<0.05	<0.05	0.2	0.009	<0.02	5.3	3
H373292		13.7	0.003	<0.01	0.35	37.7	2	1.2	124.0	0.14	<0.05	0.4	0.237	0.05	<0.1	189
H373293		2.0	0.004	0.02	0.17	52.3	2	0.5	129.0	0.14	<0.05	0.3	0.298	0.02	<0.1	227
H373294		7.4	<0.002	<0.01	0.28	42.5	1	0.6	144.5	0.29	<0.05	0.3	0.618	0.04	0.1	260
H373295		4.3	0.019	0.25	0.20	46.2	3	1.0	92.5	0.20	0.17	0.4	5.554	0.03	0.3	258
H373296		6.9	<0.002	0.01	0.20	43.0	2	0.9	162.0	0.34	<0.05	0.6	0.963	0.06	0.1	306
H373297		11.2	0.003	<0.01	0.20	48.7	1	0.6	130.5	0.12	<0.05	0.3	0.458	0.06	0.1	250
H373301		25.2	<0.002	0.01	0.17	37.2	2	1.6	150.0	0.48	<0.05	0.6	0.955	0.24	0.2	180
H373302		4.2	<0.002	<0.01	0.16	37.0	2	0.8	112.5	0.31	<0.05	0.4	0.838	0.03	0.1	283
H373303		21.5	<0.002	0.10	0.12	37.3	3	2.0	170.0	0.86	<0.05	1.7	1.035	0.15	0.4	43
H373304		39.7	0.003	0.02	0.09	38.5	2	1.1	239	0.32	<0.05	0.6	0.910	0.31	0.1	316
H373305		4.0	<0.002	0.07	0.09	66.9	2	0.5	67.7	0.15	<0.05	0.3	0.420	0.03	0.1	386
H373306		5.7	<0.002	<0.01	0.09	64.1	1	0.7	144.0	0.24	<0.05	0.4	0.529	0.02	0.1	256
H373307		0.4	<0.002	0.01	0.06	0.5	2	<0.2	75.0	<0.05	<0.05	<0.2	0.008	<0.02	0.1	<1
H373308		10.8	<0.002	0.02	0.15	66.1	2	1.0	157.0	0.21	<0.05	0.3	0.536	0.09	0.1	289
H373309		1.1	<0.002	<0.01	<0.05	1.1	1	<0.2	8.1	<0.05	<0.05	<0.2	0.009	0.02	<0.1	10
H373310		2.0	<0.002	<0.01	0.12	44.0	2	0.6	78.3	0.17	<0.05	0.2	0.473	0.02	0.1	252
H373311		1.7	0.002	0.02	0.09	45.5	2	0.7	92.1	0.20	<0.05	0.3	0.521	<0.02	0.1	270
H373312		3.2	0.002	0.01	0.19	46.9	2	0.8	121.5	0.21	<0.05	0.3	0.527	0.02	0.1	273
H373313		3.0	0.002	<0.01	<0.05	43.8	2	0.6	343	0.25	<0.05	0.5	0.601	0.02	0.1	298
H373314		3.8	<0.002	0.01	<0.05	42.0	1	0.4	509.5	0.26	<0.05	0.5	0.704	0.02	0.1	301
H373315		2.8	<0.002	0.01	0.20	39.8	1	1.3	94.8	0.28	<0.05	0.5	0.515	<0.02	0.1	236
H373316		10.2	<0.002	0.01	0.10	49.8	2	0.6	116.5	0.30	<0.05	0.6	0.690	0.08	0.1	313
H373317		16.1	0.002	0.02	0.11	41.3	2	1.6	163.5	0.60	<0.05	1.0	0.999	0.11	0.2	133
H373318		12.4	0.002	<0.01	0.10	38.1	2	1.5	213	0.51	<0.05	0.9	1.065	0.08	0.2	239
H373319		50.1	0.003	0.01	0.15	42.6	2	1.0	98.2	0.48	<0.05	0.8	1.090	0.39	0.2	367
H373320		5.1	<0.002	0.01	0.17	37.6	2	0.8	147.0	0.31	<0.05	0.5	0.822	0.05	0.1	299
H373321		46.5	<0.002	0.03	0.13	34.2	3	1.7	104.0	0.59	<0.05	1.0	0.822	0.31	0.2	133

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115251

Sample Description	Method Analyte Units Lab	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
HI73287		0.2	22.6	162	63.4	
HI73288		0.3	18.5	107	41.3	
HI73289		0.1	16.3	87	52.3	
HI73290		0.1	16.1	69	24.3	
HI73291		0.1	3.3	3	4.3	
HI73292		0.2	16.3	52	6.8	
HI73293		0.2	21.0	131	8.7	
HI73294		0.2	19.4	97	22.1	
HI73295		0.2	15.4	49	12.1	
HI73296		0.3	36.3	126	43.9	
HI73297		0.2	18.0	83	25.3	
HI73301		4.6	37.8	160	43.3	
HI73302		0.3	24.4	97	59.3	
HI73303		1.4	62.3	181	207	
HI73304		3.0	24.8	130	51.6	
HI73305		0.2	28.1	138	34.1	
HI73306		0.2	25.5	108	36.8	
HI73307		0.1	2.4	<2	1.7	
HI73308		0.5	22.9	105	16.4	
HI73309		0.1	0.1	<2	<0.5	
HI73310		0.3	20.3	78	8.6	
HI73311		0.2	21.6	113	32.6	
HI73312		0.4	22.4	98	8.6	
HI73313		0.2	26.1	114	27.7	
HI73314		0.1	16.2	119	41.0	
HI73315		20.4	22.7	97	22.5	
HI73316		0.2	36.1	159	45.2	
HI73317		3.5	50.5	199	104.0	
HI73318		0.4	41.7	181	106.0	
HI73319		0.3	40.4	112	131.5	
HI73320		0.4	23.6	96	46.1	
HI73321		0.8	56.3	177	87.2	0.003

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115251

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As;ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 26-OCT-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09115252

Project: TNR-Mavis

P.O. No.:

This report is for 90 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11654
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units Lab	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
H373322		0.64	<0.01	0.16	<5	40	<0.05	<0.01	32.2	<0.02	1.66	0.8	2	0.10	1.9	0.17
H373323		0.30	0.06	7.52	0.4	40	0.64	0.25	5.46	0.13	8.25	36.8	69	14.15	48.2	9.18
H373324		0.43	0.06	6.45	0.4	130	0.92	0.39	4.27	0.09	21.3	19.5	1	13.10	10.0	11.30
H373325		0.38	0.03	7.26	0.3	30	0.48	0.02	0.83	0.21	7.74	53.4	78	2.64	63.3	10.70
H373326		0.41	0.06	7.63	0.5	50	2.76	0.56	6.24	0.26	6.06	35.2	157	74.0	50.3	8.20
H373327		0.38	0.05	7.52	0.4	120	0.86	0.09	5.53	0.10	11.10	48.3	43	11.30	25.8	11.15
H373328		0.37	0.05	7.62	0.7	160	0.91	0.13	5.36	0.15	6.85	43.9	77	72.0	51.2	11.35
H373329		0.32	0.03	7.48	0.3	50	0.33	0.48	7.84	0.12	8.11	53.1	120	54.6	47.0	9.37
H373330		0.25	0.07	7.48	0.2	80	0.34	0.20	7.52	0.12	10.55	44.3	102	8.46	53.5	9.22
H373331		0.32	0.04	7.82	0.2	60	0.54	<0.01	6.48	0.12	8.46	52.2	46	3.60	56.4	9.66
H373332		0.41	0.02	7.67	0.3	70	0.40	<0.01	6.58	0.09	8.81	51.2	55	3.33	49.7	9.13
H373333		0.32	0.05	8.02	0.3	90	0.69	0.08	7.84	0.11	111.5	39.4	55	5.03	49.2	9.72
H373334		0.27	0.04	8.31	0.2	50	0.35	0.52	7.10	0.09	9.65	45.6	45	4.52	42.1	7.71
H373335		0.42	0.04	7.44	<0.2	60	0.29	0.06	4.61	0.02	12.40	39.3	6	2.33	68.4	9.87
H373336		0.36	0.07	7.71	<0.2	40	0.29	0.02	8.61	0.20	12.85	51.7	33	1.28	24.8	10.15
H373337		0.44	0.04	7.57	<0.2	100	0.24	<0.01	7.28	0.08	7.92	51.8	45	3.09	22.6	8.72
H373338		0.40	0.01	6.64	0.6	50	3.21	<0.01	0.43	<0.02	1.52	0.4	3	0.61	1.8	0.30
H373339		0.40	0.07	7.52	<0.2	80	2.71	0.48	7.74	0.15	7.67	50.4	48	1.91	98.1	9.83
H373340		0.46	0.07	7.82	<0.2	100	0.48	0.18	4.29	0.23	15.65	26.9	94	22.3	43.8	9.30
H373341		0.56	0.08	7.53	<0.2	40	0.52	0.03	4.91	0.07	15.20	37.9	39	4.56	49.1	11.55
H373342		0.38	0.05	7.72	<0.2	220	1.23	0.64	4.97	0.08	10.30	35.9	10	17.40	65.6	11.15
H373343		0.36	0.03	7.36	<0.2	170	0.27	0.03	6.12	0.10	6.08	44.5	17	10.05	24.9	10.30
H373344		0.55	0.09	8.08	<0.2	140	0.78	0.14	8.01	0.18	16.70	22.9	<1	2.84	60.5	14.65
H373345		0.38	0.11	8.02	<0.2	150	0.22	<0.01	8.23	0.30	9.43	44.7	130	10.25	160.5	10.25
H373346		0.39	0.03	8.16	<0.2	40	0.30	<0.01	6.70	0.12	7.78	55.5	60	3.07	22.3	10.00
H373347		0.49	0.08	8.16	<0.2	60	0.26	0.01	5.90	0.25	6.74	42.2	153	9.12	68.6	9.70
H373348		0.37	0.03	4.57	<0.2	20	0.67	<0.01	6.29	0.13	30.4	66.6	559	3.60	8.1	7.00
H373349		0.31	0.05	7.20	0.5	100	0.66	0.10	5.94	0.13	7.90	38.3	17	21.8	29.4	12.85
H373350		0.41	<0.01	0.11	<5	10	<0.05	<0.01	32.6	<0.02	1.31	0.9	2	0.14	1.0	0.16
H373351		0.41	0.05	8.16	<0.2	40	0.27	0.16	8.96	0.22	12.75	50.3	130	1.16	45.8	8.39
H373352		0.53	0.05	8.92	<5	60	0.24	0.03	10.45	0.13	13.20	57.4	263	3.41	61.4	8.35
H373353		0.33	0.05	8.66	<0.2	40	0.27	0.01	8.86	0.13	13.65	45.4	89	2.96	51.6	8.35
H373354		0.40	0.05	8.54	<0.2	30	0.38	0.06	7.88	0.14	13.55	52.7	109	2.18	36.8	9.54
H373355		0.39	0.05	8.02	2.9	80	0.24	0.54	9.27	0.17	11.25	46.5	54	8.24	117.5	8.30
H373356		0.43	0.05	7.78	<0.2	70	0.27	0.13	7.36	0.12	8.31	48.1	126	0.17	53.7	9.02
H373357		0.41	0.06	8.34	<0.2	60	0.32	0.13	7.01	0.09	8.38	52.5	138	4.89	49.3	8.74
H373358		0.46	0.05	8.47	0.2	100	0.33	<0.01	7.38	0.09	9.28	47.5	193	3.44	49.3	9.21
H373359		0.47	0.04	7.90	<0.2	170	0.19	<0.01	7.20	0.02	7.67	44.5	38	3.16	24.4	8.41
H373360		0.42	0.07	8.05	0.4	50	0.49	0.89	8.09	0.13	12.85	32.2	111	0.85	25.0	10.05
H373361		0.28	0.06	7.90	<0.2	140	0.25	0.01	8.10	0.22	7.62	46.8	6	2.28	47.9	11.00

***** See Appendix Page for comments regarding this certificate *****

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420-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H373322		0.47	<0.05	0.1	<0.005	0.04	1.7	0.8	1.58	165	<0.05	0.07	0.3	<0.2	60	0.7
H373323		17.10	0.12	1.5	0.089	0.17	3.2	51.7	3.69	2070	0.43	3.34	2.8	33.3	350	3.4
H373324		24.3	0.14	3.8	0.121	0.33	8.4	45.6	1.71	2070	1.04	2.87	8.3	2.1	1000	3.7
H373325		21.6	0.18	1.4	0.072	0.18	2.7	88.3	5.40	1660	0.32	1.62	4.2	70.8	480	1.7
H373326		19.95	0.10	0.9	0.054	0.27	2.7	431	2.57	1760	0.44	1.60	2.6	44.5	380	2.7
H373327		20.3	0.15	2.7	0.103	0.30	3.9	94.6	2.65	1730	0.52	2.74	5.6	48.7	620	3.0
H373328		23.9	0.13	2.1	0.088	0.51	2.4	159.0	3.07	1720	0.39	2.18	5.4	60.5	600	2.1
H373329		18.30	0.13	0.6	0.077	0.23	3.4	53.7	3.84	1760	0.42	1.45	3.3	72.5	330	1.3
H373330		18.20	0.13	0.9	0.070	0.16	4.3	62.1	2.81	1690	0.26	1.45	3.5	60.5	420	1.8
H373331		19.40	0.13	1.1	0.068	0.31	3.3	36.2	3.09	1760	0.27	1.92	3.8	71.8	380	1.4
H373332		18.25	0.12	0.7	0.060	0.34	3.5	50.9	3.44	1670	0.13	1.75	2.9	70.6	280	1.4
H373333		19.45	0.09	2.2	0.054	0.15	44.1	15.4	2.22	1190	0.25	2.58	5.2	95.5	1460	6.1
H373334		19.75	0.08	1.1	0.069	0.27	3.1	25.8	2.47	1140	0.54	2.15	3.8	75.5	450	1.5
H373335		18.65	0.09	1.8	0.068	0.27	4.8	18.7	2.39	1040	2.33	2.20	3.8	19.9	390	1.9
H373336		26.3	0.08	0.7	0.076	0.15	5.3	13.3	3.86	1620	0.48	1.82	3.3	82.8	310	6.5
H373337		18.90	0.09	0.8	0.070	0.09	2.8	20.5	4.29	1700	0.24	1.90	2.9	76.3	280	1.4
H373338		23.7	<0.05	1.3	<0.005	3.37	0.5	7.5	0.83	37	0.05	3.30	4.2	0.7	20	61.4
H373339		20.9	0.11	0.9	0.062	0.22	2.6	34.2	4.45	1640	1.51	1.72	3.8	71.8	230	7.2
H373340		22.3	0.09	2.4	0.086	0.34	6.6	300	3.27	1570	1.23	2.93	5.8	43.8	640	3.1
H373341		20.6	0.09	2.9	0.102	0.16	6.3	19.6	2.83	1750	0.27	2.87	5.1	24.9	820	1.6
H373342		17.60	0.09	2.6	0.091	0.65	4.3	98.0	2.49	2000	0.43	2.84	5.5	14.3	650	3.9
H373343		15.45	0.07	1.1	0.076	0.50	2.2	18.4	2.75	1950	0.29	1.83	2.9	20.8	280	1.3
H373344		27.6	0.13	3.0	0.111	0.36	8.8	40.0	2.54	2810	0.27	2.22	10.6	0.5	940	2.4
H373345		18.50	0.09	1.0	0.083	0.33	1.8	55.0	4.30	2160	0.21	2.14	2.9	54.5	370	1.7
H373346		19.25	0.09	1.1	0.081	0.15	2.6	21.4	3.99	1760	0.22	2.02	4.1	68.8	410	1.2
H373347		18.10	0.09	1.3	0.071	0.22	2.4	41.1	3.83	2180	0.66	2.54	3.5	52.5	400	2.5
H373348		14.50	0.12	3.0	0.091	0.11	9.8	75.9	11.65	1160	0.16	0.40	3.3	839	900	0.8
H373349		27.2	0.10	2.4	0.122	0.39	2.6	22.0	2.40	2000	0.25	2.62	7.4	17.8	760	2.0
H373350		0.36	<0.05	0.1	<0.005	0.02	1.5	1.2	2.39	154	0.19	0.04	0.3	1.7	80	<0.5
H373351		17.15	0.09	0.8	0.075	0.15	4.9	16.0	3.50	1630	0.19	2.12	3.5	75.1	410	3.0
H373352		16.10	0.08	0.6	0.065	0.19	5.4	16.9	3.02	1800	0.13	1.62	3.3	147.0	370	1.7
H373353		15.95	0.08	0.8	0.072	0.12	5.4	19.8	2.15	1460	0.18	2.76	4.1	57.7	480	2.0
H373354		20.5	0.09	1.0	0.073	0.17	5.7	18.6	3.80	1640	0.08	1.64	4.1	98.1	440	1.6
H373355		15.05	0.08	0.6	0.071	0.20	4.8	13.8	2.58	1560	0.27	1.24	2.9	43.9	320	1.9
H373356		14.70	0.07	0.8	0.065	0.24	2.1	34.3	4.17	1610	0.56	1.73	2.7	58.3	210	1.7
H373357		17.75	0.09	1.0	0.064	0.30	3.1	21.4	3.62	1680	0.24	2.05	3.9	147.0	420	3.0
H373358		19.00	0.09	1.4	0.064	0.32	4.1	20.8	3.73	1420	0.32	1.55	3.8	115.5	370	1.6
H373359		15.95	0.08	0.6	0.055	0.60	2.9	31.2	3.01	1640	0.21	1.40	3.0	64.4	330	1.0
H373360		25.1	0.10	1.1	0.085	0.23	5.3	24.8	3.16	1500	1.21	1.25	4.4	34.0	400	6.5
H373361		17.35	0.08	1.7	0.086	0.40	2.5	24.6	2.76	2130	0.29	1.86	4.0	21.6	450	3.7

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOR	MS-MS61 Ag ppm 0.1	MS-MS61 As ppm 0.002	MS-MS61 S % 0.01	MS-MS61 Sb ppm 0.05	MS-MS61 Sc ppm 0.1	MS-MS61 Se ppm 1	MS-MS61 Sn ppm 0.2	MS-MS61 Sr ppm 0.2	MS-MS61 Ta ppm 0.05	MS-MS61 Te ppm 0.02	MS-MS61 Th ppm 0.2	MS-MS61 Ti % 0.005	MS-MS61 Tl ppm 0.02	MS-MS61 U ppm 0.1	MS-MS61 V ppm 1
KGT3322		1.2	<0.002	<0.01	<0.05	0.4	2	<0.2	83.8	<0.05	<0.05	0.2	0.009	<0.02	0.1	11
KGT3323		15.8	<0.002	0.01	0.11	50.1	2	1.0	109.0	0.21	<0.05	0.5	0.540	0.13	0.1	291
KGT3324		15.1	<0.002	0.13	0.11	39.2	3	1.2	167.0	0.57	0.06	1.5	1.235	0.09	0.3	159
KGT3325		3.4	0.002	0.05	0.23	32.5	2	0.8	134.5	0.31	<0.05	0.4	0.826	0.02	0.1	270
KGT3326		108.5	<0.002	0.02	0.10	33.4	2	2.5	131.0	0.20	<0.05	0.4	0.423	0.05	0.1	224
KGT3327		14.8	<0.002	0.01	0.15	36.9	2	1.0	203	0.40	<0.05	0.6	0.977	0.10	0.2	328
KGT3328		184.5	<0.002	0.01	0.25	35.0	2	1.2	159.5	0.39	<0.05	0.6	0.948	1.22	0.2	287
KGT3329		74.1	<0.002	0.01	0.14	48.0	1	2.2	131.0	0.26	<0.05	0.3	0.580	0.56	0.1	260
KGT3330		18.4	<0.002	0.01	0.13	44.0	2	0.8	104.0	0.23	<0.05	0.4	0.668	0.15	0.1	252
KGT3331		12.8	0.002	0.01	0.07	42.0	2	0.8	165.0	0.25	<0.05	0.5	0.557	0.09	0.1	268
KGT3332		12.6	<0.002	<0.01	0.07	44.4	2	0.7	119.5	0.21	<0.05	0.3	0.543	0.08	0.1	270
KGT3333		8.5	<0.002	0.02	0.24	26.0	2	0.8	539	0.31	<0.05	9.7	0.446	0.07	1.5	168
KGT3334		16.1	<0.002	0.02	0.19	37.4	2	1.0	117.0	0.26	<0.05	0.5	0.497	0.12	0.2	240
KGT3335		11.0	0.002	0.01	0.08	42.9	2	0.8	41.1	0.25	0.05	0.8	0.592	0.05	0.2	281
KGT3336		3.5	0.002	0.01	0.33	38.8	2	0.7	84.6	0.21	0.07	0.4	0.682	0.03	0.1	316
KGT3337		18.7	<0.002	0.01	0.28	40.7	2	0.8	273	0.35	<0.05	0.3	0.606	0.10	0.1	291
KGT3338		209	<0.002	<0.01	0.07	0.6	1	0.2	79.4	0.30	<0.05	3.1	0.017	1.64	2.0	4
KGT3339		11.2	0.003	0.05	0.35	40.7	2	0.9	191.5	0.20	<0.05	0.7	0.596	0.11	0.3	292
KGT3340		32.9	0.003	0.13	0.18	32.4	3	1.0	162.5	0.36	0.07	1.5	0.884	0.34	0.4	299
KGT3341		3.3	0.002	0.02	0.11	42.5	2	1.1	82.9	0.32	<0.05	0.7	0.911	0.02	0.2	345
KGT3342		30.6	<0.002	0.02	0.09	52.4	2	0.9	191.5	0.34	<0.05	0.9	0.751	0.21	0.2	346
KGT3343		31.9	<0.002	0.01	0.09	58.0	2	1.2	138.0	0.15	<0.05	0.4	0.462	0.11	0.1	278
KGT3344		20.8	<0.002	0.16	0.15	26.2	3	0.9	309	0.62	0.07	0.9	1.675	0.12	0.3	106
KGT3345		20.3	<0.002	0.03	0.11	47.4	2	0.8	96.8	0.18	0.05	0.2	0.570	0.09	0.1	303
KGT3346		2.8	<0.002	<0.01	0.08	47.3	2	0.8	85.7	0.26	<0.05	0.4	0.635	0.02	0.1	307
KGT3347		16.9	0.002	0.04	0.13	44.3	2	0.8	174.5	0.22	<0.05	0.4	0.581	0.10	0.1	293
KGT3348		4.9	<0.002	<0.01	0.09	19.4	1	1.0	38.9	0.21	<0.05	2.7	0.279	0.03	0.7	119
KGT3349		22.7	0.002	0.02	0.26	43.7	2	1.4	232	0.41	<0.05	0.8	1.275	0.13	0.2	455
KGT3350		1.0	<0.002	<0.01	0.05	5.0	2	<0.2	79.5	<0.05	<0.05	<0.2	0.011	<0.02	0.1	2
KGT3351		3.4	<0.002	<0.01	0.19	44.9	2	0.9	82.1	0.21	<0.05	0.4	0.569	0.04	0.1	279
KGT3352		4.8	<0.002	0.02	0.16	42.2	2	0.7	177.0	0.20	<0.05	0.4	0.518	0.06	0.1	254
KGT3353		3.5	<0.002	<0.01	0.14	36.6	2	0.9	99.6	0.25	<0.05	0.5	0.579	0.03	0.1	269
KGT3354		2.5	0.002	<0.01	0.11	38.0	2	0.9	143.0	0.26	<0.05	0.5	0.576	0.02	0.1	260
KGT3355		8.3	<0.002	0.09	0.41	48.2	2	0.6	176.5	0.19	0.07	0.5	0.645	0.05	0.1	248
KGT3356		12.5	<0.002	0.01	0.12	49.7	2	0.6	171.5	0.17	<0.05	0.4	0.452	0.07	0.1	251
KGT3357		5.5	<0.002	0.01	0.14	31.1	2	1.0	142.0	0.27	0.05	0.9	0.467	0.04	0.2	192
KGT3358		7.3	<0.002	<0.01	0.22	30.7	2	0.9	126.0	0.26	<0.05	0.9	0.434	0.05	0.2	189
KGT3359		26.2	<0.002	<0.01	0.15	47.6	2	1.3	40.8	0.19	<0.05	0.4	0.476	0.09	0.1	252
KGT3360		4.0	<0.002	0.13	3.73	34.9	3	0.6	240	0.27	<0.05	0.5	0.649	0.07	0.2	310
KGT3361		13.6	<0.002	<0.01	0.07	46.7	2	0.8	232	0.35	<0.05	0.5	0.649	0.06	0.2	311

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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LNR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H373322		0.1	2.9	<2	3.8	
H373323		0.9	25.0	110	67.5	
H373324		1.3	38.3	124	127.5	
H373325		0.3	24.0	181	40.6	
H373326		2.6	18.2	190	29.3	
H373327		0.4	32.0	123	84.3	
H373328		0.7	27.4	126	67.7	
H373329		0.8	24.1	103	19.6	
H373330		0.3	24.5	100	23.6	
H373331		0.2	26.2	114	33.3	
H373332		0.1	22.8	102	13.9	
H373333		0.3	19.3	90	90.3	
H373334		0.5	23.7	59	36.9	
H373335		0.2	28.8	99	60.5	
H373336		0.5	20.1	92	14.0	
H373337		0.2	18.2	94	11.3	
H373338		0.1	1.0	5	23.2	
H373339		0.6	17.1	115	21.6	
H373340		86.7	24.5	129	82.9	
H373341		0.4	31.8	114	80.1	
H373342		0.3	36.7	125	86.8	
H373343		0.3	28.1	113	32.7	
H373344		0.7	27.9	176	103.5	
H373345		0.3	24.8	209	33.3	
H373346		0.1	26.1	128	36.8	
H373347		0.2	24.4	142	46.1	
H373348		0.2	17.9	101	108.0	
H373349		0.6	36.2	149	93.2	
H373350		0.2	2.8	3	2.3	
H373351		0.6	23.1	342	13.1	
H373352		0.3	20.8	115	10.3	
H373353		0.8	25.8	135	26.3	
H373354		0.3	23.2	133	32.9	
H373355		0.5	25.8	140	17.7	
H373356		0.5	25.2	114	23.7	
H373357		0.6	21.2	115	52.0	
H373358		0.2	20.1	111	50.6	
H373359		0.2	25.0	45	17.8	
H373360		0.5	22.1	114	30.6	
H373361		0.2	33.8	225	57.8	

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VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H073362		0.36	0.04	8.45	1.1	120	0.33	0.01	6.42	0.09	5.94	43.8	72	2.02	23.8	6.88
H073363		0.73	0.07	8.13	<0.2	110	0.51	0.21	7.36	0.09	10.10	64.8	201	1.29	144.0	8.56
H073364		0.53	0.05	8.91	<0.2	50	0.43	<0.01	7.60	0.07	17.80	61.8	169	2.01	42.6	6.79
H073365		0.91	0.15	8.45	<0.2	130	0.39	0.16	6.15	0.10	13.35	48.8	284	3.89	150.0	6.44
H073366		0.44	0.04	8.09	<0.2	300	0.83	0.10	6.15	0.09	30.2	37.8	216	6.55	52.8	5.93
H073367		0.46	0.01	0.43	<5	20	0.17	<0.01	28.9	<0.02	1.40	1.1	4	0.10	2.8	0.16
H073368		0.39	0.04	7.59	<0.2	70	0.30	<0.01	7.56	0.12	8.30	57.3	48	1.17	36.8	9.15
H073369		0.84	0.03	7.02	0.7	50	0.43	0.04	6.03	0.13	5.59	53.4	44	3.60	37.0	9.58
H073370		0.50	0.02	6.80	0.7	130	0.71	0.11	7.03	0.15	8.17	45.6	221	2.64	22.4	8.57
H073371		0.52	0.05	6.73	0.7	50	0.43	0.01	5.91	0.14	5.34	59.4	44	1.80	29.2	10.15
H073372		0.51	0.04	6.94	0.4	70	0.14	0.14	5.35	0.11	7.20	37.7	42	19.95	22.7	11.00
H073373		0.63	0.12	6.88	0.3	70	0.66	0.02	4.88	0.17	6.69	39.2	30	12.10	39.1	11.25
H073374		0.31	0.03	6.45	0.4	290	1.91	0.07	4.16	0.10	18.40	17.9	1	18.35	9.5	10.20
H073375		0.61	0.09	7.27	0.7	50	1.12	0.28	7.00	0.17	12.00	48.1	50	5.50	56.8	9.65
H073376		0.67	0.04	7.64	0.9	150	13.70	0.21	9.53	0.15	11.25	33.3	112	5.44	56.0	7.27
H073377		0.57	<0.01	6.62	1.1	30	51.4	0.16	0.37	<0.02	3.35	0.6	4	3.71	3.2	0.21
H073378		0.61	0.07	7.03	0.4	40	0.69	0.16	7.55	0.08	9.15	46.6	111	3.02	88.2	8.32
H073379		0.54	0.02	7.55	0.4	10	0.50	0.02	5.49	0.13	7.74	45.3	126	1.46	21.3	10.35
H073380		0.62	0.06	7.37	0.3	230	0.61	0.02	4.64	0.17	5.69	43.5	116	13.55	42.7	8.05
H073381		0.56	0.02	7.56	0.6	180	0.62	0.12	6.20	0.08	9.06	48.7	68	32.5	26.5	9.83
H073382		0.29	0.04	7.68	0.4	180	0.67	0.01	6.03	0.14	8.40	44.2	75	8.03	25.5	11.40
H073383		0.51	0.04	8.38	0.5	80	0.38	<0.01	7.05	0.10	7.53	44.6	87	3.15	38.9	8.60
H073384		0.27	<0.01	0.13	<5	20	0.27	<0.01	34.3	0.02	0.30	0.9	2	0.28	1.4	0.21
H073385		0.46	0.04	8.06	1.5	60	1.86	0.22	8.91	0.09	9.86	48.2	40	5.14	47.0	7.99
H073386		0.68	0.03	7.01	0.7	40	0.61	0.25	7.83	0.14	16.25	46.7	104	6.05	23.2	8.15
H073387		0.44	0.02	7.73	0.6	50	0.52	<0.01	6.87	0.08	12.20	52.4	135	3.62	31.1	8.22
H073388		0.52	0.02	7.07	0.5	80	0.44	<0.01	6.23	0.11	4.44	50.7	45	5.78	25.0	9.55
H073389		0.39	0.03	8.01	1.2	70	0.39	0.91	8.10	0.09	7.36	46.9	7	1.71	62.1	10.25
H073390		0.44	0.04	7.85	0.3	50	0.41	0.06	6.54	0.06	7.73	40.6	85	3.83	50.2	8.20
H073391		0.35	0.05	7.28	2.3	70	6.43	0.73	4.50	0.23	5.73	44.2	86	469	39.0	10.05
H073392		0.56	<0.01	8.79	1.2	40	179.0	5.24	0.70	0.09	3.82	3.6	8	91.7	4.3	1.12
H073393		0.58	0.04	7.79	0.7	50	0.99	0.11	6.94	0.10	8.61	45.6	89	4.77	64.6	8.13
H073394		1.11	<0.01	7.08	1.7	20	135.0	4.81	0.73	0.02	4.67	3.7	14	152.5	11.1	0.69
H073395		0.45	0.04	7.51	0.8	60	1.60	0.30	6.41	0.10	4.46	44.7	137	61.8	54.1	9.94
H073396		0.42	0.09	7.04	0.3	110	1.28	0.20	4.89	0.14	15.35	21.7	4	2.53	87.5	10.35
H073397		0.32	0.03	7.82	<0.2	70	0.51	0.06	7.32	0.16	7.79	50.1	51	5.34	5.0	8.49
H073398		0.54	<0.01	0.54	<5	20	0.38	<0.01	27.6	<0.02	1.32	0.9	2	0.24	2.3	0.16
H073399		0.64	0.02	7.50	0.5	30	0.53	0.05	5.34	0.07	5.97	46.2	75	1.52	11.0	9.57
H073400		0.62	0.04	7.61	0.5	40	0.57	0.05	6.38	0.07	9.24	45.7	67	2.56	37.0	10.00
H073401		0.48	0.02	7.89	<0.2	70	0.37	0.01	6.39	0.08	6.35	49.2	87	3.05	41.6	7.76

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Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
HST3362		19.20	0.06	1.3	0.069	0.24	2.0	29.2	3.09	1360	0.41	2.39	3.8	48.4	340	2.1
HST3363		18.80	0.06	0.8	0.054	0.23	4.1	15.1	2.83	1460	10.95	2.81	3.8	124.0	340	7.3
HST3364		19.50	0.05	1.0	0.044	0.20	7.9	11.6	3.50	1100	0.37	1.89	3.6	166.0	430	2.1
HST3365		17.10	0.06	0.8	0.056	0.46	6.3	20.0	3.76	1780	1.82	1.81	3.3	113.5	320	3.2
HST3366		18.75	<0.05	2.0	0.049	0.66	11.9	63.6	4.33	1080	0.43	2.88	3.3	20.7	680	3.8
HST3367		1.47	<0.05	0.2	<0.005	0.19	7.4	2.0	0.44	132	0.06	0.22	0.8	2.0	90	<0.5
HST3368		19.05	0.09	0.5	0.071	0.24	2.1	13.7	4.29	1820	0.22	1.74	3.0	86.4	230	3.8
HST3369		18.80	0.12	0.7	0.066	0.14	2.1	21.3	4.05	1740	0.16	1.31	2.8	94.8	250	1.6
HST3370		15.85	0.15	0.7	0.076	0.39	3.0	11.3	6.83	1570	0.72	1.44	2.5	72.8	530	5.0
HST3371		17.70	0.15	1.3	0.079	0.18	1.9	12.5	4.21	1300	0.27	2.03	2.8	74.5	280	1.6
HST3372		22.7	0.14	2.2	0.096	0.21	2.0	14.6	2.47	1080	0.26	2.46	6.8	27.9	700	1.5
HST3373		21.7	0.12	2.7	0.107	0.32	2.1	78.5	2.66	1160	0.37	2.57	5.5	27.8	740	2.3
HST3374		24.1	0.13	6.5	0.116	0.39	5.7	52.5	0.84	1480	0.39	3.50	13.2	3.0	1800	2.5
HST3375		19.60	0.12	3.8	0.076	0.23	4.7	145.5	2.85	1660	0.51	1.30	4.8	60.4	440	2.3
HST3376		27.9	0.11	0.9	0.059	0.23	4.9	88.9	2.36	1870	0.81	1.46	4.4	49.7	1140	6.5
HST3377		63.3	0.03	2.7	<0.005	0.22	1.8	12.9	0.03	40	0.08	6.81	95.8	1.0	940	5.0
HST3378		18.55	0.10	0.5	0.062	0.14	3.6	155.5	4.26	1500	0.25	1.76	3.1	67.7	300	1.5
HST3379		17.55	0.13	1.3	0.081	0.19	2.0	99.6	3.43	1300	0.18	2.21	3.7	70.2	370	1.5
HST3380		17.60	0.13	1.9	0.076	1.19	2.0	134.5	3.23	1690	0.57	2.24	3.9	52.2	470	2.2
HST3381		23.6	0.14	1.9	0.089	0.56	3.3	44.8	2.76	1470	0.24	2.20	4.8	71.7	490	2.3
HST3382		23.6	0.16	1.8	0.095	0.51	3.8	57.4	2.88	1705	2.48	1.81	5.3	92.2	510	3.7
HST3383		19.00	0.11	0.5	0.065	0.37	2.9	75.8	3.15	1480	0.33	2.02	3.5	83.0	300	1.9
HST3384		0.48	<0.05	<0.1	0.014	0.02	5.8	1.3	0.84	253	<0.05	0.05	0.3	<0.2	70	0.9
HST3385		18.20	0.11	0.7	0.060	0.24	4.3	50.6	2.81	1440	0.20	1.82	3.1	108.0	460	1.7
HST3386		24.7	0.14	1.3	0.058	0.17	8.9	67.7	2.90	1340	0.90	0.78	4.4	91.3	480	2.9
HST3387		16.95	0.13	1.5	0.001	0.21	5.7	89.6	3.81	1420	0.33	1.53	4.2	146.5	340	2.1
HST3388		15.15	0.16	0.9	0.069	0.23	1.5	111.0	3.60	1800	0.15	1.51	2.8	59.7	270	1.3
HST3389		16.50	0.12	1.1	0.081	0.15	2.2	153.5	2.49	1930	0.15	2.21	3.3	26.8	460	2.2
HST3390		16.00	0.09	0.6	0.051	0.20	3.2	79.6	2.60	1550	0.17	1.77	3.3	52.7	370	1.8
HST3391		19.40	0.12	2.7	0.080	1.08	2.1	332	3.38	2430	0.85	1.79	6.4	53.2	480	6.4
HST3392		79.5	0.06	7.4	0.005	0.43	1.2	106.0	0.15	964	0.14	4.40	103.5	4.6	1640	7.0
HST3393		17.35	0.13	0.6	0.062	0.20	3.3	94.8	2.75	1440	0.22	1.24	3.7	88.1	310	2.0
HST3394		71.1	0.07	2.9	0.005	0.20	3.3	29.7	0.22	335	0.07	0.83	108.5	5.7	1530	6.1
HST3395		16.10	0.17	1.4	0.057	0.26	1.5	138.0	3.75	1700	0.27	1.74	3.2	93.3	310	2.4
HST3396		17.70	0.16	2.0	0.124	0.31	6.7	5.8	1.82	1550	0.48	3.23	4.5	5.7	420	4.8
HST3397		17.20	0.14	0.7	0.078	0.30	2.9	30.6	3.82	1120	0.15	1.73	3.3	90.1	250	1.9
HST3398		2.31	0.05	0.5	0.007	0.18	1.3	1.2	1.36	116	0.09	0.28	2.2	<0.2	80	0.8
HST3399		18.30	0.13	2.1	0.076	0.14	2.0	17.3	3.17	1530	0.38	2.73	4.1	51.4	380	1.8
HST3400		20.2	0.13	1.3	0.083	0.21	3.6	15.2	3.19	1580	0.26	1.77	3.9	87.2	430	1.7
HST3401		15.45	0.12	1.3	0.047	0.37	2.4	19.7	3.87	1420	0.19	2.19	2.8	157.0	280	2.0

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.01	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
KST3362		2.9	<0.002	<0.01	0.57	34.9	2	0.8	166.5	0.26	<0.05	0.5	0.473	0.04	0.1	218
KST3363		1.7	<0.002	0.02	0.18	30.0	2	0.8	153.5	0.25	0.05	0.9	0.449	0.05	0.3	192
KST3364		2.2	<0.002	<0.01	0.13	23.8	2	0.7	256	0.22	<0.05	1.3	0.375	0.02	0.3	151
KST3365		21.5	<0.002	0.03	0.10	31.3	2	0.7	182.5	0.20	0.06	0.8	0.399	0.12	0.2	190
KST3366		54.1	<0.002	0.01	0.10	23.9	2	0.7	340	0.19	<0.05	1.0	0.436	0.23	0.5	173
KST3367		4.2	<0.002	0.01	0.06	0.6	2	0.2	73.4	0.11	<0.05	0.2	0.010	0.03	0.4	2
KST3368		3.1	<0.002	<0.01	0.12	42.7	2	0.7	105.5	0.19	<0.05	0.3	0.634	<0.02	0.1	309
KST3369		5.6	<0.002	0.01	0.30	44.5	1	0.6	126.0	0.20	<0.05	0.3	0.579	0.03	0.1	290
KST3370		14.0	<0.002	0.01	0.56	48.3	1	0.6	130.0	0.15	<0.05	0.3	0.473	0.07	0.1	262
KST3371		4.0	0.003	0.01	0.19	41.8	2	0.9	111.5	0.16	0.06	0.3	0.564	0.02	0.1	281
KST3372		38.1	<0.002	0.02	0.30	44.2	2	0.8	80.3	1.22	<0.05	0.5	0.801	0.26	0.2	326
KST3373		25.1	<0.002	<0.01	0.16	42.0	2	1.1	79.0	0.37	<0.05	0.7	1.105	0.18	0.2	361
KST3374		27.1	<0.002	<0.01	0.10	29.9	3	1.7	95.0	0.68	<0.05	1.4	0.788	0.17	0.4	12
KST3375		24.1	<0.002	0.01	0.11	40.5	2	1.0	147.0	0.26	<0.05	0.5	0.663	0.24	0.1	278
KST3376		37.2	<0.002	0.01	0.50	34.8	2	11.1	401	5.76	0.05	0.8	0.398	0.22	0.3	237
KST3377		6.3	<0.002	<0.01	0.29	0.7	1	3.1	31.6	>100	<0.05	1.3	0.007	0.04	4.1	3
KST3378		19.8	<0.002	0.01	0.13	42.3	1	1.2	111.0	0.39	<0.05	0.3	0.507	0.10	0.1	260
KST3379		3.3	<0.002	0.01	0.07	42.8	1	0.9	107.0	0.54	<0.05	0.4	0.508	0.02	0.1	264
KST3380		100.0	<0.002	<0.01	0.06	39.8	2	1.1	119.5	0.37	<0.05	0.5	0.625	0.60	0.1	234
KST3381		53.3	<0.002	<0.01	0.20	34.0	2	1.1	202	0.40	<0.05	0.6	0.751	0.34	0.2	253
KST3382		32.1	0.002	0.01	0.16	36.8	2	0.9	245	0.90	<0.05	0.5	0.646	0.16	0.1	297
KST3383		7.7	<0.002	<0.01	0.23	37.1	2	0.6	161.0	0.23	<0.05	0.4	0.477	0.07	0.1	233
KST3384		1.6	<0.002	<0.01	<0.05	0.8	2	0.2	85.3	0.13	<0.05	<0.2	0.009	0.02	0.1	<1
KST3385		41.8	<0.002	0.01	0.27	34.1	2	1.2	127.5	0.26	<0.05	0.5	0.476	0.32	0.1	276
KST3386		30.6	<0.002	0.01	1.03	32.7	1	1.0	152.0	0.33	<0.05	1.0	0.533	0.16	0.3	197
KST3387		10.6	<0.002	<0.01	0.10	33.1	1	0.8	111.5	0.27	<0.05	0.6	0.430	0.05	0.5	185
KST3388		6.4	<0.002	<0.01	<0.05	52.6	1	0.8	155.5	0.21	<0.05	0.5	0.469	0.04	0.1	253
KST3389		9.4	<0.002	0.01	0.16	49.3	2	0.7	117.0	0.24	<0.05	0.5	0.579	0.08	0.1	279
KST3390		4.6	<0.002	<0.01	0.11	38.1	2	0.7	185.0	0.26	<0.05	0.5	0.416	0.07	0.1	208
KST3391		760	<0.002	0.01	0.31	42.3	2	4.4	95.0	13.65	0.05	0.8	0.540	8.64	0.4	236
KST3392		575	<0.002	<0.01	0.21	3.3	1	32.4	76.7	100.0	0.05	4.8	0.070	2.74	6.1	23
KST3393		16.7	<0.002	0.04	0.25	40.1	2	0.8	126.5	1.04	<0.05	0.8	0.445	0.32	0.2	218
KST3394		450	<0.002	<0.01	0.20	4.2	1	17.3	16.5	>100	0.05	2.4	0.031	3.01	6.5	16
KST3395		99.2	<0.002	0.03	0.17	45.0	1	1.3	59.7	1.23	<0.05	0.8	0.436	1.16	0.2	226
KST3396		6.9	<0.002	0.26	0.11	54.0	3	1.4	335	0.60	0.06	0.7	0.665	0.03	0.2	327
KST3397		12.5	<0.002	0.01	0.19	48.4	2	2.7	83.0	0.34	<0.05	0.3	0.507	0.05	0.1	244
KST3398		4.8	<0.002	0.02	0.08	0.7	2	<0.2	76.6	0.29	<0.05	0.4	0.010	0.04	0.6	<1
KST3399		2.0	<0.002	<0.01	0.23	41.9	2	1.2	59.4	0.35	<0.05	0.6	0.538	<0.02	0.2	235
KST3400		4.4	<0.002	0.01	0.16	36.9	2	1.2	125.0	0.29	<0.05	0.4	0.764	0.02	0.1	260
KST3401		7.2	<0.002	<0.01	0.13	39.4	1	0.5	79.1	0.26	<0.05	0.4	0.306	0.06	0.1	167

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOR	MS-MS61 W ppm 0.1	MS-MS61 Y ppm 0.1	MS-MS61 Zr ppm 2	MS-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H373362		0.2	23.0	107	43.8	
H373363		0.1	17.4	117	26.5	
H373364		0.2	15.7	89	35.8	
H373365		0.2	16.5	89	24.9	0.003
H373366		0.6	14.3	76	74.0	
H373367		0.2	3.6	3	5.3	
H373368		0.4	18.3	108	8.8	
H373369		0.5	18.0	91	14.3	
H373370		0.4	20.5	119	13.6	
H373371		0.2	17.8	61	46.2	
H373372		0.7	21.5	127	63.9	
H373373		0.6	32.5	109	84.9	
H373374		0.9	68.9	107	210	
H373375		0.8	25.1	124	18.8	
H373376		2.8	18.7	85	20.7	
H373377		1.0	0.8	7	12.2	
H373378		0.3	21.3	72	10.0	
H373379		0.1	23.6	99	42.6	
H373380		0.2	27.1	99	60.5	
H373381		0.4	28.8	91	60.2	
H373382		0.2	29.9	145	56.9	
H373383		0.2	20.2	99	7.7	
H373384		<0.1	3.9	<2	1.5	
H373385		1.0	21.7	107	15.8	
H373386		0.4	25.5	99	36.5	
H373387		0.1	20.6	98	46.3	
H373388		0.1	27.3	112	22.5	
H373389		0.1	32.1	132	36.7	
H373390		0.3	24.5	101	16.4	
H373391		0.3	29.3	156	74.5	
H373392		2.3	2.8	56	43.4	
H373393		0.2	24.5	122	14.1	
H373394		1.4	1.9	23	15.4	
H373395		0.2	22.8	110	42.7	
H373396		0.8	35.4	99	63.2	0.002
H373397		0.3	28.8	119	16.4	
H373398		0.1	4.8	<2	5.8	
H373399		0.3	28.6	66	71.1	
H373400		0.3	25.3	102	40.9	
H373401		0.1	18.9	83	40.3	

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Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H375402		0.39	0.02	7.31	1.4	50	0.38	0.58	0.11	0.15	7.67	24.9	114	1.08	24.6	6.34
H375403		0.69	0.05	7.05	0.7	60	0.53	0.06	7.37	0.10	12.35	47.2	87	3.53	117.5	11.20
H375404		0.67	0.03	7.13	0.5	50	0.28	0.01	7.06	0.11	6.78	30.1	61	2.47	73.1	6.71
H375405		0.60	0.05	8.06	1.0	130	0.44	0.07	7.27	0.11	12.85	52.9	151	10.60	60.0	8.30
H375406		0.62	0.08	8.35	1.1	120	0.51	0.32	8.34	0.21	28.4	37.0	152	5.62	50.1	7.10
H375407		0.53	0.01	8.33	1.4	80	1.21	2.67	4.67	0.91	25.8	15.1	47	1.26	132.0	17.10
H375408		0.83	0.08	8.10	0.6	50	0.45	0.03	6.86	0.10	15.00	59.7	140	3.40	93.2	8.78
H375409		0.51	0.03	7.66	1.2	80	0.47	0.13	7.03	0.16	13.10	51.2	123	4.48	37.6	8.05
H375410		0.66	0.05	7.40	2.6	70	0.44	0.65	7.38	0.11	7.25	46.2	116	9.34	60.0	7.69
H375411		0.59	0.09	7.55	<5	60	0.51	2.68	10.80	0.18	7.35	37.0	113	1.07	161.0	8.89

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Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOD	ME-MS61 Ba ppm 0.05	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H373402		16.10	0.12	0.8	0.073	0.11	3.0	10.2	4.20	1660	0.10	1.99	2.3	74.1	250	2.0
H373403		23.1	0.15	1.0	0.086	0.18	4.9	15.7	2.81	1840	0.30	0.96	3.9	45.3	470	3.6
H373404		15.55	0.11	0.5	0.063	0.26	2.5	14.4	4.45	1560	0.14	1.39	2.2	78.7	290	1.2
H373405		20.6	0.11	0.9	0.053	0.40	5.7	82.9	3.22	1570	0.37	1.10	3.8	148.0	460	3.9
H373406		19.00	0.11	1.0	0.050	0.27	12.2	37.3	3.05	1160	3.09	4.26	4.5	92.7	700	7.9
H373407		20.4	0.49	2.1	0.078	0.20	11.6	18.4	1.52	3310	0.77	0.19	2.5	20.3	640	9.7
H373408		20.4	0.12	1.6	0.058	0.25	6.5	32.4	3.70	1420	0.27	1.62	4.1	163.0	420	2.8
H373409		17.85	0.11	1.1	0.048	0.28	7.5	18.9	3.35	1540	0.45	1.69	3.6	137.5	390	3.7
H373410		17.00	0.10	0.6	0.061	0.19	2.9	23.4	2.86	1450	0.30	1.45	2.4	57.6	340	2.8
H373411		20.6	0.12	0.8	0.110	0.14	2.8	11.6	2.61	1520	2.42	0.98	2.3	36.4	380	4.2

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
820-850 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Pb ppm 0.1	ME-MS41 Re ppm 0.002	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 1	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.05	ME-MS41 Te ppm 0.05	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.1	ME-MS41 V ppm 1
H373402		2.3	<0.002	0.02	0.88	46.5	2	0.8	909	0.20	<0.05	0.3	0.425	<0.02	0.1	349
H373403		7.3	<0.002	0.04	0.26	40.4	2	0.8	142.0	0.29	0.05	0.5	0.978	0.03	0.1	380
H373404		7.6	<0.002	0.01	0.17	49.1	2	0.4	130.0	0.18	<0.05	0.2	0.455	0.04	0.1	270
H373405		92.5	<0.002	0.04	0.25	31.4	2	0.8	128.5	0.30	<0.05	0.9	0.412	0.05	0.2	192
H373406		7.8	<0.002	0.06	0.28	25.7	3	0.7	362	0.23	0.09	2.1	0.343	0.06	0.7	154
H373407		9.4	<0.002	1.69	0.67	12.4	2	1.2	229	0.20	0.43	3.9	0.228	0.11	0.9	151
H373408		4.5	<0.002	0.01	0.18	35.8	2	0.8	197.0	0.32	<0.05	1.1	0.467	0.06	0.2	196
H373409		10.7	<0.002	0.01	0.23	30.8	2	0.8	120.5	0.27	<0.05	0.9	0.417	0.07	0.2	183
H373410		12.1	<0.002	0.01	0.32	44.7	3	0.5	223	0.17	<0.05	0.3	0.387	0.06	0.1	233
H373411		3.3	<0.002	0.01	0.52	46.4	3	1.0	71.1	0.17	0.06	0.3	0.372	0.03	0.1	257

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VANCOUVER BC V6B 4N9

Finalized Date: 26-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115252

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.1	Au-ICP21 Au ppm 0.001
H373402		0.3	20.7	90	20.0	
H373403		0.5	22.4	121	23.8	
H373404		0.3	20.9	89	16.5	
H373405		0.2	19.8	99	27.8	
H373406		0.5	18.3	106	73.8	
H373407		0.3	7.9	106	74.4	0.034
H373408		0.2	23.4	105	52.5	
H373409		0.5	19.8	154	33.2	
H373410		2.8	22.4	100	16.0	
H373411		1.0	26.4	82	17.8	<0.001

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CERTIFICATE OF ANALYSIS TB09115252

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 27-OCT-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09115253

Project: TNR-Mavis

P.O. No.:

This report is for 34 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-21	High Temperature Drying
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115253

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H073412		0.45	0.05	7.38	0.9	110	0.33	0.75	8.17	0.09	16.25	48.1	76	2.30	64.5	8.58
H073413		0.96	0.64	4.90	5.1	160	1.29	2.84	1.73	5.85	41.6	57.6	28	2.66	327	16.85
H073414		1.20	0.53	5.72	1.1	90	1.17	1.09	1.07	0.81	25.2	33.2	38	5.95	271	13.35
H073415		0.72	0.09	8.03	0.6	80	0.40	0.08	7.46	0.40	9.54	54.2	159	3.84	70.1	9.50
H073416		0.71	0.14	7.68	0.5	90	0.56	0.16	6.82	0.16	13.00	53.6	113	12.70	90.1	11.45
H073417		0.61	0.04	7.44	0.6	40	0.35	0.10	8.73	0.27	5.24	45.2	109	0.69	50.0	8.68
H073418		0.76	0.05	7.42	1.0	760	0.99	0.47	8.38	0.11	9.84	45.6	127	3.06	66.7	8.58
H073419		0.50	0.02	8.58	0.4	50	0.48	0.04	6.82	0.08	9.40	47.6	239	4.25	2.5	8.76
H073420		0.48	<0.01	0.15	<5	20	0.10	<0.01	30.9	<0.02	1.25	1.0	3	0.07	2.1	0.16
H073421		0.98	0.03	6.83	0.4	150	0.94	0.17	5.12	0.21	12.00	42.0	12	46.9	32.5	13.45
H073422		0.70	0.03	8.01	0.3	60	0.56	0.13	6.66	0.10	9.26	45.1	140	1.68	67.4	8.39
H073423		0.67	0.03	7.84	0.3	110	0.41	0.07	9.32	0.04	10.55	46.7	129	1.47	59.6	7.03
H073424		0.87	0.01	7.96	0.5	20	0.30	0.01	7.11	0.08	5.85	49.6	189	0.59	22.3	7.02
H073425		0.96	0.02	7.50	1.2	40	0.68	<0.01	5.93	0.14	6.79	55.6	91	2.85	27.0	11.15
H073426		0.74	0.07	8.59	2.2	30	0.57	0.01	5.79	0.09	5.96	46.9	86	5.56	109.0	8.49
H073427		0.63	0.04	8.23	0.6	60	0.71	0.12	7.21	0.12	12.65	57.1	136	0.67	40.4	9.01
H073428		0.74	0.03	8.52	0.7	70	0.55	0.02	7.38	0.09	14.80	57.3	161	1.62	37.0	8.88
H073429		0.72	0.06	7.43	1.6	60	0.51	0.04	5.64	0.10	8.29	47.9	49	4.37	57.7	8.61
H073430		0.61	0.04	7.83	0.8	50	2.03	0.18	4.67	0.09	4.50	51.3	43	15.75	60.4	12.40
H073431		0.69	0.03	8.82	0.5	40	0.25	0.04	8.00	0.10	9.80	38.4	91	3.28	24.1	7.84
H073432		0.53	0.03	7.74	0.3	40	0.48	<0.01	7.07	0.10	10.40	51.3	50	0.78	32.1	9.18
H073433		0.72	0.03	7.71	1.4	50	0.37	0.02	7.56	0.13	6.17	55.3	144	3.08	73.1	8.79
H073434		0.71	0.02	8.08	0.7	60	0.54	<0.01	6.44	0.07	7.75	55.8	148	4.73	18.8	8.56
H073435		0.72	0.03	8.96	0.7	80	0.30	<0.01	7.71	0.08	15.15	51.2	161	15.70	91.7	7.74
H073436		0.63	0.02	7.25	0.5	40	1.61	0.89	7.25	0.12	8.26	51.0	41	3.02	46.5	9.45
H073437		0.68	0.08	7.93	0.2	70	0.41	0.27	6.58	0.09	11.60	47.3	97	1.54	80.6	8.61
H073438		0.56	0.01	6.67	0.4	290	1.14	0.02	5.80	0.16	35.3	43.3	379	9.83	15.3	6.49
H073439		0.62	0.06	7.62	0.3	80	0.33	0.01	7.97	0.13	7.67	58.1	201	7.84	130.5	8.63
H073440		0.73	0.01	8.58	0.3	60	0.66	0.04	8.62	0.15	16.85	41.9	73	3.27	25.2	5.77
H073441		0.73	0.02	7.34	<0.2	70	0.31	0.45	8.13	0.12	9.54	48.1	58	2.81	30.2	9.41
H073442		0.53	<0.01	0.17	<5	30	0.07	0.02	32.2	<0.02	1.39	1.2	3	0.05	3.0	0.19
H073443		0.60	0.08	7.83	<0.2	60	0.37	0.14	9.10	0.05	12.55	48.0	89	0.83	161.0	8.33
H073444		0.60	0.03	8.69	<0.2	490	1.22	0.10	6.65	0.13	8.99	45.9	60	7.59	44.2	9.08
H073445		1.06	4.08	7.08	<0.2	70	0.21	0.04	9.54	0.14	10.40	47.5	55	2.44	124.5	8.99

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115253

Sample Description	Method Analyte Units Limit	ME-MS61 Cu ppm 0.01	ME-MS61 Cu ppm 0.01	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.5	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H373412		18.60	0.11	1.6	0.076	0.41	8.7	9.8	1.82	1710	0.27	1.42	4.7	40.9	590	2.4
H373413		14.50	0.20	3.3	0.193	0.98	20.6	14.4	0.51	763	4.50	0.35	3.5	71.8	310	26.6
H373414		13.50	0.16	1.9	0.105	2.54	11.9	10.0	0.28	571	2.23	1.32	3.0	78.4	340	42.5
H373415		19.75	0.12	0.6	0.078	0.29	3.9	77.5	3.77	1580	0.26	1.35	2.9	81.8	340	3.2
H373416		25.5	0.15	1.2	0.096	0.29	4.8	80.1	3.12	1670	0.38	1.47	5.4	66.9	510	4.2
H373417		18.65	0.11	0.7	0.076	0.15	1.6	50.1	8.42	1900	0.24	2.12	3.4	59.2	340	3.0
H373418		18.65	0.13	0.5	0.059	0.43	3.7	51.2	3.76	1900	0.37	1.67	3.1	60.9	400	3.3
H373419		16.90	0.11	0.6	0.073	0.29	3.4	96.1	3.60	751	0.16	2.34	3.1	144.0	300	4.3
H373420		0.47	<0.05	0.1	<0.005	0.03	1.4	1.2	1.60	127	<0.05	0.06	0.3	0.3	70	0.8
H373421		27.3	0.15	2.4	0.119	1.00	4.1	136.5	2.43	2200	0.47	1.57	6.9	19.0	1080	2.8
H373422		21.3	0.12	0.6	0.063	0.29	3.5	59.9	3.19	1490	0.32	2.10	3.8	71.2	370	2.2
H373423		16.40	0.09	0.7	0.060	0.47	4.5	37.6	2.98	1180	0.56	2.14	3.4	99.4	370	1.5
H373424		12.60	0.09	0.4	0.047	0.09	2.4	42.9	3.62	1050	0.15	1.87	1.7	60.7	210	1.4
H373425		24.7	0.12	1.5	0.087	0.23	2.4	64.3	3.29	1150	0.31	1.75	4.7	73.0	330	1.9
H373426		20.7	0.12	0.5	0.056	0.17	4.3	59.2	2.93	1560	0.35	0.84	2.4	61.5	320	1.9
H373427		20.0	0.12	0.9	0.051	0.21	4.9	67.5	3.86	1560	0.49	1.84	4.3	162.5	300	2.3
H373428		20.3	0.13	0.8	0.053	0.35	6.0	124.0	3.92	1520	0.33	1.69	3.8	170.0	300	2.6
H373429		17.85	0.14	1.3	0.073	0.29	2.0	97.0	3.72	1640	0.20	2.38	3.0	84.1	310	1.7
H373430		18.05	0.15	1.5	0.074	0.22	1.3	208	3.39	2130	0.12	2.11	3.5	43.6	370	3.2
H373431		16.80	0.10	0.9	0.044	0.19	4.3	32.3	2.37	1560	0.23	0.99	3.1	46.9	370	2.2
H373432		14.35	0.10	0.6	0.074	0.14	4.1	36.1	2.56	1900	0.20	1.65	3.4	54.2	390	1.5
H373433		14.75	0.13	0.8	0.066	0.18	3.0	69.6	4.39	1800	0.41	1.32	2.7	71.7	310	2.2
H373434		19.10	0.12	1.6	0.052	0.24	2.4	73.1	3.72	1450	0.18	2.13	3.8	149.0	380	2.0
H373435		20.2	0.12	0.7	0.044	0.33	7.3	97.0	3.35	1300	0.43	1.06	3.5	153.5	370	2.1
H373436		18.45	0.14	0.8	0.078	0.14	3.2	17.7	3.09	1810	0.15	1.60	3.1	52.6	370	1.9
H373437		18.05	0.10	0.7	0.056	0.25	5.1	13.9	2.77	1550	0.17	1.93	4.0	57.9	430	4.0
H373438		19.55	0.15	0.9	0.063	0.64	14.1	45.9	6.29	1140	0.07	2.10	6.4	269	1450	3.3
H373439		16.40	0.12	0.5	0.055	0.33	3.0	25.0	4.64	1780	0.15	1.13	2.6	106.5	300	1.5
H373440		30.0	0.10	0.6	0.064	0.14	6.3	12.4	2.07	1670	0.24	2.53	4.8	80.2	470	1.2
H373441		20.4	0.19	0.8	0.080	0.21	2.5	8.5	3.64	1690	0.31	1.50	3.1	57.4	280	1.8
H373442		0.46	<0.05	0.1	0.005	0.03	1.5	1.0	1.84	134	<0.05	0.01	0.3	<0.2	70	<0.5
H373443		19.45	0.15	1.0	0.076	0.17	5.6	7.4	2.72	1410	0.51	1.51	3.7	57.2	350	0.9
H373444		15.50	0.17	1.1	0.075	1.40	2.8	43.7	4.78	1610	0.13	1.08	2.5	81.2	280	2.2
H373445		18.80	0.16	0.8	0.077	0.29	4.8	8.8	3.19	1520	0.29	0.87	3.5	55.8	340	0.7

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Finalized Date: 27-OCT-2009
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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115253

Sample Description	Method Analyte Units Limit	Re ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02	U ppm 0.1	V ppm 1
H373412		6.4	<0.002	0.01	0.23	38.3	2	1.0	112.5	0.34	<0.05	0.8	0.630	0.08	0.2	247
H373413		62.0	0.014	6.23	2.16	11.4	6	3.3	60.4	0.33	1.57	3.3	0.161	0.52	3.9	66
H373414		88.3	0.008	9.08	1.17	7.4	7	2.3	162.0	0.23	0.74	1.8	0.160	1.67	0.6	39
H373415		10.8	<0.002	0.14	0.22	44.3	2	0.7	136.5	0.20	<0.05	0.4	0.518	0.09	0.1	271
H373416		14.2	<0.002	0.08	0.15	36.8	2	1.2	277	0.35	<0.05	0.5	0.955	0.11	0.1	319
H373417		3.4	<0.002	0.03	0.15	48.3	2	0.8	156.5	0.23	<0.05	0.3	0.561	0.03	0.1	286
H373418		14.1	<0.002	0.02	0.19	41.3	2	1.2	160.5	0.21	<0.05	0.3	0.525	0.11	0.1	260
H373419		42.8	<0.002	0.01	0.24	40.2	1	2.6	136.0	0.20	<0.05	0.3	0.490	0.19	0.1	243
H373420		1.0	<0.002	<0.01	<0.05	0.6	2	<0.2	81.3	<0.05	<0.05	<0.2	0.009	<0.02	0.1	<1
H373421		66.9	<0.002	0.01	0.10	47.2	2	1.2	84.3	0.46	<0.05	0.8	1.405	0.60	0.2	225
H373422		7.2	<0.002	0.01	0.09	37.7	2	0.9	140.5	0.30	<0.05	0.5	0.490	0.06	0.2	249
H373423		17.3	<0.002	0.01	0.11	32.0	1	1.3	102.0	0.25	<0.05	0.6	0.411	0.18	0.1	204
H373424		1.0	<0.002	<0.01	0.11	47.5	1	0.4	75.7	0.12	<0.05	0.2	0.292	<0.02	0.1	211
H373425		8.4	<0.002	0.01	0.19	36.2	2	0.8	153.5	0.32	<0.05	0.5	0.895	0.05	0.1	371
H373426		8.9	<0.002	<0.01	0.66	33.7	2	0.6	128.5	0.17	<0.05	0.4	0.450	0.01	0.1	218
H373427		2.1	<0.002	<0.01	0.13	32.2	2	0.9	126.5	0.31	<0.05	0.5	0.443	0.02	0.2	193
H373428		9.2	<0.002	<0.01	0.09	32.5	2	0.8	133.0	0.28	<0.05	0.5	0.436	0.15	0.2	192
H373429		75.5	<0.002	0.02	0.39	50.8	2	0.8	96.3	0.20	<0.05	0.4	0.463	0.42	0.1	258
H373430		44.5	<0.002	0.01	0.15	53.8	2	0.7	104.5	0.25	<0.05	0.5	0.578	0.22	0.1	295
H373431		4.4	<0.002	<0.01	0.16	33.7	2	0.7	692	0.24	<0.05	0.5	0.366	0.03	0.1	188
H373432		5.1	<0.002	<0.01	0.08	48.2	2	0.7	38.1	0.24	<0.05	0.5	0.471	0.04	0.1	248
H373433		4.5	<0.002	0.02	0.49	55.2	2	0.5	63.2	0.20	<0.05	0.4	0.457	0.03	0.1	257
H373434		6.6	<0.002	<0.01	0.10	33.4	2	0.8	94.5	0.28	<0.05	0.7	0.449	0.05	0.1	191
H373435		20.2	<0.002	0.04	0.15	29.5	2	0.8	154.5	0.26	<0.05	0.6	0.403	3.21	0.2	174
H373436		8.1	<0.002	0.01	0.09	48.3	2	0.6	145.5	0.20	<0.05	0.4	0.475	0.01	0.1	258
H373437		4.5	<0.002	<0.01	0.08	40.4	2	0.6	114.5	0.29	<0.05	0.7	0.445	0.06	0.1	210
H373438		39.8	<0.002	<0.01	0.12	25.4	2	1.1	311	0.34	<0.05	3.1	0.512	0.19	0.8	175
H373439		18.1	<0.002	0.01	0.25	53.0	2	0.4	82.6	0.17	<0.05	0.4	0.368	0.09	0.1	237
H373440		0.6	<0.002	0.01	0.15	31.7	2	0.8	164.0	0.23	<0.05	0.4	0.496	0.03	0.1	231
H373441		11.8	0.002	0.01	0.70	41.8	1	1.8	319	0.21	<0.05	0.8	0.547	5.05	0.2	295
H373442		1.1	<0.002	0.01	0.10	0.3	1	<0.2	82.5	<0.05	<0.05	<0.2	0.012	<0.02	0.1	3
H373443		2.6	<0.002	0.08	0.18	35.9	1	1.0	168.5	0.28	0.06	0.4	0.668	0.02	0.1	290
H373444		147.5	<0.002	0.01	0.20	40.3	<1	0.7	85.7	0.16	<0.05	0.8	0.441	0.66	0.7	276
H373445		20.0	<0.002	0.02	0.93	37.0	1	0.8	116.5	0.21	<0.05	0.3	0.558	0.07	0.1	281

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115253

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
K073412		1.0	31.5	77	45.7	
K073413		0.4	14.7	1660	116.5	
K073414		2.3	9.9	335	68.0	
K073415		0.2	22.0	155	12.2	
K073416		0.5	29.4	133	31.9	
K073417		0.3	23.7	125	19.6	
K073418		11.2	21.7	95	11.5	
K073419		0.6	19.6	23	14.6	
K073420		0.3	2.6	<2	1.9	
K073421		0.6	37.5	160	19.3	
K073422		0.3	21.9	101	15.7	
K073423		0.3	19.2	33	20.1	
K073424		0.2	18.6	77	8.5	
K073425		0.3	25.0	126	51.3	
K073426		0.4	19.9	94	9.2	0.001
K073427		0.3	21.5	115	28.4	
K073428		0.2	20.4	110	21.8	
K073429		0.4	27.3	108	41.6	
K073430		1.3	27.9	112	56.3	
K073431		0.2	20.9	90	28.4	
K073432		0.2	28.5	122	13.9	
K073433		0.2	26.6	115	19.4	
K073434		0.3	21.9	98	35.3	
K073435		0.1	19.1	101	16.7	
K073436		7.6	27.6	117	19.3	
K073437		0.2	26.4	107	19.1	
K073438		0.3	23.1	66	144.0	
K073439		0.2	22.7	104	9.6	<0.001
K073440		0.4	15.8	70	15.4	
K073441		0.6	27.1	101	16.6	0.001
K073442		0.3	3.2	3	2.2	
K073443		0.9	24.9	52	25.7	<0.001
K073444		0.6	25.5	102	35.7	<0.001
K073445		0.5	29.5	96	17.5	0.001

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115253

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown
ME-MS61	REE's may not be totally soluble in this method

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Page: 1
Finalized Date: 27-OCT-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09115254

Project: TNR-Mavis

P.O. No.:

This report is for 24 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

[illegible]	[illegible]	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115254

Sample Description	Method Analyte Units Lab	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H373446		0.72	0.02	8.09	<0.2	50	0.25	0.04	5.89	0.09	5.10	46.3	130	4.01	39.6	6.62
H373447		0.67	0.06	7.41	<0.2	40	0.29	0.18	7.23	0.13	6.39	50.9	157	3.56	60.9	6.80
H373448		0.69	0.03	7.63	0.3	60	0.95	0.18	7.06	0.11	6.90	48.5	104	3.23	25.7	10.45
H373449		0.65	0.08	8.04	<0.2	100	0.22	0.10	7.04	0.11	6.61	49.8	160	1.22	47.1	8.48
H373450		0.84	0.02	6.93	<0.2	90	0.71	0.08	4.65	0.12	10.00	36.9	13	20.6	14.2	12.70
H373451		0.70	0.03	7.57	<0.2	30	0.27	0.03	6.40	0.12	5.66	50.0	81	0.84	19.9	8.19
H373452		0.74	0.05	8.29	<0.2	50	0.39	0.07	7.58	0.10	11.20	53.2	87	3.52	67.9	9.39
H373453		0.67	0.02	7.35	<0.2	30	0.23	0.01	5.44	0.10	4.86	47.5	113	1.59	20.0	9.32
H373454		0.90	0.09	7.90	<0.2	40	0.21	0.02	5.35	0.06	7.51	48.5	117	12.65	57.6	8.38
H373455		0.72	0.09	8.41	<0.2	60	0.68	0.11	8.25	0.09	16.15	54.9	119	4.33	56.4	8.67
H373456		0.64	0.06	7.95	<0.2	140	0.36	0.14	6.95	0.10	9.04	45.0	82	22.4	61.2	9.03
H373457		0.77	0.09	8.19	<0.2	50	0.40	0.06	7.29	0.11	12.70	39.1	41	0.31	53.0	8.40
H373458		0.74	0.03	8.54	<0.2	60	0.55	0.25	8.06	0.10	12.80	48.4	87	1.50	28.7	8.14
H373459		0.65	0.05	8.48	<0.2	50	0.34	0.04	7.38	0.09	11.80	52.2	86	0.70	46.1	9.39
H373460		0.69	0.02	7.87	<0.2	50	0.79	0.04	7.28	0.07	7.66	51.1	129	20.2	32.7	8.29
H373461		0.83	0.04	8.04	<0.2	70	0.37	0.05	7.88	0.11	6.96	54.1	206	12.00	59.6	9.83
H373462		0.71	0.04	7.95	<0.2	40	0.37	0.10	7.52	0.08	3.98	53.4	157	27.6	39.2	8.60
H373463		0.67	0.04	8.11	<0.2	160	0.22	0.02	7.11	0.08	5.35	51.3	87	6.12	27.7	7.62
H373464		0.75	0.04	7.87	<0.2	40	0.26	0.02	7.07	0.25	6.92	50.8	60	0.69	60.0	9.66
H373465		0.64	<0.01	0.08	<5	10	0.05	0.01	19.80	0.05	0.89	1.2	2	0.10	1.5	0.47
H373466		0.61	0.09	7.28	<0.2	230	1.61	0.30	6.75	0.16	41.5	46.4	87	8.16	54.6	10.20
H373467		0.76	0.08	7.30	<0.2	230	1.44	0.31	6.61	0.15	45.6	47.4	82	8.16	53.2	10.25
H373468		0.61	0.08	7.68	<0.2	90	0.33	0.15	5.51	0.09	8.75	50.9	42	4.03	31.5	9.69
H373469		0.80	0.11	6.87	<0.2	120	0.41	0.11	6.00	0.53	11.75	44.2	124	5.46	218	9.82

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PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115254

Sample Description	Method Analyte Units Limit	MS-MS61 Cu ppm 0.01	MS-MS61 Ga ppm 0.05	MS-MS61 Hf ppm 0.1	MS-MS61 In ppm 0.005	MS-MS61 K % 0.01	MS-MS61 La ppm 0.5	MS-MS61 Li ppm 0.2	MS-MS61 Mg % 0.01	MS-MS61 Mn ppm 5	MS-MS61 Mo ppm 0.05	MS-MS61 Na % 0.01	MS-MS61 Nb ppm 0.1	MS-MS61 Ni ppm 0.2	MS-MS61 P ppm 10	MS-MS61 Pb ppm 0.5
H073446		17.95	0.14	1.1	0.073	0.22	1.7	80.8	4.20	1800	0.21	2.91	2.6	68.7	360	0.8
H073447		16.65	0.16	0.8	0.070	0.16	3.3	69.2	4.22	1525	0.22	1.45	2.8	58.1	330	1.0
H073448		20.1	0.16	0.8	0.078	0.30	3.0	89.3	3.82	1580	1.34	1.82	4.1	77.8	360	1.1
H073449		12.90	0.14	0.9	0.060	0.25	2.9	55.8	3.75	1800	0.23	2.33	2.2	63.5	260	1.4
H073450		24.1	0.19	3.4	0.118	0.40	4.0	24.2	2.07	2110	0.43	2.41	7.3	20.1	1010	1.4
H073451		13.00	0.16	1.1	0.070	0.15	2.0	55.5	3.65	1580	0.39	2.29	3.0	55.4	270	2.0
H073452		19.50	0.17	0.9	0.068	0.21	4.4	37.1	2.59	1630	0.23	1.90	3.3	69.8	360	1.0
H073453		14.65	0.17	1.2	0.069	0.09	1.7	72.4	4.69	1320	<0.05	2.67	3.2	62.5	360	0.8
H073454		13.40	0.15	1.1	0.068	0.19	2.7	38.4	4.26	1620	0.10	2.80	2.6	43.5	320	1.1
H073455		17.00	0.16	0.7	0.056	0.16	8.3	32.6	3.19	1430	0.30	1.46	3.6	142.0	410	1.8
H073456		14.75	0.16	0.7	0.067	0.42	3.9	51.7	2.86	1520	0.37	1.47	3.2	60.1	340	2.1
H073457		16.40	0.19	0.8	0.068	0.16	5.8	51.3	2.79	1240	0.20	2.17	3.6	35.3	370	2.5
H073458		17.10	0.15	0.7	0.059	0.19	6.0	61.3	2.55	1420	0.13	2.25	3.7	91.0	410	1.4
H073459		16.10	0.16	0.8	0.069	0.16	5.3	64.7	2.85	1560	0.13	2.46	3.8	95.6	420	1.2
H073460		17.55	0.15	0.9	0.051	0.21	3.3	520	3.65	1310	0.23	1.06	3.3	137.5	350	1.6
H073461		12.15	0.15	0.6	0.057	0.31	2.6	139.5	4.60	1680	0.09	1.04	2.1	94.6	250	1.2
H073462		13.20	0.15	0.8	0.055	0.22	1.3	114.0	4.64	1640	0.23	1.64	2.0	88.9	250	1.8
H073463		12.65	0.15	0.5	0.042	0.38	2.2	107.5	4.45	1350	0.10	1.66	2.1	160.5	200	1.0
H073464		17.60	0.17	0.8	0.074	0.16	2.6	64.7	3.60	1920	0.19	2.09	2.8	58.5	400	2.9
H073465		0.22	<0.05	<0.1	0.005	0.02	0.5	1.1	13.05	215	0.47	0.01	0.2	2.6	180	0.8
H073466		19.50	0.22	2.3	0.097	0.68	17.7	75.4	3.92	1620	1.38	1.88	5.2	79.6	1040	7.3
H073467		20.0	0.22	2.4	0.097	0.66	19.1	78.6	4.00	1640	1.76	1.99	5.4	84.7	1100	7.3
H073468		15.05	0.17	1.5	0.068	0.27	3.2	40.1	3.73	1790	0.20	2.64	3.2	57.4	390	2.3
H073469		14.80	0.16	0.7	0.062	0.63	4.4	26.8	3.43	1930	0.21	2.51	4.2	91.0	430	1.2

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115254

Sample Description	Method Analyte Units Limit	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
H373446		14.0	<0.002	0.01	3.31	40.0	<1	0.8	85.0	0.21	<0.05	0.3	0.556	0.08	0.1	289
H373447		13.1	<0.002	0.03	0.24	39.2	1	1.1	66.3	0.21	<0.05	0.4	0.539	0.14	0.1	269
H373448		37.2	0.003	0.03	0.28	30.6	1	2.7	271	0.29	<0.05	0.4	0.823	0.26	0.1	286
H373449		9.7	<0.002	0.01	0.17	38.0	<1	0.8	83.9	0.18	<0.05	0.3	0.400	0.05	0.1	239
H373450		33.1	0.003	0.03	0.14	36.1	1	1.3	94.4	0.53	<0.05	0.8	1.200	0.21	0.2	262
H373451		2.3	<0.002	<0.01	0.14	44.4	1	0.8	86.7	0.22	<0.05	0.3	0.463	0.02	0.1	344
H373452		12.8	<0.002	0.01	0.21	31.5	1	0.8	126.0	0.24	<0.05	0.4	0.639	0.08	0.1	258
H373453		3.3	<0.002	<0.01	0.18	42.0	1	0.8	104.0	0.23	<0.05	0.4	0.517	0.02	0.1	269
H373454		21.3	<0.002	0.04	0.13	47.6	1	0.5	47.1	0.19	<0.05	0.4	0.460	0.16	0.1	254
H373455		8.2	<0.002	0.03	0.14	29.1	1	2.4	162.5	0.28	<0.05	1.0	0.454	0.09	0.2	190
H373456		65.5	0.002	0.07	0.13	42.6	1	1.1	107.0	0.22	0.05	0.5	0.464	0.57	0.1	246
H373457		2.9	<0.002	0.27	0.21	32.1	1	0.8	195.0	0.28	0.06	0.7	0.547	0.04	0.2	227
H373458		11.6	<0.002	0.01	0.17	36.0	<1	1.0	152.0	0.29	<0.05	0.7	0.464	0.13	0.2	220
H373459		7.5	0.003	<0.01	0.26	33.2	<1	1.0	145.5	0.31	<0.05	0.6	0.538	0.08	0.2	245
H373460		40.0	<0.002	<0.01	0.27	26.5	<1	0.9	145.5	0.37	<0.05	0.7	0.413	0.40	0.1	182
H373461		64.4	<0.002	0.01	0.19	44.9	<1	0.7	78.2	0.16	<0.05	0.4	0.397	0.38	0.1	228
H373462		43.9	<0.002	<0.01	0.32	42.2	<1	0.5	109.0	0.15	<0.05	0.3	0.366	0.43	0.1	218
H373463		39.8	<0.002	<0.01	0.12	31.6	<1	0.4	185.0	0.16	<0.05	0.3	0.277	0.33	0.1	180
H373464		2.8	<0.002	<0.01	0.16	36.9	1	0.7	140.0	0.20	<0.05	0.3	0.580	0.02	0.1	302
H373465		1.8	<0.002	<0.01	0.05	9.0	<1	<0.2	35.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2
H373466		57.7	0.002	0.02	0.19	33.8	1	1.1	419	0.32	<0.05	2.3	0.832	0.41	0.5	216
H373467		57.1	0.002	0.02	0.19	34.0	1	1.1	429	0.33	<0.05	2.5	0.834	0.40	0.6	213
H373468		19.8	<0.002	<0.01	0.11	38.1	<1	0.8	126.5	0.22	<0.05	0.5	0.519	0.11	0.1	254
H373469		71.8	<0.002	0.88	0.16	31.8	2	1.0	105.5	0.30	0.11	0.5	0.787	0.49	0.1	296

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115254

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H373446		0.4	23.2	86	25.8	
H373447		0.4	22.1	102	19.4	
H373448		0.7	24.5	132	23.3	
H373449		0.4	20.4	83	14.2	
H373450		0.6	44.8	148	118.5	<0.001
H373451		0.4	29.0	115	33.4	
H373452		0.4	23.7	112	23.9	0.001
H373453		0.2	27.2	88	36.4	
H373454		0.2	27.3	109	35.6	<0.001
H373455		0.4	22.8	112	18.7	
H373456		0.4	27.6	112	16.4	
H373457		0.3	23.1	132	11.8	
H373458		0.4	22.5	113	17.5	
H373459		0.2	25.4	119	21.1	
H373460		0.3	20.7	100	26.3	
H373461		0.2	23.2	103	14.4	
H373462		0.2	22.0	105	16.5	
H373463		0.1	17.1	82	15.3	
H373464		0.2	26.7	123	19.0	
H373465		0.1	0.7	13	<0.5	
H373466		0.4	36.5	131	80.2	
H373467		0.4	37.6	130	85.0	
H373468		0.2	26.9	105	46.9	
H373469		0.3	23.8	248	15.6	0.001

***** See Appendix Page for comments regarding this certificate *****

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115254

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Can>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09115255

Project: TNR-Mavis

P.O. No.:

This report is for 88 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS WE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-21	High Temperature Drying
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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PO BOX 11684
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: Thor-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372501		0.36	0.12	7.85	0.4	190	0.87	0.66	7.02	0.10	14.65	39.9	43	21.1	166.0	9.28
H372502		0.36	0.06	7.85	<0.2	40	0.70	0.03	5.82	0.15	11.10	43.0	18	4.58	33.7	12.35
H372503		0.23	0.09	7.80	<0.2	40	0.32	0.14	5.87	0.35	10.40	17.9	120	9.92	23.2	9.96
H372504		0.36	0.04	6.68	<0.2	170	0.31	0.10	7.40	0.20	9.67	36.9	116	8.75	22.5	8.14
H372505		0.40	0.08	7.33	<0.2	160	0.74	0.18	6.73	0.12	8.70	40.4	29	6.13	52.6	12.60
H372506		0.52	0.05	7.26	<0.2	130	1.18	0.29	5.43	0.13	25.7	32.7	46	10.8	12.3	11.75
H372507		0.39	0.04	8.08	<0.2	300	0.84	0.11	6.49	0.13	9.31	44.0	138	12.15	33.1	9.06
H372508		0.40	0.04	8.29	<0.2	300	1.23	0.23	7.21	0.12	37.9	40.8	150	14.95	43.8	8.69
H372509		0.66	0.07	8.08	0.3	80	0.54	0.15	6.76	0.17	7.41	43.2	70	9.27	79.6	9.30
H372510		0.44	0.12	7.76	<0.2	100	0.47	<0.01	6.35	0.13	6.10	50.3	79	8.61	87.8	11.35
H372511		0.48	0.04	8.59	<0.2	90	3.51	<0.01	6.58	3.07	4.73	42.9	90	9.52	40.4	8.41
H372512		0.44	0.05	8.32	0.8	50	1.22	0.25	6.70	0.13	9.99	58.2	99	5.47	38.7	10.30
H372513		1.07	0.07	7.84	0.4	50	0.33	<0.01	5.10	0.11	6.58	31.7	22	3.42	41.3	11.40
H372514		0.97	0.04	6.89	0.4	70	0.28	0.15	6.38	0.13	10.15	37.2	122	4.72	31.6	7.45
H372515		0.34	0.05	8.32	<0.2	60	0.69	0.26	7.63	0.13	9.20	48.3	86	2.09	39.1	10.20
H372516		0.57	0.11	8.18	<0.2	50	1.21	0.48	8.53	0.29	8.39	44.8	8	2.04	69.8	13.10
H372517		0.84	0.04	7.30	<0.2	50	0.55	0.57	8.10	0.15	10.95	40.8	124	9.65	40.3	8.53
H372518		1.16	0.01	5.83	0.5	50	0.66	0.03	2.82	5.06	42.4	12.1	65	5.56	4.0	2.38
H372519		0.47	0.04	7.35	<0.2	190	0.33	0.05	6.89	0.07	13.35	36.0	69	13.55	56.1	6.60
H372520		0.20	<0.01	5.90	0.9	110	14.55	0.87	3.09	<0.02	3.13	3.3	12	17.80	17.2	5.70
H372521		0.33	<0.01	0.13	<5	10	0.06	<0.01	25.4	<0.02	1.61	0.7	7	0.47	1.0	0.13
H372522		0.49	0.06	7.52	<0.2	140	1.01	0.09	7.30	0.11	68.5	29.3	151	19.35	50.5	6.38
H372523		0.32	0.05	8.38	<0.2	110	0.49	0.79	8.37	0.11	10.15	38.6	10	10.80	76.4	11.05
H372524		0.28	0.03	7.80	<0.2	260	1.40	0.16	3.28	0.11	37.2	15.6	92	16.65	22.5	3.49
H372525		0.38	0.04	7.80	<0.2	70	0.31	<0.01	8.20	0.12	4.97	46.6	15	3.53	47.5	10.35
H372526		0.68	0.01	0.18	0.8	<10	0.08	0.04	0.14	0.02	0.30	0.5	15	1.74	3.6	0.22
H372527		0.55	0.05	8.41	<0.2	40	2.40	0.13	8.55	0.15	7.66	48.5	163	3.35	67.5	8.80
H372528		0.27	0.04	8.07	0.6	40	0.20	0.03	8.58	0.13	7.34	47.0	64	0.58	57.6	6.83
H372529		0.43	0.03	7.26	0.4	170	0.22	0.03	7.07	0.11	5.28	52.8	88	9.42	33.6	8.94
H372530		0.38	0.02	7.74	0.6	90	0.41	0.38	7.13	0.35	14.65	34.5	87	2.54	20.4	7.90
H372531		0.57	0.03	7.54	<0.2	90	0.56	0.02	6.31	0.12	13.10	48.0	64	4.66	21.1	11.70
H372532		0.36	0.05	7.34	<0.2	60	0.33	0.13	7.12	0.08	6.53	47.0	46	5.16	33.1	9.51
H372533		0.49	0.03	7.52	<0.2	90	0.24	0.01	7.07	0.10	6.04	45.2	65	1.75	37.3	8.89
H372534		0.55	0.06	7.58	<0.2	170	0.25	0.05	8.20	0.09	10.05	52.4	69	4.66	60.3	10.50
H372535		0.32	0.06	7.81	<0.2	210	0.38	0.02	8.70	0.11	6.03	47.2	65	6.19	34.6	10.60
H372536		0.71	0.05	7.40	<0.2	120	0.38	0.02	5.66	0.10	11.60	46.2	72	2.60	63.7	8.99
H372537		0.55	0.09	7.41	<0.2	60	0.51	0.08	8.03	0.14	9.49	57.1	43	2.58	111.5	9.21
H372538		0.39	0.04	7.75	<0.2	90	0.53	0.03	6.42	0.24	12.10	48.6	68	0.94	36.6	9.95
H372539		0.24	<0.01	0.13	5	20	0.05	<0.01	34.3	<0.02	1.25	0.9	2	<0.05	2.8	2.15
H372540		0.45	0.05	7.69	<0.2	90	0.48	0.09	6.16	0.12	7.20	49.6	44	1.41	26.9	10.15

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VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOD	ME-MS61 Ba ppm 0.05	ME-MS61 Be ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H372501		19.80	0.17	1.1	0.104	0.82	5.8	66.9	2.39	1840	0.53	1.76	5.1	34.8	670	1.7
H372502		20.7	0.19	2.0	0.114	0.25	4.6	37.4	2.56	1920	0.45	1.95	6.4	29.8	700	1.5
H372503		16.90	0.19	1.3	0.071	0.20	4.3	23.4	4.36	1460	1.19	2.60	3.5	16.9	510	3.2
H372504		19.00	0.14	0.5	0.064	0.35	4.1	29.1	3.49	1650	0.32	2.08	2.9	51.5	310	2.2
H372505		23.3	0.19	1.9	0.100	0.90	2.9	39.6	3.26	1740	0.35	1.81	4.6	31.9	380	10.9
H372506		23.6	0.21	3.4	0.120	0.69	11.0	31.7	2.52	1950	0.47	2.71	7.6	43.5	1330	3.6
H372507		17.40	0.17	1.2	0.074	1.22	3.5	49.5	3.75	1640	0.45	2.09	4.1	74.5	490	1.7
H372508		16.20	0.21	1.3	0.070	0.81	16.0	94.3	3.62	1340	0.52	1.95	4.9	116.0	780	4.5
H372509		16.20	0.14	0.8	0.074	0.34	2.7	40.5	3.23	1620	0.50	1.75	3.0	54.7	390	2.0
H372510		23.4	0.20	1.3	0.090	0.39	2.9	51.5	3.73	1760	0.45	1.99	4.8	72.1	480	1.5
H372511		17.25	0.14	0.9	0.090	0.25	1.7	82.2	3.45	1400	1.04	2.21	2.7	75.9	300	1.1
H372512		16.30	0.18	0.8	0.064	0.23	4.0	45.9	4.15	1760	0.34	1.82	3.0	75.6	350	1.2
H372513		19.65	0.19	1.7	0.106	0.18	2.9	120.0	3.69	1760	0.18	2.51	4.1	13.9	670	1.5
H372514		15.85	0.14	1.2	0.045	0.23	4.7	49.7	2.80	1210	0.41	1.67	3.1	96.9	290	2.0
H372515		18.50	0.16	1.0	0.086	0.20	3.6	56.1	2.99	1920	0.31	2.12	3.6	59.5	410	1.1
H372516		22.3	0.19	2.0	0.134	0.22	3.4	72.0	2.52	2770	1.39	1.67	5.0	14.8	220	1.9
H372517		16.60	0.15	1.1	0.070	0.13	4.4	71.9	3.90	1500	0.25	0.80	3.4	91.9	490	1.1
H372518		13.05	0.13	2.9	0.330	0.12	16.0	34.1	1.64	435	0.17	2.98	4.5	65.5	740	4.8
H372519		18.25	0.16	1.2	0.051	1.01	6.8	40.7	2.65	1240	3.52	1.54	3.4	98.8	490	1.8
H372520		19.65	0.08	4.2	<0.005	0.34	1.3	13.1	0.16	90	0.27	2.54	27.8	7.6	1310	8.8
H372521		5.38	0.11	0.1	0.215	0.03	1.7	0.8	1.75	137	<0.05	3.06	0.4	0.6	70	<0.5
H372522		16.45	0.20	1.8	0.071	0.47	25.3	26.7	3.93	1190	0.19	1.57	5.0	101.0	1440	5.8
H372523		16.70	0.15	1.1	0.089	0.30	4.2	20.7	2.11	1990	0.32	1.73	4.0	21.7	330	2.3
H372524		24.4	0.14	4.2	0.044	0.80	12.7	104.5	2.14	538	0.13	3.65	6.5	82.1	890	8.9
H372525		17.65	0.16	1.8	0.087	0.26	1.5	16.2	3.03	1940	0.21	2.01	3.7	27.4	420	1.2
H372526		5.20	<0.05	<0.1	<0.005	0.03	<0.5	1.4	0.03	31	0.31	0.04	0.1	2.4	50	1.8
H372527		14.95	0.16	0.5	0.063	0.19	3.0	13.8	4.22	1680	0.24	1.23	2.6	82.9	250	1.8
H372528		16.80	0.12	0.4	0.047	0.16	3.8	18.7	3.82	1160	0.20	1.03	2.1	168.5	270	1.1
H372529		18.80	0.13	0.6	0.062	0.50	1.7	24.7	4.44	1560	0.15	1.24	2.4	111.0	240	1.4
H372530		18.15	0.13	0.8	0.071	0.17	5.9	10.2	2.81	1460	0.51	2.08	2.8	40.9	950	3.4
H372531		25.0	0.16	1.5	0.103	0.30	4.9	17.9	2.75	1780	0.20	1.66	6.4	97.0	520	1.4
H372532		19.65	0.14	0.8	0.075	0.21	2.4	16.7	3.52	1630	0.20	1.90	2.9	54.0	340	2.6
H372533		17.30	0.14	0.4	0.069	0.27	2.6	12.2	3.99	1640	0.22	1.69	2.7	58.3	290	0.9
H372534		19.30	0.15	0.8	0.087	0.24	3.9	14.8	2.63	1780	0.18	1.12	3.4	63.0	370	0.9
H372535		19.55	0.15	2.1	0.084	0.40	1.9	14.7	3.13	1760	0.59	2.43	5.1	49.2	400	2.1
H372536		18.25	0.19	0.8	0.098	0.22	4.3	13.5	3.06	1560	0.15	2.50	5.3	62.8	380	1.4
H372537		19.80	0.13	0.8	0.074	0.20	3.7	7.2	3.72	1780	0.21	1.45	2.8	93.6	270	0.9
H372538		22.1	0.15	1.8	0.092	0.19	4.0	5.7	2.93	1540	0.38	2.72	6.8	56.5	460	1.7
H372539		0.35	0.05	<0.1	<0.005	0.02	1.8	0.7	1.44	110	<0.05	0.06	0.3	1.1	80	<0.5
H372540		18.15	0.14	1.7	0.088	0.16	2.0	14.1	3.33	1660	0.66	2.46	4.3	37.7	400	1.4

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LRD	ME-MS61 Pb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
HST2501		139.0	<0.002	0.06	0.24	42.9	2	2.1	114.0	0.32	<0.05	0.6	0.715	0.62	0.1	321
HST2502		93.2	<0.002	0.02	0.13	33.9	2	1.2	248	0.41	<0.05	0.6	1.120	0.07	0.1	309
HST2503		9.9	0.002	0.33	0.17	43.6	4	0.5	88.7	0.22	0.05	0.3	0.598	0.08	0.1	302
HST2504		20.6	<0.002	0.02	0.18	38.9	2	0.7	194.5	0.19	<0.05	0.3	0.493	0.14	0.1	248
HST2505		104.0	0.002	0.03	0.15	50.2	2	1.0	137.5	0.29	<0.05	0.5	1.365	0.65	0.1	696
HST2506		62.9	<0.002	0.02	0.13	39.4	3	2.1	175.0	0.49	<0.05	1.9	1.195	0.46	0.4	249
HST2507		92.7	<0.002	0.01	0.14	35.3	2	1.2	109.0	0.26	<0.05	0.7	0.505	0.65	0.2	251
HST2508		65.7	<0.002	0.02	0.14	32.1	2	2.7	538	0.30	<0.05	2.1	0.505	0.41	0.5	224
HST2509		36.1	<0.002	0.02	0.31	42.6	2	0.8	90.5	0.20	<0.05	0.5	0.448	0.22	0.1	241
HST2510		45.7	<0.002	0.01	0.15	35.1	2	1.0	146.0	0.31	<0.05	0.5	0.973	0.22	0.1	389
HST2511		12.6	<0.002	<0.01	0.14	33.5	2	0.8	158.5	0.18	<0.05	0.3	0.479	0.16	0.1	232
HST2512		25.2	<0.002	0.02	0.28	61.2	2	1.1	88.9	0.19	<0.05	0.4	0.475	0.17	0.1	316
HST2513		12.7	<0.002	0.02	0.20	48.5	5	0.9	152.0	0.26	<0.05	0.5	0.694	0.14	0.1	350
HST2514		21.5	<0.002	0.02	0.25	25.5	2	0.7	138.0	0.23	<0.05	0.8	0.377	0.11	0.1	157
HST2515		10.5	<0.002	0.02	0.18	52.6	2	1.3	125.5	0.66	<0.05	0.5	0.584	0.08	0.1	289
HST2516		6.3	0.002	0.03	0.19	56.6	2	1.7	74.2	0.34	<0.05	0.6	0.808	0.13	0.1	362
HST2517		20.9	<0.002	0.01	0.24	45.2	2	2.8	105.0	0.21	0.05	0.8	0.462	0.14	0.1	225
HST2518		9.9	<0.002	<0.01	0.10	7.5	2	0.8	361	0.29	<0.05	4.8	0.252	0.07	1.0	58
HST2519		215	<0.002	0.02	0.55	21.3	2	0.8	127.5	0.22	<0.05	0.7	0.333	1.40	0.1	163
HST2520		15.9	<0.002	<0.01	0.28	1.0	1	3.2	107.0	>100	<0.05	1.4	0.028	0.13	8.6	15
HST2521		1.5	<0.002	<0.01	<0.05	0.3	2	<0.2	85.6	1.71	<0.05	<0.2	0.006	0.02	0.1	2
HST2522		39.4	<0.002	<0.01	0.19	28.3	2	1.0	388	2.89	<0.05	4.4	0.463	0.29	1.0	197
HST2523		31.2	<0.002	0.10	0.28	46.1	2	1.4	122.5	0.77	<0.05	0.9	0.626	0.25	0.1	296
HST2524		104.0	<0.002	0.01	0.07	10.7	3	1.0	406	0.64	<0.05	4.3	0.379	0.60	1.3	84
HST2525		9.6	<0.002	<0.01	0.13	51.0	2	0.8	151.0	0.38	<0.05	0.4	0.602	0.05	0.1	304
HST2526		6.4	<0.002	0.01	0.12	0.2	2	0.3	5.3	<0.05	<0.05	<0.2	0.006	0.04	<0.1	1
HST2527		4.7	<0.002	0.03	0.19	52.5	2	7.7	119.0	0.32	<0.05	0.3	0.392	0.04	0.1	254
HST2528		7.3	<0.002	0.02	0.24	31.2	2	0.5	126.0	0.17	<0.05	0.3	0.237	0.07	0.1	161
HST2529		24.9	<0.002	0.02	0.16	43.3	2	0.5	116.5	0.16	<0.05	0.2	0.434	0.18	0.1	275
HST2530		5.3	<0.002	<0.01	0.22	34.0	2	0.8	206	0.16	<0.05	0.4	0.607	0.03	0.1	265
HST2531		15.7	<0.002	<0.01	0.19	38.4	2	1.2	149.5	0.40	<0.05	0.5	1.060	0.08	0.1	369
HST2532		14.4	<0.002	0.01	0.13	44.6	2	0.5	237	0.20	<0.05	0.2	0.562	0.07	0.1	312
HST2533		9.8	<0.002	0.01	0.09	45.2	2	0.5	122.5	0.17	<0.05	0.2	0.491	0.04	0.1	298
HST2534		14.3	<0.002	0.02	0.15	49.5	2	0.8	103.0	0.23	<0.05	0.3	0.606	0.05	0.1	378
HST2535		25.0	<0.002	0.04	0.20	41.2	2	0.8	191.0	0.33	<0.05	0.5	0.621	0.10	0.1	362
HST2536		10.4	<0.002	0.03	0.07	35.0	2	0.7	224	0.33	<0.05	0.4	0.782	0.08	0.1	284
HST2537		6.3	<0.002	0.01	0.08	40.9	2	0.8	205	0.19	0.05	0.2	0.569	0.04	0.1	304
HST2538		4.6	<0.002	0.01	0.26	36.0	2	1.1	115.5	0.47	<0.05	0.5	0.671	0.03	0.1	336
HST2539		0.3	<0.002	0.02	<0.05	0.5	3	<0.2	84.5	<0.05	<0.05	<0.2	0.010	<0.02	0.1	3
HST2540		2.7	<0.002	<0.01	0.08	41.4	2	0.8	119.5	0.28	<0.05	0.4	0.629	<0.02	0.1	309

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VANCOUVER BC V6B 4N9

Project: TNR Mavis

Finalized Date: 27-OCT-2009
Account: COAMO

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOD	WE-MS61 W ppm 0.1	WE-MS61 Y ppm 0.1	WE-MS61 Zr ppm 2	WE-MS61 Zr ppm 0.5	Au-GRA21 Au ppm 0.001
KG72501		1.1	31.8	107	31.1	0.004
KG72502		0.4	34.4	143	83.0	0.001
KG72503		0.4	24.8	149	38.7	
KG72504		0.4	25.7	122	12.3	
KG72505		1.3	27.8	266	56.9	
KG72506		1.2	47.7	118	114.0	
KG72507		0.5	25.3	106	38.7	
KG72508		0.4	30.3	104	45.3	
KG72509		0.5	26.7	108	26.1	
KG72510		0.5	26.1	132	36.8	
KG72511		0.2	20.8	93	23.7	
KG72512		0.4	32.1	125	11.8	
KG72513		0.4	36.0	127	52.5	
KG72514		0.3	26.7	124	31.6	
KG72515		0.5	31.8	126	24.7	
KG72516		0.5	43.8	203	59.3	
KG72517		0.4	27.6	106	29.8	
KG72518		0.5	9.4	48	97.2	
KG72519		0.6	18.0	56	34.1	0.004
KG72520		0.8	1.0	22	19.9	
KG72521		<0.1	2.9	<2	1.8	
KG72522		0.2	34.7	64	62.2	
KG72523		0.6	33.8	126	36.6	
KG72524		0.2	12.3	91	140.5	
KG72525		0.2	35.0	151	46.5	
KG72526		119.0	0.4	5	<0.5	
KG72527		0.9	24.6	105	8.7	
KG72528		0.4	15.6	81	16.1	
KG72529		0.1	20.8	86	15.8	
KG72530		0.3	22.3	93	26.2	
KG72531		0.3	33.7	137	47.8	
KG72532		0.3	25.5	104	20.7	
KG72533		0.1	23.2	99	8.8	
KG72534		0.3	29.8	115	13.2	
KG72535		0.3	34.0	122	77.5	
KG72536		0.2	24.8	104	17.3	
KG72537		0.4	19.8	104	12.8	
KG72538		0.5	30.5	145	64.2	
KG72539		<0.1	5.2	<2	1.8	
KG72540		0.3	29.0	122	39.6	

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372541		0.61	0.05	7.12	<0.2	130	0.44	0.03	6.34	0.12	11.95	40.4	54	6.45	53.7	9.69
H372542		0.64	0.05	7.07	<0.2	70	0.50	0.05	6.24	0.12	20.1	37.9	24	3.47	67.2	10.50
H372543		0.93	0.04	8.46	<0.2	40	0.42	0.07	6.54	0.14	14.70	51.2	81	1.43	46.3	8.38
H372544		0.61	0.10	8.11	<0.2	50	0.37	0.02	6.66	0.11	9.06	49.5	124	1.07	52.9	8.74
H372545		0.40	0.08	7.85	<0.2	80	0.28	0.01	7.27	0.11	7.10	50.5	127	6.00	30.0	8.69
H372546		0.51	0.03	7.36	<0.2	30	0.29	0.03	5.94	0.13	9.53	44.6	60	1.07	19.2	7.65
H372547		0.47	0.06	7.62	<0.2	40	0.27	0.06	7.02	0.14	10.55	52.9	134	2.91	121.0	9.66
H372548		0.45	0.04	7.79	<0.2	50	0.33	0.09	6.69	0.15	5.85	54.8	166	13.80	28.4	11.35
H372549		0.51	0.06	8.54	<0.2	150	0.62	0.01	7.37	0.08	12.95	49.3	156	8.65	45.4	7.91
H372550		0.43	0.07	8.60	<0.2	90	0.34	0.01	7.32	0.07	11.80	47.4	182	5.83	96.5	7.68
H372551		0.58	0.05	7.66	<0.2	50	0.31	0.06	5.97	0.23	8.50	47.8	50	19.05	51.8	10.75
H372552		0.40	0.03	6.87	0.2	220	0.26	1.61	6.63	0.16	2.15	2.9	5	5.24	43.0	2.97
H372553		0.65	0.12	8.09	0.2	190	0.58	0.18	6.07	0.11	10.75	43.9	89	14.70	75.1	8.25
H372554		0.57	0.06	8.24	<0.2	90	0.41	0.05	7.61	0.12	14.00	45.6	69	5.95	69.9	8.23
H372555		0.24	0.04	7.70	<0.2	80	0.32	0.02	6.71	0.11	8.21	44.4	93	1.01	24.8	8.92
H372556		0.51	0.00	7.95	<0.2	70	0.37	0.04	7.87	0.09	19.60	43.6	105	4.12	74.2	7.82
H372557		0.52	0.03	8.31	0.2	120	0.53	0.02	6.91	0.09	15.20	63.0	126	6.09	32.5	8.39
H372558		0.53	0.04	8.15	<0.2	120	0.41	0.05	7.65	0.11	14.10	46.5	169	9.26	64.6	7.54
H372559		0.56	<0.01	0.07	7	10	0.06	0.02	19.70	0.05	1.22	1.1	2	0.13	1.5	0.44
H372560		0.66	0.02	8.34	0.8	90	0.28	0.01	6.17	0.11	9.51	50.1	62	5.49	34.0	7.81
H372561		0.37	0.04	7.89	<0.2	90	0.29	0.03	7.79	0.11	8.31	49.6	99	1.71	46.1	7.80
H372562		0.39	0.07	7.60	<0.2	60	0.27	0.25	7.46	0.20	9.51	49.5	59	2.02	68.1	8.31
H372563		0.46	0.04	7.35	<0.2	50	0.23	0.30	7.15	0.14	15.60	46.9	58	10.95	36.3	9.70
H372564		0.60	0.09	7.62	0.9	60	0.59	0.25	6.68	0.34	13.85	47.9	43	5.89	97.6	11.05
H372565		0.58	0.06	7.73	0.2	80	0.65	0.08	6.34	0.14	15.40	41.9	31	54.1	67.2	11.10
H372566		0.34	0.07	7.74	0.4	80	0.48	0.02	5.18	0.15	11.45	40.5	44	2.23	58.6	10.60
H372567		0.65	0.04	7.98	<0.2	90	0.23	0.03	6.34	0.15	9.71	49.9	80	2.88	31.9	8.00
H372568		0.30	0.19	3.92	0.2	70	0.11	0.10	1.75	0.13	3.47	7.6	38	2.15	42.2	6.38
H372569		0.79	0.07	7.15	<0.2	170	0.42	0.04	5.69	0.11	6.05	40.1	57	4.03	39.3	8.12
H372570		0.56	0.06	5.99	0.5	160	0.66	0.19	4.39	0.11	18.75	34.1	50	4.14	>10.0	5.92
H372571		0.52	0.05	7.15	<0.2	190	0.48	0.06	5.95	0.12	9.77	37.2	69	4.46	45.5	9.09
H372572		1.07	0.02	4.56	0.4	120	0.20	0.02	1.97	0.15	3.95	41.2	148	10.20	35.7	3.81
H372573		1.00	0.04	7.08	0.3	40	0.29	0.07	5.48	0.15	9.01	52.3	49	1.37	>10.0	8.88
H372574		0.87	<0.01	0.07	0.3	<10	<0.05	<0.01	3.08	<0.02	0.85	0.6	6	2.59	2.6	0.16
H372575		0.81	0.06	7.49	<0.2	90	0.41	0.06	6.58	0.10	11.45	44.6	66	2.16	35.0	10.10
H372576		0.64	<0.01	0.07	<5	10	<0.05	0.02	18.30	0.07	0.93	0.1	3	0.10	1.4	0.42
H372577		0.63	0.06	8.13	0.6	60	0.34	0.01	7.00	0.11	7.82	52.4	86	3.65	59.5	11.75
H372578		0.61	0.05	7.71	<0.2	130	0.32	0.02	5.70	0.15	8.57	38.1	67	23.4	41.8	12.25
H372579		0.46	0.03	7.69	<0.2	20	0.19	0.02	5.91	0.19	3.24	41.7	48	0.39	5.6	8.91
H372580		0.59	0.03	8.06	0.3	90	0.36	0.20	5.78	0.13	5.83	43.3	45	7.68	16.4	8.14

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LRD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Rb ppm 0.5
H372541		20.4	0.13	1.0	0.107	0.44	4.8	21.1	3.00	1700	0.21	2.17	4.3	38.3	580	1.6
H372542		24.6	0.16	2.0	0.102	0.34	8.1	17.5	2.34	1700	0.22	2.04	7.5	26.8	750	4.6
H372543		18.95	0.14	1.8	0.074	0.13	6.0	17.5	3.21	1420	0.18	2.46	5.2	85.5	480	2.0
H372544		17.95	0.26	1.2	0.070	0.21	3.4	17.5	3.27	1870	0.33	2.36	3.6	72.7	370	1.6
H372545		14.40	0.13	0.7	0.074	0.33	2.7	32.9	3.85	1660	0.13	1.66	3.2	57.1	290	1.1
H372546		16.00	0.11	0.7	0.071	0.11	3.4	9.8	3.74	1440	0.12	2.05	3.3	51.3	270	1.0
H372547		16.65	0.15	0.7	0.084	0.19	4.1	27.3	3.79	1680	0.32	1.49	3.9	67.5	400	1.0
H372548		16.10	0.15	1.0	0.066	0.24	1.9	64.6	4.25	2030	0.10	1.60	3.7	71.9	310	1.2
H372549		16.05	0.13	0.7	0.050	0.37	6.1	59.0	3.30	1320	0.18	1.83	3.7	162.5	350	1.5
H372550		16.40	0.13	0.8	0.049	0.35	5.8	32.3	3.24	1040	0.24	1.61	3.8	194.5	360	1.4
H372551		16.60	0.15	1.6	0.094	0.24	3.0	30.2	3.50	2490	0.22	2.22	4.2	46.2	390	2.7
H372552		20.4	0.09	0.2	0.063	1.13	1.4	3.4	0.04	383	0.38	1.04	0.7	2.9	380	4.1
H372553		17.75	0.15	1.1	0.060	0.38	4.1	39.7	2.87	1430	0.67	1.96	4.8	120.5	520	4.8
H372554		17.95	0.17	0.7	0.060	0.30	6.1	23.6	3.08	1460	0.34	1.58	4.0	80.5	380	1.6
H372555		13.25	0.16	0.5	0.068	0.31	3.2	21.2	3.27	1360	0.18	2.25	3.2	54.2	200	4.1
H372556		19.40	0.12	0.8	0.059	0.24	6.8	30.5	3.04	1525	0.32	0.95	4.5	120.5	460	1.7
H372557		20.1	0.14	1.2	0.072	0.55	6.8	69.6	3.60	1200	0.19	2.11	4.1	141.0	490	1.0
H372558		19.30	0.13	0.5	0.052	0.60	6.6	76.8	3.10	1380	0.35	1.65	3.7	153.5	320	1.3
H372559		0.23	0.09	<0.1	<0.005	0.02	0.6	1.0	12.85	156	<0.05	0.01	0.2	2.5	170	1.1
H372560		15.90	0.12	0.8	0.053	0.19	2.5	68.8	4.18	1900	0.25	2.55	2.5	184.5	250	0.8
H372561		19.00	0.12	0.7	0.055	0.10	3.4	34.7	3.75	1450	0.34	1.67	3.2	112.5	310	1.8
H372562		18.55	0.14	0.7	0.069	0.21	3.8	15.3	3.60	1660	0.23	1.88	2.7	61.6	310	2.3
H372563		19.45	0.15	0.8	0.068	0.16	5.9	48.4	3.37	1690	0.30	1.62	4.3	53.7	520	1.5
H372564		25.7	0.15	0.8	0.058	0.31	5.0	61.4	2.66	1700	0.35	1.99	5.1	46.3	490	4.2
H372565		25.9	0.19	1.8	0.121	0.22	5.8	99.2	2.62	1780	0.32	1.67	5.3	41.9	670	2.1
H372566		25.5	0.14	1.5	0.096	0.27	4.8	50.9	2.23	1580	0.46	2.31	5.8	36.4	550	2.4
H372567		16.30	0.12	0.9	0.061	0.23	3.3	18.7	3.98	1320	0.18	2.28	2.8	110.5	300	2.3
H372568		12.95	0.10	1.5	0.397	0.10	1.8	1.8	1.58	964	5.08	1.42	3.3	5.9	180	3.1
H372569		19.35	0.13	1.8	0.080	0.44	1.7	38.3	3.69	1470	0.48	2.27	5.3	56.2	430	1.8
H372570		18.65	0.11	1.5	0.058	0.42	8.0	35.8	1.68	891	0.98	2.30	4.7	64.6	490	4.5
H372571		19.85	0.12	1.3	0.317	0.37	3.5	163.0	3.56	1500	0.29	2.29	5.4	78.1	640	1.3
H372572		10.40	0.08	0.4	0.029	0.47	1.5	166.5	1.92	846	0.08	0.49	1.5	149.5	110	1.2
H372573		18.25	0.19	0.4	0.060	0.13	3.2	42.7	3.81	1560	0.21	1.55	2.5	92.9	290	1.0
H372574		0.28	<0.05	<0.1	<0.005	<0.01	<0.5	1.9	0.02	21	0.06	0.02	0.1	0.3	20	<0.5
H372575		20.5	0.13	0.9	0.087	0.22	4.3	15.1	3.14	1660	0.27	2.00	3.6	58.0	480	1.6
H372576		0.26	0.09	<0.1	<0.005	0.02	0.5	1.0	12.45	199	0.07	0.01	0.1	1.5	160	1.2
H372577		23.1	0.16	0.7	0.060	0.29	2.9	73.8	3.66	1620	0.64	1.53	3.6	76.6	420	0.8
H372578		21.7	0.14	1.3	0.101	0.48	3.1	145.5	3.80	1930	0.15	2.06	4.0	39.8	550	1.8
H372579		13.80	0.12	1.1	0.068	0.09	1.0	156.0	4.09	1710	0.15	2.11	3.0	47.1	250	1.9
H372580		13.65	0.09	0.8	0.062	0.59	2.1	49.1	2.90	1490	0.27	2.96	2.9	51.4	360	7.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOD	WEI-AR01 Rb ppm 0.1	WEI-AR01 Re ppm 0.002	WEI-AR01 S % 0.01	WEI-AR01 Sb ppm 0.05	WEI-AR01 Sc ppm 0.1	WEI-AR01 Se ppm 1	WEI-AR01 Sn ppm 0.2	WEI-AR01 Sr ppm 0.2	WEI-AR01 Ta ppm 0.05	WEI-AR01 Te ppm 0.05	WEI-AR01 Th ppm 0.2	WEI-AR01 Ti % 0.005	WEI-AR01 Tl ppm 0.02	WEI-AR01 U ppm 0.1	WEI-AR01 V ppm 1
KST2541		32.1	<0.002	0.01	0.13	38.3	2	0.8	156.0	0.29	<0.05	0.5	0.906	0.17	0.1	433
KST2542		14.5	<0.002	0.05	1.67	33.9	2	1.3	239	0.47	<0.05	0.8	1.030	0.06	0.2	304
KST2543		2.4	<0.002	0.02	0.63	40.5	2	1.0	239	0.35	<0.05	0.8	0.662	<0.02	0.2	254
KST2544		5.9	<0.002	<0.01	0.14	45.7	2	0.7	123.0	0.25	<0.05	0.4	0.534	0.03	0.1	270
KST2545		34.2	<0.002	<0.01	0.10	56.8	2	0.6	82.5	0.21	<0.05	0.3	0.504	0.17	0.1	282
KST2546		2.8	<0.002	<0.01	0.08	49.4	2	0.7	94.4	0.20	<0.05	0.3	0.411	<0.02	0.1	243
KST2547		5.4	<0.002	0.13	0.10	48.8	2	0.7	148.0	0.25	<0.05	0.4	0.565	0.07	0.1	310
KST2548		23.3	<0.002	0.01	0.06	61.7	2	0.9	90.8	0.22	<0.05	0.4	0.533	0.18	0.1	300
KST2549		46.9	<0.002	<0.01	0.11	29.2	2	0.8	141.0	0.25	<0.05	0.8	0.405	0.36	0.1	185
KST2550		36.3	<0.002	0.02	0.07	27.7	2	0.8	168.0	0.24	<0.05	0.8	0.394	0.23	0.1	175
KST2551		20.3	<0.002	0.05	0.22	58.9	2	0.9	61.6	0.27	<0.05	0.5	0.657	0.16	0.1	306
KST2552		70.3	<0.002	0.02	0.32	1.9	2	2.1	283	<0.05	<0.05	<0.2	0.061	0.70	0.1	146
KST2553		25.0	<0.002	0.10	0.10	32.9	2	0.8	193.0	0.31	<0.05	0.7	0.526	0.32	0.2	211
KST2554		9.5	<0.002	0.01	0.09	35.1	2	0.8	158.5	0.28	<0.05	0.7	0.473	0.11	0.2	217
KST2555		5.8	<0.002	0.01	0.05	52.8	2	0.5	116.0	0.19	<0.05	0.3	0.426	0.05	0.1	262
KST2556		10.0	<0.002	0.03	<0.05	27.5	2	1.0	168.5	0.30	<0.05	1.1	0.462	0.07	0.2	179
KST2557		65.5	<0.002	0.01	0.18	27.9	2	1.0	154.0	0.27	<0.05	0.7	0.531	0.31	0.1	203
KST2558		74.3	<0.002	0.06	0.21	27.4	2	0.7	235	0.25	<0.05	0.7	0.405	0.68	0.1	194
KST2559		1.3	<0.002	0.01	<0.05	0.5	2	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	4
KST2560		10.1	<0.002	0.01	0.20	32.8	1	0.8	110.0	0.16	<0.05	0.3	0.276	0.13	0.1	168
KST2561		2.0	<0.002	0.01	0.11	33.4	1	0.8	124.5	0.21	<0.05	0.3	0.376	0.05	0.1	196
KST2562		4.2	<0.002	<0.01	0.17	44.0	2	0.5	135.0	0.19	<0.05	0.3	0.507	0.03	0.1	289
KST2563		17.9	<0.002	<0.01	0.42	43.4	2	13.6	149.0	0.27	<0.05	0.5	0.705	0.21	0.1	310
KST2564		16.8	<0.002	0.02	0.42	42.0	2	1.0	180.0	0.33	<0.05	0.5	1.110	0.21	0.2	409
KST2565		58.3	<0.002	0.02	0.15	40.3	2	1.7	168.5	0.39	<0.05	0.7	1.130	0.51	0.2	353
KST2566		9.2	<0.002	0.02	0.11	34.1	2	0.8	180.5	0.32	<0.05	0.7	0.932	0.06	0.1	303
KST2567		9.3	<0.002	0.02	0.11	40.0	2	0.5	133.0	0.20	<0.05	0.4	0.429	0.05	0.1	236
KST2568		5.2	0.003	0.11	0.06	19.3	5	2.2	42.7	0.24	0.50	1.5	0.298	0.03	0.3	106
KST2569		17.1	<0.002	0.02	0.27	36.0	2	0.8	173.5	0.33	<0.05	0.8	0.609	0.13	0.1	262
KST2570		39.1	<0.002	0.05	0.65	23.3	2	0.8	100	0.29	<0.05	1.8	0.464	0.29	0.5	183
KST2571		60.5	<0.002	0.02	0.16	35.9	2	1.1	111.5	0.32	<0.05	0.5	0.640	0.33	0.1	259
KST2572		75.8	<0.002	0.01	0.14	27.5	1	0.3	136.0	0.10	<0.05	0.2	0.231	0.56	<0.1	163
KST2573		5.1	<0.002	0.04	0.35	38.2	2	0.5	94.8	0.19	<0.05	0.2	0.556	0.03	0.1	274
KST2574		0.4	<0.002	<0.01	<0.05	0.2	1	<0.2	2.8	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	2
KST2575		4.8	<0.002	0.02	0.11	34.8	2	0.9	165.0	0.35	<0.05	0.5	0.797	0.03	0.1	294
KST2576		0.8	<0.002	0.03	<0.05	0.2	2	<0.2	35.6	<0.05	<0.05	<0.2	0.008	<0.02	0.7	5
KST2577		35.8	0.002	0.02	0.14	43.3	2	0.6	154.5	0.24	<0.05	0.3	1.130	0.17	0.1	446
KST2578		45.6	<0.002	0.10	0.11	38.7	2	0.6	169.5	0.28	<0.05	0.5	1.030	0.32	0.1	376
KST2579		1.1	<0.002	0.02	0.06	46.0	2	0.6	32.4	0.16	<0.05	0.3	0.424	<0.02	0.1	252
KST2580		24.2	<0.002	0.02	0.08	45.5	1	0.6	282	0.19	<0.05	0.4	0.416	0.13	0.1	229

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VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 1	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H372541		0.4	24.7	105	31.9	
H372542		0.6	36.7	153	63.9	
H372543		0.6	26.5	119	65.4	
H372544		0.3	27.7	120	39.0	
H372545		0.3	30.2	119	21.1	
H372546		0.2	27.4	90	23.1	
H372547		0.3	30.7	120	17.6	
H372548		0.2	34.1	132	33.2	
H372549		0.2	20.8	96	22.2	
H372550		0.1	19.3	82	27.5	
H372551		0.3	34.7	139	54.1	
H372552		0.1	3.3	8	5.7	
H372553		0.4	33.1	152	37.7	
H372554		0.3	23.3	104	22.4	
H372555		0.1	26.4	105	11.7	
H372556		0.2	22.7	86	27.2	
H372557		0.3	22.8	65	64.2	
H372558		0.2	16.2	56	15.8	
H372559		0.1	0.9	14	<0.5	
H372560		0.2	16.9	82	26.1	
H372561		0.1	17.8	85	21.5	
H372562		0.3	24.1	97	20.1	
H372563		0.4	29.8	197	20.5	
H372564		0.4	27.0	127	22.6	
H372565		0.3	33.8	133	62.7	
H372566		0.2	28.4	130	59.6	
H372567		0.1	19.5	96	28.2	0.001
H372568		0.1	11.8	242	63.3	
H372569		0.3	23.1	102	56.9	
H372570		0.3	16.3	68	61.3	
H372571		0.3	22.5	96	32.8	
H372572		0.1	10.3	69	7.9	
H372573		0.3	15.8	69	7.9	
H372574		<0.1	0.2	<2	<0.5	
H372575		0.2	28.0	124	28.7	
H372576		0.1	0.6	17	<0.5	
H372577		0.2	21.4	124	19.4	
H372578		0.3	25.6	147	49.0	
H372579		0.1	25.5	138	41.7	
H372580		0.2	26.4	114	32.0	

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Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
HST2581		0.60	0.03	8.19	0.5	88	0.37	0.01	8.76	0.10	12.45	38.9	91	1.98	63.6	7.91
HST2582		0.53	0.04	8.30	0.5	230	0.35	0.03	7.14	0.10	8.61	31.7	91	10.90	36.5	7.62
HST2583		0.36	0.02	6.77	0.8	120	0.85	0.10	4.32	0.09	3.19	34.3	35	294	37.9	9.77
HST2584		0.47	0.05	8.57	0.4	40	0.39	0.03	7.74	0.09	17.70	49.3	156	3.23	52.8	7.99
HST2585		0.72	0.11	8.57	0.4	40	0.39	0.14	7.81	0.07	17.20	50.7	122	2.31	117.5	8.38
HST2586		0.63	<0.01	0.23	<5	20	0.07	0.02	18.95	0.05	1.63	1.8	5	0.70	1.1	0.45
HST5470		0.77	0.04	7.47	<0.2	70	0.16	0.01	7.49	0.12	7.08	56.9	51	0.52	27.4	10.00
HST5471		0.76	0.24	7.34	<0.2	80	0.43	0.07	5.47	0.19	23.3	24.9	55	1.50	114.0	9.05

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Finalized Date: 27-OCT-2009
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CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LOD	Ox ppm 0.01	Ga ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
H372581		16.35	0.11	0.7	0.042	0.26	5.1	58.9	2.48	1600	0.21	2.45	4.2	52.1	420	1.7
H372582		17.85	0.11	0.6	0.056	0.41	3.7	52.5	2.62	1560	0.52	1.67	3.6	41.1	430	1.8
H372583		14.25	0.12	1.3	0.072	0.39	1.0	133.0	2.67	1640	0.25	1.44	3.0	31.6	500	1.3
H372584		19.65	0.12	0.7	0.055	0.29	7.8	112.5	3.41	1350	0.32	1.59	3.9	164.5	350	1.9
H372585		19.15	0.13	0.7	0.061	0.22	6.2	96.8	3.13	1440	0.23	1.38	4.3	152.0	410	3.7
H372589		0.40	0.07	<0.1	<0.005	0.10	0.8	3.1	12.35	221	0.08	0.02	0.3	4.9	250	1.2
H373470		18.70	0.13	0.5	0.072	0.16	2.4	23.3	3.83	1740	0.13	2.06	2.7	103.0	210	0.9
H373471		18.90	0.14	1.2	0.079	0.21	8.2	15.4	2.38	1740	0.25	2.51	4.4	28.3	1060	2.1

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CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units LRD	ME-MS61 Pb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
HGT2581		3.9	<0.002	0.01	0.06	39.3	2	0.7	116.5	0.28	<0.05	0.7	0.445	0.04	0.2	208
HGT2582		31.1	<0.002	0.04	0.10	33.7	1	0.8	111.5	0.25	<0.05	0.8	0.455	0.32	0.2	208
HGT2583		189.0	<0.002	0.02	0.25	42.3	2	1.4	79.1	0.19	<0.05	0.4	0.487	1.99	0.1	243
HGT2584		15.2	<0.002	0.02	0.30	37.6	1	0.7	95.1	0.24	<0.05	1.0	0.430	0.11	0.2	186
HGT2585		12.9	<0.002	0.09	0.26	32.5	2	0.8	127.0	0.28	<0.05	1.0	0.486	0.08	0.2	197
HGT2586		5.0	<0.002	0.02	<0.05	0.4	1	<0.2	40.0	<0.05	<0.05	<0.2	0.011	0.03	0.1	6
HGT3470		3.9	<0.002	0.02	0.14	42.3	2	0.6	107.5	0.19	<0.05	0.3	0.638	0.04	0.1	320
HGT3471		6.9	0.002	0.25	0.13	30.6	5	0.8	260	0.26	0.05	0.8	0.964	0.05	0.2	260

***** See Appendix Page for comments regarding this certificate *****

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PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 27-OCT-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09115255

Sample Description	Method Analyte Units Limit	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 1	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H372581		0.1	25.4	110	25.8	
H372582		0.1	23.2	105	26.7	
H372583		0.1	23.8	102	48.5	
H372584		0.2	20.8	97	27.0	
H372585		0.2	22.7	103	25.8	
H372586		0.1	3.9	14	0.7	
H373470		0.2	18.3	107	10.1	
H373471		0.2	21.7	108	41.6	

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CERTIFICATE OF ANALYSIS TB09115255

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As;ICP-AES results shown
ME-MS61	REE's may not be totally soluble in this method

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Finalized Date: 11-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09121052

Project: TNR Mavis

P.O. No.:

This report is for 58 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LNR	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372601		1.12	0.01	1.61	0.5	10	1.90	0.11	1.87	0.14	30.4	2.1	10	0.81	2.6	0.79
H372602		1.52	<0.01	1.20	1.3	1010	8.89	0.14	0.89	0.02	20.1	1.4	8	92.0	9.2	0.96
H372603		1.25	<0.01	0.12	0.6	20	14.20	0.15	0.35	<0.02	0.61	1.0	3	15.60	0.8	0.39
H372604		0.88	<0.01	0.07	<5	10	0.11	0.03	19.70	0.05	0.86	0.9	2	0.36	1.5	0.40
H372605		1.48	0.08	6.07	14.2	620	0.92	0.44	0.71	0.09	46.5	2.7	25	28.0	24.8	2.54
H372606		1.19	0.01	8.25	1.9	40	10.64	0.40	3.14	<0.02	1.13	20.0	121	4.55	17.2	3.77
H372607		1.27	0.34	6.40	3.2	750	1.08	0.61	1.23	1.10	27.8	28.6	34	23.3	133.5	7.42
H372608		1.16	<0.01	7.28	0.3	1080	4.09	0.05	0.85	0.04	49.9	2.4	9	8.18	1.6	1.09
H372609		1.62	<0.01	8.38	0.7	40	25.7	0.13	0.60	<0.02	2.68	2.0	5	2.97	5.2	0.53
H372610		1.27	<0.01	6.12	0.7	10	257	0.04	0.16	<0.02	3.54	0.3	4	87.6	3.0	0.31
H372611		1.28	<0.01	6.91	0.9	20	99.5	0.36	0.21	<0.02	1.36	0.5	5	>500	1.3	0.27
H372612		1.76	<0.01	8.64	0.3	10	188.0	0.07	0.38	<0.02	3.45	0.9	5	74.3	5.4	0.57
H372613		1.17	<0.01	7.04	0.2	10	15.60	0.04	0.11	<0.02	1.06	0.2	3	4.37	0.8	0.16
H372614		1.44	<0.01	5.24	0.9	30	5.99	1.65	0.36	0.04	1.75	1.8	4	2.10	3.3	1.15
H372615		1.30	<0.01	7.26	<0.2	10	13.90	0.29	0.30	0.12	5.82	0.2	4	3.19	2.6	0.14
H372616		1.54	<0.01	6.28	0.7	410	1.51	0.07	0.52	<0.02	12.90	2.0	12	7.13	2.0	0.88
H372617		0.92	<0.01	8.88	0.7	700	2.47	0.03	0.63	<0.02	17.55	1.7	8	12.15	2.6	0.83
H372618		1.75	<0.01	7.52	0.4	40	134.0	9.82	0.63	<0.02	1.42	5.5	6	275	3.7	0.46
H372619		0.74	<0.01	7.32	0.5	10	113.5	5.01	0.13	<0.02	2.09	0.2	5	260	1.3	0.17
H372620		1.28	<0.01	8.25	1.0	300	4.73	0.26	0.59	<0.02	11.55	1.0	10	67.8	4.1	0.63
H372621		1.53	<0.01	8.67	0.7	180	7.13	0.12	1.07	0.02	25.6	1.1	7	5.31	13.8	0.98
H372622		1.22	<0.01	8.47	0.9	70	12.30	0.12	0.61	<0.02	6.75	0.3	5	2.78	15.0	0.45
H372623		1.46	<0.01	6.71	0.5	10	121.0	3.57	0.07	<0.02	1.45	0.2	4	68.1	0.6	0.20
H372624		0.92	<0.01	7.09	0.4	10	189.0	1.48	0.09	0.03	1.36	0.3	4	79.4	0.9	0.31
H372625		1.79	<0.01	7.46	0.3	270	145.5	20.2	0.13	<0.02	0.16	0.4	6	157.5	1.2	0.38
H372626		0.80	<0.01	7.49	0.6	30	134.5	9.32	0.05	<0.02	0.30	0.2	4	146.5	0.6	0.30
H372627		1.10	<0.01	7.11	1.2	10	153.0	47.9	5.68	<0.02	1.36	1.6	6	227	1.5	0.69
H372628		2.36	<0.01	7.68	0.7	330	203	20.2	0.15	<0.02	0.50	0.4	6	154.5	0.8	0.47
H372629		0.93	<0.01	5.91	1.4	10	251	28.6	0.07	<0.02	0.30	0.2	4	246	0.7	0.26
H372630		1.67	<0.01	6.69	1.4	10	46.9	1.01	0.13	<0.02	0.56	0.2	5	148.0	1.0	0.30
H372631		1.01	<0.01	8.40	2.7	50	250	11.65	0.07	<0.02	0.93	0.3	5	246	0.9	0.44
H372632		1.60	<0.01	6.41	0.4	10	190.0	6.02	0.05	<0.02	1.91	0.2	4	84.3	0.8	0.28
H372633		1.32	<0.01	6.67	3.1	70	146.5	3.61	0.09	<0.02	0.30	0.2	7	194.0	0.7	0.38
H372634		1.79	<0.01	5.95	2.0	10	388	16.30	0.35	<0.02	1.28	0.6	6	141.0	1.6	0.36
H372635		1.59	0.04	7.37	2.3	20	221	2.52	0.47	0.04	1.32	1.3	6	144.0	5.6	0.64
H372636		0.69	<0.01	8.91	1.2	20	37.4	0.29	0.54	0.05	3.90	1.8	6	21.9	3.3	0.72
H372637		1.07	0.01	1.07	0.4	20	5.00	0.13	0.60	0.03	3.55	1.9	18	86.2	3.1	1.26
H372638		1.67	<0.01	5.90	1.5	10	140.0	3.12	0.23	<0.02	3.51	0.4	11	83.1	1.3	0.29
H372639		1.34	<0.01	6.60	0.2	10	134.5	18.00	0.45	<0.02	1.52	0.6	6	56.9	3.4	0.57
H372640		1.05	0.01	0.10	<5	10	0.63	0.16	18.85	0.07	1.29	1.0	3	0.51	1.3	0.38

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.01	ME-MS61 Cu ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Ni ppm 0.1	ME-MS61 Sc ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H372601		6.69	0.08	3.1	<0.005	0.01	14.9	58.5	0.18	120	0.56	0.03	2.4	6.0	8410	4.1
H372602		21.1	0.06	3.6	0.006	0.23	7.8	123.5	0.25	166	0.50	4.78	6.1	2.7	410	15.2
H372603		32.3	<0.05	5.2	<0.005	0.04	<0.5	13.1	0.14	67	0.09	7.92	180.0	1.9	640	7.2
H372604		0.35	0.14	<0.1	<0.005	0.02	<0.5	3.8	12.60	395	0.06	0.03	0.5	1.8	150	1.1
H372605		17.85	0.11	4.5	0.077	1.59	21.7	22.3	0.59	220	3.87	1.37	5.2	4.8	260	11.2
H372606		30.9	0.09	0.4	0.014	0.14	0.8	111.5	2.42	977	0.39	1.12	6.6	26.9	6630	6.2
H372607		24.3	0.15	0.8	0.362	2.45	12.2	88.9	0.88	631	3.49	1.24	11.8	38.4	580	32.5
H372608		20.0	0.07	3.8	0.009	0.67	23.3	30.8	0.26	174	0.11	0.04	4.1	5.4	350	12.4
H372609		37.5	<0.05	4.5	<0.005	0.09	1.1	14.8	0.08	139	0.11	7.38	16.4	2.5	1580	10.8
H372610		50.9	<0.05	3.9	<0.005	0.70	1.3	56.2	0.01	89	0.12	4.68	129.5	1.4	500	8.5
H372611		32.4	<0.05	3.0	<0.005	2.07	0.8	402	0.04	123	0.06	4.83	40.3	0.9	2830	9.5
H372612		58.6	<0.05	4.8	<0.005	0.71	1.9	259	0.06	146	0.14	4.73	138.0	1.4	2370	9.1
H372613		39.6	<0.05	1.8	<0.005	0.21	0.5	4.1	0.01	21	0.07	7.84	14.6	0.6	370	2.9
H372614		37.9	0.05	2.9	0.007	0.34	0.7	330	0.13	299	0.11	3.71	55.3	0.9	780	2.8
H372615		48.8	<0.05	2.8	<0.005	0.16	3.1	680	<0.01	119	0.05	7.75	212	0.9	4970	2.8
H372616		13.85	<0.05	3.2	0.006	0.21	3.7	32.8	0.23	98	2.45	3.35	2.8	6.6	310	6.5
H372617		19.35	0.06	3.3	0.007	0.34	0.9	38.4	0.19	107	0.11	4.91	3.2	6.5	360	12.5
H372618		63.5	<0.05	1.9	<0.005	2.49	0.6	53.9	0.06	195	7.37	5.17	70.1	3.2	3480	16.1
H372619		64.4	<0.05	2.8	<0.005	1.67	1.0	111.0	0.01	125	8.77	5.32	99.9	0.9	1430	4.8
H372620		18.50	<0.05	2.8	<0.005	0.26	4.3	68.3	0.13	102	10.25	4.56	2.9	2.4	250	5.2
H372621		33.0	0.06	4.0	0.006	0.16	12.0	25.9	0.22	228	0.19	7.28	2.1	2.6	340	5.2
H372622		33.0	0.05	3.5	<0.005	0.16	3.2	9.8	0.04	55	0.17	7.42	1.5	1.0	390	3.8
H372623		46.8	<0.05	1.2	<0.005	1.78	0.8	47.1	0.01	110	0.25	5.07	109.0	1.0	590	9.4
H372624		64.2	<0.05	3.4	<0.005	1.18	0.8	87.3	0.01	132	0.56	5.41	153.0	0.9	570	7.2
H372625		61.7	<0.05	2.1	<0.005	3.19	<0.5	3640	0.05	199	1.25	3.62	117.5	1.5	810	6.9
H372626		63.9	<0.05	0.8	<0.005	2.54	<0.5	9640	0.01	226	0.29	2.61	104.0	0.6	760	4.5
H372627		42.4	<0.05	1.4	<0.005	2.99	0.7	186.0	0.11	183	<0.05	3.57	82.5	2.0	2500	7.7
H372628		89.5	<0.05	0.9	<0.005	1.51	<0.5	7990	0.03	280	0.33	3.11	153.0	0.8	410	3.7
H372629		52.9	<0.05	2.1	<0.005	1.56	<0.5	146.5	0.01	186	160.5	3.87	87.8	0.9	480	4.9
H372630		56.7	<0.05	1.2	<0.005	1.31	<0.5	2130	<0.01	252	0.50	5.46	66.4	0.8	1180	3.7
H372631		62.7	<0.05	2.9	<0.005	2.12	<0.5	2360	0.02	287	10.45	3.91	95.2	0.8	510	6.3
H372632		71.6	<0.05	3.0	<0.005	0.71	1.0	4030	0.01	203	0.12	4.37	117.0	0.5	2730	3.7
H372633		80.5	<0.05	2.8	<0.005	1.72	<0.5	7980	0.02	519	0.24	2.74	72.3	0.9	680	4.7
H372634		40.1	<0.05	3.4	<0.005	0.15	0.7	74.4	0.03	687	13.55	4.68	84.6	0.8	1050	4.9
H372635		52.7	0.06	4.9	<0.005	0.23	0.6	89.7	0.08	137	0.52	6.47	161.0	3.1	1510	6.3
H372636		46.5	0.08	6.2	0.011	0.13	1.2	36.0	0.07	382	0.23	6.38	108.0	2.3	1690	3.9
H372637		5.54	0.07	1.2	0.018	0.08	1.1	46.2	0.15	229	0.24	0.51	5.2	1.7	370	1.1
H372638		60.4	0.07	2.8	<0.005	0.91	1.7	33.7	0.01	123	0.20	0.80	80.4	2.7	1230	4.4
H372639		79.5	0.07	1.5	<0.005	0.88	0.7	104.5	0.03	9080	0.56	4.33	68.8	1.5	860	2.8
H372640		0.65	0.25	<0.1	<0.005	0.03	0.7	2.6	12.45	194	0.06	0.03	0.7	0.9	210	1.3

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
#372601		3.0	<0.002	<0.01	0.06	1.2	2	10.9	147.0	5.40	<0.05	8.7	0.037	<0.02	1.8	7
#372602		106.5	<0.002	0.01	0.07	1.7	1	6.0	640	5.19	<0.05	8.9	0.156	1.06	3.3	13
#372603		12.0	<0.002	<0.01	0.13	0.7	1	3.0	101.5	>100	<0.05	1.6	0.010	0.05	8.3	5
#372604		1.9	<0.002	0.01	<0.05	0.1	2	<0.2	80.4	0.82	<0.05	<0.2	<0.005	<0.02	0.9	<1
#372605		78.0	<0.002	0.24	0.14	0.4	2	1.9	277	1.33	0.14	0.8	0.118	1.71	1.7	28
#372606		5.1	<0.002	0.01	0.09	11.6	1	66.4	124.0	8.72	0.07	0.2	0.202	0.19	0.1	149
#372607		139.0	0.005	1.38	0.15	13.9	4	6.4	139.5	0.62	0.66	3.3	0.331	1.39	0.9	40
#372608		62.6	<0.002	0.01	<0.05	1.8	1	1.6	777	0.45	<0.05	8.5	0.120	0.33	2.6	14
#372609		21.2	<0.002	<0.01	0.07	1.2	1	5.1	66.9	74.7	<0.05	2.1	0.044	0.08	9.2	14
#372610		1060	<0.002	<0.01	0.14	0.1	1	40.9	12.6	82.2	<0.05	1.4	<0.005	5.10	0.1	1
#372611		5960	<0.002	<0.01	0.71	0.2	1	27.6	60.0	>100	<0.05	0.8	0.006	45.7	3.5	4
#372612		1230	<0.002	<0.01	<0.05	0.8	1	42.9	46.4	>100	<0.05	1.4	0.032	8.31	5.5	8
#372613		32.2	<0.002	<0.01	<0.05	0.3	1	3.7	23.7	70.7	<0.05	0.7	0.006	0.14	1.1	1
#372614		630	<0.002	<0.01	0.11	2.6	1	8.3	39.0	87.5	<0.05	0.9	0.060	3.90	4.5	7
#372615		22.1	<0.002	<0.01	0.05	0.1	1	2.8	34.9	>100	<0.05	0.8	<0.005	0.09	3.9	<1
#372616		26.3	<0.002	<0.01	0.08	1.3	1	0.3	577	1.04	<0.05	3.5	0.072	0.14	1.8	13
#372617		19.4	<0.002	<0.01	0.15	1.4	1	0.3	927	0.60	<0.05	5.2	0.098	0.10	2.4	15
#372618		3410	0.003	<0.01	0.05	0.7	1	11.5	99.6	45.4	0.05	2.7	0.024	25.6	4.8	5
#372619		3440	0.004	<0.01	0.05	0.2	1	30.9	15.7	>100	0.11	1.2	<0.005	26.5	3.5	2
#372620		84.8	0.005	<0.01	0.08	1.3	1	1.5	564	1.25	0.06	3.7	0.078	0.71	2.6	8
#372621		23.7	<0.002	0.03	0.08	2.4	1	2.2	665	0.66	<0.05	7.9	0.091	0.13	2.0	8
#372622		15.6	<0.002	0.02	0.09	1.5	1	2.5	591	0.37	<0.05	2.6	0.046	0.09	1.6	2
#372623		1640	<0.002	<0.01	<0.05	0.2	1	17.3	12.0	70.8	0.05	2.4	<0.005	10.15	3.2	1
#372624		1430	<0.002	<0.01	<0.05	0.2	1	58.6	11.3	>100	<0.05	2.2	0.005	8.22	6.4	2
#372625		3860	<0.002	<0.01	0.07	0.2	1	66.6	73.0	>100	0.28	1.5	<0.005	27.2	5.8	3
#372626		3530	<0.002	<0.01	<0.05	0.1	1	77.5	13.8	81.2	0.06	2.4	<0.005	28.2	3.5	<1
#372627		4540	0.024	<0.01	0.12	1.2	1	17.1	87.0	>100	0.65	5.8	0.052	33.9	3.1	19
#372628		1980	<0.002	<0.01	0.10	0.1	1	82.1	81.2	>100	0.23	2.2	<0.005	10.95	4.8	1
#372629		2550	0.202	0.01	0.49	0.2	1	18.8	8.3	>100	0.38	1.1	<0.005	19.65	3.1	2
#372630		2020	<0.002	<0.01	0.31	0.1	1	35.0	7.0	70.8	<0.05	1.1	<0.005	14.60	2.9	<1
#372631		3570	0.005	<0.01	1.39	0.2	1	84.3	12.4	>100	0.13	2.4	<0.005	26.8	6.2	1
#372632		1340	<0.002	<0.01	0.14	0.1	1	56.9	6.8	>100	<0.05	2.3	<0.005	8.10	5.1	<1
#372633		2600	<0.002	<0.01	0.51	0.1	1	98.0	22.6	>100	<0.05	3.9	0.005	18.35	3.8	<1
#372634		160.0	0.006	<0.01	1.02	0.6	1	39.3	46.1	>100	0.30	4.1	0.014	1.11	8.6	4
#372635		621	<0.002	<0.01	0.58	1.4	1	24.5	77.6	>100	0.07	2.2	0.045	2.70	7.0	10
#372636		61.8	<0.002	<0.01	0.25	2.5	1	21.1	33.1	>100	<0.05	2.1	0.063	0.48	5.5	11
#372637		60.3	<0.002	0.01	0.07	2.4	2	8.4	17.5	1.70	<0.05	0.4	0.099	0.46	0.2	11
#372638		1010	<0.002	<0.01	0.26	0.5	1	24.7	27.3	>100	0.05	2.1	0.006	5.66	6.3	1
#372639		1940	<0.002	<0.01	0.07	1.3	1	67.3	28.8	44.0	0.09	1.1	0.022	8.42	3.0	7
#372640		6.8	<0.002	0.01	<0.05	0.3	2	0.3	41.6	0.58	<0.05	<0.2	<0.005	0.04	0.9	3

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.6	Au-ICP21 Au ppm 0.001
HS72601		0.3	4.5	25	62.3	
HS72602		1.5	3.5	25	120.5	
HS72603		1.8	0.3	19	16.4	
HS72604		0.6	0.8	15	8.5	
HS72605		3.1	7.1	37	554.0	0.002
HS72606		1.8	3.8	101	12.8	
HS72607		1.3	42.0	501	379	0.001
HS72608		0.6	4.2	25	127.0	
HS72609		0.7	3.9	31	26.8	
HS72610		0.9	0.4	23	26.1	
HS72611		0.8	0.4	47	9.9	
HS72612		0.9	1.1	30	33.5	
HS72613		0.3	0.6	3	5.9	
HS72614		1.7	4.2	37	31.4	
HS72615		1.2	1.4	3	10.0	
HS72616		2.1	3.1	13	73.8	
HS72617		1.1	3.4	19	107.5	
HS72618		1.1	1.3	41	18.9	
HS72619		0.7	0.9	19	10.1	
HS72620		1.0	4.2	9	89.4	
HS72621		1.8	0.8	1	126.0	
HS72622		1.4	3.5	2	123.0	
HS72623		1.0	0.1	8	8.7	
HS72624		1.2	0.3	17	14.8	
HS72625		1.0	0.1	10	9.0	
HS72626		0.8	<0.1	10	5.3	
HS72627		0.7	1.9	30	10.4	
HS72628		1.0	0.6	31	20.8	
HS72629		0.9	0.2	17	8.2	
HS72630		0.8	0.2	15	9.1	
HS72631		0.9	0.2	13	19.4	
HS72632		0.7	0.3	30	14.8	
HS72633		0.9	<0.1	40	13.6	
HS72634		1.1	0.4	17	13.5	
HS72635		1.8	1.1	30	22.4	
HS72636		1.5	10.8	10	94.3	
HS72637		0.3	15.1	10	65.3	<0.001
HS72638		0.9	1.5	14	14.5	
HS72639		2.2	1.9	38	9.9	
HS72640		0.2	0.8	16	0.7	

Comments: 193 SAMPLES SPLIT RATIO 5 WEIGHS/CRUSHS OF 58, 57, 33, 40, AND 5 SAMPLES REJECT

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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VANCOUVER BC V6B 4N9

Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372641		1.48	0.14	8.75	1.6	30	599.0	14.30	0.68	0.05	0.92	1.3	8	107.0	6.2	0.64
H372642		1.60	0.13	6.08	0.4	10	294	26.4	0.20	<0.02	1.60	0.3	6	26.0	1.9	0.27
H372643		0.96	<0.01	5.75	<0.2	10	213	5.90	0.18	0.02	1.51	0.3	6	45.8	2.0	0.29
H372644		1.51	<0.01	6.17	<0.2	10	307	2.64	0.17	0.04	0.97	0.2	6	137.0	0.6	0.22
H372645		1.22	<0.01	7.52	1.0	10	18.90	0.35	0.62	<0.02	7.32	3.0	6	5.27	5.6	0.98
H372646		1.44	<0.01	5.87	0.2	90	181.5	14.40	0.21	0.03	1.20	0.2	4	96.2	1.6	0.19
H372647		1.25	<0.01	7.03	0.7	10	345	7.17	0.22	<0.02	1.17	0.3	7	54.1	1.2	0.21
H372648		1.28	<0.01	6.23	0.1	10	119.5	4.32	0.07	<0.02	2.23	0.2	6	200	0.7	0.28
H372649		1.39	<0.01	6.34	4.6	30	16.65	22.7	0.51	0.03	1.41	1.9	8	8.77	5.0	0.82
H372650		1.27	<0.01	7.96	0.4	10	10.50	0.55	0.59	<0.02	2.34	1.7	8	3.59	3.3	0.50
H372651		0.42	0.01	1.55	0.5	10	3.55	0.07	5.13	<0.02	2.40	0.9	13	1.36	2.0	1.28
H372652		1.12	0.01	0.06	0.4	<10	0.59	0.05	0.01	<0.02	0.70	0.3	13	0.58	5.0	0.66
H372653		0.87	0.01	1.08	<0.2	40	0.47	0.04	0.26	0.03	11.60	1.5	16	7.82	1.7	1.83
H372654		0.96	<0.01	5.79	0.2	20	10.30	0.20	0.76	0.02	4.65	3.4	13	2.91	7.4	1.23
H372655		0.67	<0.01	7.80	0.8	20	16.40	1.08	1.47	<0.02	8.61	7.5	21	27.2	15.6	2.41
H372656		0.43	<0.01	7.41	1.0	120	46.8	1.26	2.49	0.03	2.12	2.9	12	63.2	19.4	1.03
H372657		1.68	<0.01	6.58	<0.2	10	76.1	0.26	0.24	<0.02	2.48	1.7	8	5.19	9.7	0.59
H372658		1.08	<0.01	6.66	1.1	40	65.0	0.14	0.59	<0.02	2.46	0.9	8	14.85	21.3	0.44

Comments: RJ SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
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VANCOUVER BC V6B 4N9

Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOD	ME-MS61 Cu ppm 0.05	ME-MS61 Pb ppm 0.01	ME-MS61 Zn ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 Ti % 0.01	ME-MS61 Sc ppm 0.1	ME-MS61 Ga ppm 0.1	ME-MS61 Hg % 0.01	ME-MS61 Cs ppm 0.1	ME-MS61 Ba ppm 0.5	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Re ppm 0.1
HST2641		41.3	0.15	2.8	<0.005	0.12	<0.5	81.5	0.08	280	4.59	0.12	69.2	2.0	2360	2.4
HST2642		52.4	0.17	4.3	<0.005	0.14	0.8	38.6	0.01	567	94.2	0.59	75.9	0.5	1130	7.1
HST2643		52.2	0.13	3.4	<0.005	0.81	0.8	17.3	0.01	435	0.85	5.39	65.1	0.7	580	4.8
HST2644		81.8	0.10	1.1	<0.005	1.40	<0.5	144.0	0.03	98	0.62	3.89	91.7	0.6	940	2.9
HST2645		57.6	0.10	5.5	0.005	0.08	3.5	32.7	0.18	79	0.19	0.24	90.1	2.5	1980	3.6
HST2646		37.2	0.07	3.6	<0.005	2.45	0.5	10.5	0.01	52	2.75	4.75	135.5	0.5	1120	5.3
HST2647		46.5	0.08	3.7	<0.005	0.06	<0.5	47.4	0.01	83	69.0	7.65	113.0	1.3	730	2.3
HST2648		74.5	0.06	4.2	<0.005	1.64	1.0	700	0.01	445	3.46	5.30	168.0	0.3	470	6.3
HST2649		39.0	0.06	5.0	<0.005	0.15	0.5	47.9	0.12	135	0.28	5.16	136.0	2.6	1380	3.8
HST2650		50.5	0.06	4.5	<0.005	0.05	1.4	23.4	0.09	50	0.64	7.43	24.9	1.5	1950	3.1
HST2651		7.64	0.06	0.7	0.030	5.34	1.1	7.4	0.18	4.5	3.18	0.39	1.7	0.9	240	0.9
HST2652		0.45	0.05	0.1	<0.005	<0.01	<0.5	2.9	0.01	61	0.24	0.62	0.5	0.6	30	<0.5
HST2653		5.55	0.07	2.3	0.030	0.45	4.0	27.3	0.26	934	0.64	0.54	6.0	1.8	150	0.8
HST2654		22.6	0.07	5.2	0.007	0.06	2.0	16.6	0.23	169	0.40	4.05	24.6	2.9	1170	4.6
HST2655		44.7	0.10	7.6	0.012	0.06	4.4	56.2	0.64	288	0.23	5.13	55.6	6.7	3530	4.8
HST2656		37.6	0.08	4.0	<0.005	0.13	1.3	36.2	0.12	159	0.29	6.66	25.0	3.5	4700	6.2
HST2657		46.7	0.09	3.9	<0.005	0.13	1.0	15.8	0.06	124	0.09	6.70	110.5	2.0	1160	2.1
HST2658		45.0	0.07	4.4	<0.005	0.64	1.2	69.1	0.04	116	0.10	6.15	116.5	2.8	2610	1.9

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOD	ME-MS61 Re ppm 0.1	ME-MS61 Rb ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
#372641		143.0	0.004	0.01	0.24	1.6	1	4.4	32.0	>100	0.39	1.2	0.042	1.27	3.6	11
#372642		141.5	0.024	0.01	0.19	0.4	1	16.2	14.9	>100	0.49	2.9	0.005	0.78	4.9	2
#372643		1070	<0.002	<0.01	0.06	0.2	1	31.2	10.3	>100	0.13	3.0	<0.005	7.79	5.3	1
#372644		2380	<0.002	<0.01	<0.05	0.2	1	48.3	7.9	85.3	0.07	2.1	<0.005	15.70	5.0	1
#372645		36.5	<0.002	<0.01	0.15	1.8	1	12.3	82.2	>100	<0.05	2.2	0.048	0.24	7.4	19
#372646		2430	0.003	<0.01	0.05	0.2	1	9.8	17.2	>100	0.06	1.8	<0.005	18.60	6.1	1
#372647		34.2	0.080	0.01	0.31	0.4	1	3.6	26.9	>100	0.13	2.1	<0.005	0.23	3.7	1
#372648		2380	<0.002	<0.01	0.13	0.2	1	69.6	9.6	>100	0.06	3.6	0.006	17.30	6.4	1
#372649		80.0	<0.002	<0.01	3.77	2.6	1	10.2	36.1	>100	0.47	1.7	0.091	0.52	6.1	21
#372650		28.6	<0.002	<0.01	0.08	0.8	1	3.8	77.1	87.7	<0.05	0.9	0.021	0.17	4.8	9
#372651		5.5	<0.002	<0.01	0.06	3.4	1	0.8	40.4	0.91	<0.05	0.3	0.054	0.03	0.1	15
#372652		2.2	<0.002	<0.01	<0.05	0.2	1	<0.2	4.8	0.15	<0.05	<0.2	<0.005	0.02	<0.1	<1
#372653		21.8	<0.002	<0.01	<0.05	2.5	1	1.0	10.1	0.60	<0.05	0.7	0.078	0.09	0.2	8
#372654		12.1	<0.002	<0.01	0.11	3.2	1	2.2	87.5	>100	<0.05	2.4	0.113	0.07	0.6	31
#372655		31.5	<0.002	<0.01	0.14	6.1	1	9.1	150.0	>100	0.09	3.1	0.255	0.25	1.1	75
#372656		61.6	<0.002	0.01	0.09	2.2	1	6.8	97.6	>100	0.06	1.2	0.062	0.86	4.3	19
#372657		39.2	<0.002	<0.01	0.05	0.4	1	21.4	17.5	>100	0.05	1.3	0.006	0.20	4.3	7
#372658		268	<0.002	<0.01	0.13	1.1	1	43.6	53.3	>100	<0.05	1.9	0.039	1.58	5.2	7

Comments: TAG SAMPLES SPLIT INTO 5 INCREMENTS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 1	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
KGT2641		0.8	1.7	13	13.8	
KGT2642		0.9	2.8	19	21.1	
KGT2643		0.6	0.2	16	14.8	
KGT2644		0.8	<0.1	39	5.1	
KGT2645		1.3	3.3	48	26.8	
KGT2646		1.3	1.7	3	17.8	
KGT2647		1.2	0.3	4	14.8	
KGT2648		1.2	1.0	24	16.2	
KGT2649		1.8	4.1	23	23.8	
KGT2650		0.5	1.3	39	19.8	
KGT2651		0.3	4.0	22	23.8	<0.001
KGT2652		0.1	0.4	<2	3.5	<0.001
KGT2653		0.1	9.8	15	79.8	0.011
KGT2654		1.0	5.2	17	29.2	
KGT2655		0.9	7.6	37	43.4	
KGT2656		8.9	3.6	23	17.8	
KGT2657		1.1	2.1	4	16.8	
KGT2658		2.1	3.2	6	16.4	

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 11-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121052

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Page: 1
Finalized Date: 14-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09121053

Project: TNR Mavis

P.O. No.:

This report is for 57 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS WE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372659		1.24	0.13	5.90	0.7	160	0.69	0.17	3.51	0.05	31.7	4.2	6	19.10	5.4	4.51
H372660		0.52	0.03	2.22	0.1	70	0.63	0.04	0.55	0.03	21.2	1.8	14	8.58	6.7	1.47
H372661		1.12	0.07	5.90	0.8	40	0.46	0.07	7.22	0.26	25.8	27.6	36	2.06	46.4	7.96
H372662		2.19	0.16	6.91	0.3	60	502.0	4.14	0.50	0.05	7.83	1.2	8	63.3	3.4	0.90
H372663		1.49	0.05	6.42	0.2	110	52.0	0.09	0.17	<0.02	2.12	0.4	4	35.2	1.9	0.30
H372664		0.48	<0.01	6.26	0.2	30	190.0	0.30	0.20	<0.02	1.45	0.3	3	44.5	2.2	0.24
H372665		2.70	<0.01	6.57	0.5	20	103.5	1.84	0.12	<0.02	2.49	0.2	4	72.1	1.7	0.23
H372666		0.68	0.01	2.65	<0.2	60	0.70	0.05	1.19	0.02	3.04	1.7	16	3.12	5.1	1.39
H372667		0.80	0.07	2.44	0.5	20	0.42	0.12	0.26	<0.02	1.21	2.3	14	2.05	65.6	3.64
H372668		0.94	0.07	5.42	0.5	30	0.65	0.03	3.21	0.06	35.0	3.1	7	3.07	12.8	3.19
H372669		0.45	0.05	7.03	1.0	120	118.0	9.37	0.97	0.02	9.70	1.2	5	68.5	16.7	1.10
H372670		1.26	0.01	0.09	<0.2	10	0.19	0.04	19.60	0.05	1.23	1.0	2	0.31	1.7	0.42
H372671		1.31	0.15	5.67	0.3	10	38.8	13.65	0.68	0.03	1.32	1.0	4	5.65	2.8	0.32
H372672		0.94	0.09	6.37	0.5	20	156.0	2.43	0.39	<0.02	2.22	0.5	5	9.57	4.6	0.23
H372673		0.77	0.01	6.44	<0.2	10	261	3.80	0.50	<0.02	1.48	0.5	4	24.0	3.9	0.23
H372674		0.54	<0.01	6.10	0.5	10	135.0	2.58	0.26	0.02	2.03	0.6	5	7.50	2.1	0.21
H372675		2.58	<0.01	6.32	0.5	10	244	4.21	0.27	<0.02	4.08	0.3	6	64.1	2.5	0.20
H372676		0.29	<0.01	6.32	<0.2	40	16.50	0.10	0.80	0.03	2.36	3.8	9	5.35	2.6	1.38
H372677		1.15	<0.01	0.53	0.2	<10	0.51	0.04	0.07	<0.02	0.07	0.2	13	1.97	1.3	0.23
H372678		1.39	<0.01	4.25	0.7	40	141.0	7.05	0.15	<0.02	0.59	0.2	4	39.1	0.7	0.25
H372679		1.12	<0.01	6.32	0.8	40	114.5	4.50	0.23	<0.02	0.84	0.2	3	20.1	0.7	0.27
H372680		1.48	<0.01	6.27	0.6	20	78.1	1.45	0.20	<0.02	4.26	0.4	5	77.4	7.0	0.16
H372681		2.19	<0.01	5.84	0.7	30	60.9	0.88	0.24	<0.02	2.79	1.2	8	92.7	5.2	0.31
H372682		0.73	<0.01	7.61	0.7	10	79.3	0.74	0.36	<0.02	2.82	3.6	8	15.35	11.7	0.59
H372683		1.00	0.40	10.05	<0.2	20	90.9	0.10	15.95	<0.02	2.59	3.2	11	8.38	16.4	0.80
H372684		0.52	<0.01	6.39	0.5	20	135.0	2.75	0.25	<0.02	6.64	0.3	5	66.1	0.9	0.23
H372685		1.54	<0.01	6.58	<0.2	80	155.5	0.54	0.55	<0.02	3.12	0.4	4	75.3	1.8	0.19
H372686		1.06	<0.01	6.64	0.1	50	3.54	1.42	0.16	<0.02	8.07	0.2	2	138.0	3.5	0.14
H372687		1.71	0.06	6.13	0.2	30	2.66	0.09	0.75	0.03	29.5	5.4	13	7.94	11.2	1.13
H372688		1.18	0.01	7.69	<0.2	170	3.51	0.17	1.26	0.29	50.8	0.5	5	8.70	3.2	0.26
H372689		0.42	0.21	5.57	0.4	160	2.36	1.05	0.65	0.02	27.2	1.9	11	28.5	11.9	0.76
H372690		1.74	0.09	7.16	0.5	1220	2.23	0.38	0.77	0.07	48.7	2.2	8	24.8	5.4	1.23
H372691		0.96	0.01	0.15	<0.2	50	0.13	0.03	22.6	0.07	1.44	2.0	5	0.45	1.3	0.51
H372692		1.60	0.05	6.64	0.5	270	10.70	0.05	0.97	0.02	39.1	1.5	8	52.0	8.6	0.69
H372693		0.94	0.01	6.86	1.0	690	1.22	0.09	1.25	0.07	46.1	4.4	9	30.4	5.0	0.87
H372694		1.19	0.03	7.01	1.0	820	1.40	0.21	1.38	0.04	21.4	2.1	9	6.33	3.6	0.76
H372695		0.84	<0.01	6.69	0.7	20	7.55	4.40	0.16	0.03	1.58	0.2	3	15.75	1.9	0.27
H372696		1.21	0.03	7.89	0.7	230	2.81	0.21	0.96	0.09	4.71	48.1	207	22.4	38.7	7.36
H372697		3.63	<0.01	7.58	1.1	110	58.8	1.45	0.58	<0.02	4.57	6.6	44	55.2	47.6	1.26
H372698		3.41	0.02	7.28	0.9	130	85.0	1.88	0.19	0.19	1.77	5.9	9	116.5	27.9	0.59

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF '68, 67, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 4N9

Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units Limit	Cu ppm 0.01	Cu ppm 0.01	Mo ppm 0.1	Ag ppm 0.002	Al % 0.01	La ppm 0.5	Cr ppm 0.2	Mg % 0.01	Ba ppm 1	Ti % 0.01	Na % 0.01	Ni ppm 0.1	Sc ppm 0.1	P ppm 10	Fe % 0.01
H372659		31.7	0.15	13.8	0.181	1.09	11.1	19.4	0.42	677	1.69	1.95	25.2	14.1	530	3.1
H372660		9.38	0.10	4.7	0.066	0.22	7.3	17.9	0.17	293	0.70	1.07	9.6	16.3	310	1.8
H372661		19.70	0.18	1.2	0.079	0.14	11.5	38.9	0.66	1360	1.13	0.72	9.0	31.8	680	3.5
H372662		55.8	0.08	4.5	0.008	0.63	3.5	100.5	0.07	396	0.46	4.87	101.0	6.9	2060	4.8
H372663		90.6	0.06	3.7	<0.005	1.26	1.0	13.2	0.01	296	0.03	5.42	101.5	3.8	1040	4.1
H372664		52.9	0.08	2.4	<0.005	0.42	0.8	34.8	0.01	303	0.46	5.05	133.0	5.8	650	3.8
H372665		75.3	0.07	3.1	<0.005	0.96	1.1	51.1	0.01	279	1.04	4.81	134.0	3.2	730	2.4
H372666		7.42	0.06	0.9	0.027	0.40	1.2	9.1	0.25	182	0.25	1.05	2.5	5.0	110	0.7
H372667		7.69	0.10	0.3	0.025	0.04	0.8	5.4	0.33	147	0.41	0.27	1.0	3.8	110	1.2
H372668		29.1	0.17	10.7	0.258	0.48	11.1	19.9	0.15	357	0.60	2.46	22.2	3.2	480	3.1
H372669		10.8	0.11	3.1	<0.005	0.42	4.1	48.4	0.08	343	0.53	5.24	54.8	3.4	1210	10.9
H372670		0.43	0.28	<0.1	0.005	0.03	0.8	1.3	12.95	203	0.39	0.02	0.5	2.8	210	1.7
H372671		39.9	0.16	2.8	<0.005	0.05	0.7	34.7	0.08	1240	1.54	4.48	68.8	2.8	780	6.5
H372672		48.0	0.10	4.0	<0.005	0.10	1.1	23.8	0.05	722	0.43	5.87	105.5	2.3	600	11.8
H372673		53.5	0.10	3.5	<0.005	0.10	0.8	40.2	0.02	1070	2.30	5.28	76.3	2.6	450	5.2
H372674		46.2	0.09	3.5	<0.005	0.06	1.2	18.6	0.01	489	0.18	6.18	88.6	1.9	510	10.1
H372675		51.2	0.10	2.7	<0.005	0.09	1.9	35.5	0.01	382	1.70	6.15	62.7	1.8	990	7.2
H372676		38.2	0.11	2.3	0.010	0.20	0.9	12.4	0.16	1200	0.19	4.75	45.6	3.3	490	4.5
H372677		0.28	0.06	<0.1	<0.005	<0.01	<0.5	8.8	<0.01	30	0.14	0.03	0.4	2.0	10	<0.5
H372678		65.4	0.08	2.6	<0.005	0.83	<0.5	28.5	<0.01	901	0.17	5.51	81.6	1.2	840	7.5
H372679		59.2	0.06	2.5	<0.005	0.23	0.7	28.9	<0.01	882	0.73	5.76	79.8	1.5	500	4.5
H372680		60.1	0.07	5.2	<0.005	1.17	1.9	12.6	0.01	239	0.12	5.56	97.6	1.9	140	11.6
H372681		36.5	0.08	2.9	<0.005	1.49	1.6	750	0.07	217	0.30	3.85	44.2	2.5	1100	10.2
H372682		53.6	0.08	3.1	<0.005	0.39	1.5	4.2	0.02	94	0.17	7.50	87.2	2.2	890	10.1
H372683		43.5	0.09	1.8	0.097	0.25	1.0	42.5	0.48	1620	0.15	0.05	90.9	9.0	910	7.9
H372684		59.9	0.06	2.4	<0.005	1.27	3.5	12.0	0.02	477	0.13	4.94	84.6	2.4	1010	8.9
H372685		68.1	0.16	5.7	<0.005	0.63	1.2	46.2	0.03	99	0.10	7.07	133.0	2.2	1320	7.0
H372686		43.8	0.08	2.7	0.005	2.07	2.3	2.0	<0.01	49	0.10	0.67	97.3	2.8	860	8.5
H372687		15.15	0.14	3.1	0.010	0.10	11.9	71.6	0.37	158	0.29	4.71	7.1	19.2	910	1.8
H372688		37.2	0.14	4.0	<0.005	0.14	24.2	11.1	0.04	107	0.30	7.14	10.8	2.4	6070	5.7
H372689		17.00	0.11	2.8	0.010	0.16	14.1	45.7	0.18	105	0.32	4.15	4.5	6.5	300	6.8
H372690		22.4	0.14	3.6	0.012	1.17	22.4	70.2	0.28	171	0.12	4.47	4.7	5.4	410	19.5
H372691		0.49	0.11	<0.1	0.006	0.06	0.7	1.5	15.00	259	0.20	0.03	0.5	4.7	210	1.5
H372692		22.1	0.23	3.1	0.006	0.35	19.2	38.2	0.19	144	1.17	5.12	7.9	3.9	670	6.0
H372693		16.95	0.10	3.4	0.005	0.76	22.6	36.3	0.21	218	0.43	4.66	4.9	5.7	370	9.3
H372694		26.1	0.08	2.5	0.012	2.20	10.4	29.4	0.18	129	0.11	3.25	4.2	4.5	200	25.1
H372695		43.3	0.05	3.9	<0.005	0.70	0.7	4.5	0.01	62	0.09	5.80	73.5	1.4	700	5.1
H372696		18.70	0.14	0.9	0.075	0.97	1.9	149.5	3.89	1900	0.35	2.17	3.1	72.7	300	1.9
H372697		45.4	0.16	2.2	<0.005	2.04	2.3	1100	0.55	420	0.11	4.93	72.0	17.1	810	12.5
H372698		61.8	0.12	2.4	<0.005	2.02	0.9	4540	0.16	468	<0.05	3.36	79.3	13.5	1010	8.7

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
H372659		167.5	0.002	0.01	0.42	12.9	3	4.5	1215	1.71	0.05	3.1	0.331	1.00	0.6	6
H372660		35.5	<0.002	0.01	0.12	3.5	2	0.9	87.3	0.66	<0.05	1.3	0.116	0.26	0.3	1
H372661		4.4	0.002	0.03	0.34	31.5	2	1.1	1130	0.57	<0.05	0.9	0.822	0.03	0.2	271
H372662		990	<0.002	0.01	0.05	2.2	1	30.5	30.9	61.0	0.38	2.4	0.068	5.70	7.4	17
H372663		1080	<0.002	<0.01	<0.05	3.2	1	35.4	16.5	91.2	<0.05	3.6	<0.005	6.05	5.4	1
H372664		1080	<0.002	<0.01	0.05	3.2	1	48.0	18.3	98.9	0.05	3.2	<0.005	6.39	3.7	<1
H372665		1580	<0.002	<0.01	0.05	3.2	1	67.9	8.2	>100	0.10	2.5	<0.005	11.80	4.6	<1
H372666		59.8	<0.002	<0.01	0.14	2.3	2	1.2	415	3.86	<0.05	0.4	0.046	0.37	0.1	26
H372667		6.2	<0.002	0.08	0.06	8.1	2	3.6	37.9	0.26	0.11	<0.2	0.083	0.04	<0.1	84
H372668		30.7	<0.002	0.02	0.20	11.1	4	4.2	969	1.64	<0.05	2.6	0.342	0.16	0.7	23
H372669		220	<0.002	0.06	0.08	1.0	1	9.7	88.8	>100	0.15	3.5	0.060	1.46	5.4	6
H372670		2.5	<0.002	0.01	<0.05	3.3	2	<0.2	43.9	0.23	<0.05	<0.2	<0.005	<0.02	0.6	2
H372671		22.2	<0.002	<0.01	0.06	3.5	1	7.2	141.5	>100	0.15	4.1	0.009	0.12	7.5	3
H372672		44.6	<0.002	<0.01	0.07	3.4	1	20.3	73.9	>100	0.08	4.1	0.006	0.24	6.9	1
H372673		230	<0.002	<0.01	0.26	3.6	1	20.0	28.2	>100	0.08	2.7	0.006	1.35	5.4	3
H372674		27.5	<0.002	<0.01	0.07	3.3	1	15.0	66.0	>100	0.07	3.5	<0.005	0.13	5.9	1
H372675		129.5	<0.002	<0.01	0.11	3.3	1	14.6	40.0	>100	0.09	3.6	0.005	0.60	6.1	1
H372676		39.5	<0.002	<0.01	0.06	3.3	1	6.7	56.5	45.4	<0.05	2.4	0.094	0.19	3.1	21
H372677		1.0	<0.002	<0.01	<0.05	3.2	1	<0.2	2.4	0.17	<0.05	<0.2	<0.005	0.02	<0.1	<1
H372678		800	<0.002	<0.01	<0.05	3.3	1	30.4	16.7	63.0	0.07	3.9	0.005	5.20	7.6	<1
H372679		190.0	<0.002	<0.01	<0.05	3.3	1	17.7	30.0	66.7	0.17	3.6	0.006	1.04	5.8	1
H372680		1650	<0.002	<0.01	0.05	3.2	1	30.7	13.8	>100	0.07	6.6	<0.005	13.30	11.5	1
H372681		1830	<0.002	<0.01	<0.05	3.4	1	24.4	9.1	91.5	<0.05	4.0	<0.005	16.05	3.9	3
H372682		382	<0.002	0.01	0.09	3.4	1	46.6	74.0	>100	0.06	4.3	0.005	2.96	4.6	17
H372683		4.8	<0.002	0.01	0.09	5.1	1	107.5	16.7	>100	<0.05	1.6	0.038	0.12	3.0	64
H372684		1480	<0.002	<0.01	<0.05	3.3	1	44.8	9.6	95.7	0.07	3.5	[illegible]	12.35	3.2	4
H372685		930	<0.002	<0.01	0.06	3.6	1	56.1	35.7	>100	0.35	4.7	0.005	5.45	8.4	2
H372686		2250	<0.002	<0.01	0.05	3.3	1	13.0	32.0	>100	0.06	3.4	<0.005	24.3	2.5	1
H372687		24.3	<0.002	0.01	0.06	2.5	1	9.1	206	2.48	<0.05	7.1	0.105	0.18	1.5	34
H372688		43.8	<0.002	<0.01	0.05	3.9	1	11.3	633	12.75	<0.05	10.5	0.035	0.28	1.8	6
H372689		55.3	<0.002	<0.01	0.07	1.9	1	1.2	368	0.64	0.35	7.1	[illegible]	[illegible]	1.7	19
H372690		66.5	<0.002	0.01	0.07	2.0	1	0.7	812	0.55	0.05	9.1	0.115	0.40	2.7	15
H372691		6.1	<0.002	0.01	<0.05	3.4	1	<0.2	55.4	0.46	<0.05	<0.2	0.008	0.04	1.3	4
H372692		70.9	<0.002	0.01	0.06	1.5	1	4.7	694	0.76	<0.05	7.5	0.102	0.50	2.4	11
H372693		62.6	<0.002	0.02	0.27	1.7	<1	0.7	615	0.33	<0.05	7.8	0.112	0.51	2.7	14
H372694		73.0	<0.002	<0.01	0.17	1.5	1	0.7	520	0.43	<0.05	3.9	[illegible]	0.50	1.0	9
H372695		382	<0.002	<0.01	0.07	0.6	2	3.9	16.2	100.0	<0.05	1.2	0.006	2.48	3.0	1
H372696		195.5	<0.002	0.01	0.20	33.3	<1	12.4	139.0	0.99	0.05	0.8	0.411	1.27	0.2	269
H372697		1110	<0.002	0.01	0.27	11.9	<1	41.3	28.8	68.9	<0.05	4.7	0.079	9.05	3.2	37
H372698		1450	<0.002	<0.01	0.13	3.0	<1	88.0	24.7	81.3	<0.05	4.7	0.008	11.05	5.0	2

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
625-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 1	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
HST2639		2.3	110.0	28	465	<0.001
HST2640		0.4	28.0	17	154.5	<0.001
HST2641		0.4	32.3	57	35.3	
HST2642		1.4	9.3	47	37.4	
HST2643		1.2	4.1	24	20.4	
HST2644		1.0	1.0	17	14.3	
HST2645		1.0	1.1	22	19.6	
HST2646		0.4	16.0	7	27.8	<0.001
HST2647		0.8	2.2	32	9.3	<0.001
HST2648		1.6	131.0	18	339	
HST2649		2.3	6.3	20	27.7	
HST2670		0.2	0.9	13	1.2	
HST2671		0.8	0.6	10	13.8	
HST2672		1.2	0.6	9	21.8	0.001
HST2673		0.6	0.3	9	17.7	
HST2674		1.1	0.4	9	16.0	
HST2675		0.7	1.0	15	14.3	
HST2676		0.8	4.8	23	21.8	
HST2677		<0.1	<0.1	<2	<0.5	<0.001
HST2678		1.3	0.9	15	21.7	
HST2679		1.1	0.7	8	16.0	
HST2680		1.8	1.9	8	42.4	
HST2681		1.3	1.5	10	18.2	
HST2682		1.7	1.2	12	16.7	
HST2683		2.9	9.1	12	12.6	
HST2684		1.7	1.4	21	14.5	
HST2685		1.7	1.0	10	23.7	
HST2686		1.4	2.1	5	15.9	
HST2687		1.1	5.3	16	102.5	
HST2688		0.7	5.4	6	127.5	
HST2689		1.0	3.7	13	91.8	
HST2690		3.7	4.5	38	119.5	
HST2691		0.2	0.9	17	0.9	
HST2692		0.7	5.1	14	104.0	
HST2693		0.8	4.5	18	129.0	
HST2694		0.1	3.0	93	85.4	
HST2695		0.7	4.3	6	36.7	
HST2696		1.5	15.8	82	27.1	
HST2697		2.1	2.8	57	18.5	
HST2698		1.7	1.1	44	13.1	

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

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VANCOUVER BC V6B 4N9

Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
HGT2699		2.79	<0.01	7.62	0.6	360	3.35	1.53	0.26	<0.02	2.17	4.5	5	6.10	14.0	0.88
HGT2700		2.58	<0.01	7.66	0.7	100	5.23	1.21	0.24	<0.02	2.71	4.0	4	112.0	19.2	0.35
HGT2701		0.74	<0.01	6.47	0.7	10	22.3	0.05	0.23	0.02	1.64	0.7	8	5.68	6.0	0.33
HGT2702		1.18	<0.01	6.28	0.5	10	98.2	0.07	0.08	0.02	1.69	0.2	4	7.76	1.9	0.24
HGT2703		1.50	<0.01	6.83	0.3	20	134.5	0.20	0.24	0.03	3.14	0.3	5	10.05	4.2	0.21
HGT2704		0.68	<0.01	5.59	1.6	10	3.76	0.43	0.04	0.02	2.43	0.2	2	5.40	1.9	0.17
HGT2705		0.81	<0.01	5.35	<0.2	10	64.3	8.17	0.06	0.07	0.61	0.2	7	37.7	1.2	0.16
HGT2706		1.34	<0.01	8.22	0.7	100	46.6	0.99	2.06	0.09	11.75	8.1	48	13.25	8.4	2.35
HGT2707		0.75	0.35	6.72	0.6	70	26.0	29.5	0.36	0.02	3.96	0.4	4	26.1	1.5	0.33
HGT2708		0.88	<0.01	7.96	1.6	30	25.1	0.26	0.60	<0.02	1.82	0.8	7	8.36	5.1	0.30
HGT2709		1.90	<0.01	9.73	2.7	30	561	0.41	0.74	<0.02	2.32	2.1	7	187.0	7.2	0.76
HGT2710		1.23	0.02	7.51	1.0	620	227	25.8	0.23	0.24	0.79	2.7	6	154.5	2.6	1.22
HGT2711		0.81	<0.01	5.77	0.5	10	65.6	5.78	0.07	0.06	0.64	0.2	4	57.9	0.8	0.17
HGT2712		1.01	<0.01	5.41	0.5	10	125.0	14.10	0.11	<0.02	0.62	0.2	5	15.00	0.6	0.16
HGT2713		0.65	0.01	0.10	<5	10	3.07	0.13	19.85	0.06	1.03	0.9	2	0.65	1.2	0.42
HGT2714		1.55	0.13	8.61	1.7	30	9.02	0.40	2.17	0.02	2.36	14.4	15	4.75	170.0	5.60
HGT2715		1.66	0.23	7.06	0.4	120	0.60	0.25	8.29	3.08	18.85	4.8	60	9.37	21.0	4.25

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

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620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
HST2699		37.6	0.07	1.8	<0.005	4.36	1.0	38.8	0.24	297	0.12	4.39	98.5	9.2	1320	6.9
HST2700		42.6	0.07	2.8	<0.005	3.09	1.1	17.4	0.10	126	0.08	5.53	85.7	7.6	1260	7.8
HST2701		49.2	0.05	2.3	<0.005	0.87	0.7	7.9	0.03	73	0.09	6.85	92.5	1.5	520	2.2
HST2702		63.5	0.05	4.8	<0.005	0.08	0.8	6.2	<0.01	75	0.14	7.49	160.5	1.3	560	2.8
HST2703		51.2	0.07	2.3	<0.005	0.10	1.4	10.4	0.01	147	0.09	7.16	184.5	1.6	910	2.2
HST2704		48.2	<0.05	2.9	0.013	0.98	0.7	2.8	<0.01	116	0.11	6.84	180.0	1.0	270	3.3
HST2705		49.0	0.09	1.8	0.028	0.63	<0.5	4400	0.01	143	0.19	2.46	111.5	0.9	660	4.1
HST2706		37.6	0.07	4.2	0.040	0.49	4.4	73.7	0.64	464	0.28	5.35	75.6	23.6	1760	9.3
HST2707		42.9	0.05	1.6	0.020	1.95	1.2	6.7	0.02	93	0.13	5.48	40.5	1.3	1370	4.4
HST2708		50.2	0.06	2.3	<0.005	0.09	0.8	31.4	0.06	59	0.11	7.55	107.0	4.3	2170	3.8
HST2709		103.0	0.56	12.3	<0.005	1.24	0.8	162.0	0.17	1.95	0.21	6.17	152.0	3.4	3060	15.5
HST2710		54.7	0.09	3.4	<0.005	2.56	<0.5	4010	0.18	265	<0.05	3.14	114.5	2.3	1200	12.9
HST2711		39.5	0.06	0.7	<0.005	1.04	<0.5	35.8	0.01	42	0.22	6.25	56.2	1.2	890	7.6
HST2712		33.6	0.09	0.2	<0.005	0.06	<0.5	20.4	<0.01	58	5.94	5.62	97.2	1.3	510	3.0
HST2713		0.45	0.58	<0.1	<0.005	0.02	0.5	1.4	13.05	212	0.08	0.05	0.9	1.1	200	1.2
HST2714		35.0	0.12	0.3	0.077	0.13	1.1	70.2	1.62	253	0.17	1.40	1.7	14.0	900	8.1
HST2715		33.4	0.11	0.3	0.048	1.68	0.8	6.3	0.40	464	0.33	0.07	1.0	20.3	210	3.1

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

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Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	MS-MS61 Ag ppm 0.1	MS-MS61 As ppm 0.002	MS-MS61 S % 0.01	MS-MS61 Sb ppm 0.05	MS-MS61 Se ppm 0.1	MS-MS61 Sn ppm 1	MS-MS61 Sr ppm 0.2	MS-MS61 Ta ppm 0.2	MS-MS61 Te ppm 0.05	MS-MS61 Th ppm 0.05	MS-MS61 Ti % 0.2	MS-MS61 Tl ppm 0.005	MS-MS61 U ppm 0.02	MS-MS61 V ppm 0.1	MS-MS61 W ppm 1
H372699		2150	<0.002	<0.01	0.05	0.6	1	18.1	46.0	78.9	0.11	5.4	0.008	19.05	3.7	6
H372700		2540	<0.002	<0.01	0.05	0.6	1	28.0	52.0	>100	0.07	3.7	0.006	22.3	3.2	4
H372701		16.8	<0.002	<0.01	0.08	0.4	<1	8.1	72.1	>100	<0.05	1.5	0.011	0.11	3.5	2
H372702		15.0	<0.002	<0.01	0.08	0.2	<1	5.2	14.2	>100	<0.05	0.2	<0.005	0.09	7.3	<1
H372703		20.8	<0.002	<0.01	0.06	0.2	<1	5.8	28.4	>100	<0.05	1.5	<0.005	0.12	5.8	<1
H372704		16.0	<0.002	<0.01	0.09	0.4	<1	4.5	11.5	>100	<0.05	2.3	0.008	0.09	2.6	1
H372705		740	0.003	<0.01	0.11	0.3	<1	44.1	8.5	>100	0.06	1.4	<0.005	0.08	2.5	1
H372706		101.5	<0.002	<0.01	0.09	7.2	<1	7.9	172.0	>100	0.08	2.3	0.172	0.91	6.8	36
H372707		850	<0.002	<0.01	0.08	0.8	<1	17.5	41.0	94.2	0.34	0.7	0.013	5.84	1.9	2
H372708		56.5	<0.002	<0.01	0.16	0.6	<1	5.3	78.1	>100	<0.05	1.0	0.012	0.27	2.1	3
H372709		2250	<0.002	<0.01	0.10	1.6	<1	111.0	38.6	>100	<0.05	3.6	0.047	11.40	11.2	17
H372710		2380	<0.002	<0.01	0.08	2.3	<1	70.4	102.5	>100	0.47	1.5	<0.005	18.90	5.8	2
H372711		1490	<0.002	<0.01	0.07	0.2	<1	9.2	20.0	52.4	0.05	0.7	<0.005	11.05	1.7	1
H372712		20.4	0.008	<0.01	0.15	0.4	<1	4.9	14.2	>100	0.20	2.9	<0.005	0.16	3.0	<1
H372713		2.9	<0.002	0.01	<0.05	0.1	<1	0.2	42.7	1.41	<0.05	<0.2	<0.005	0.03	0.8	3
H372714		27.0	<0.002	0.02	0.12	19.8	<1	11.8	33.1	1.13	<0.05	<0.2	0.305	0.59	5.1	535
H372715		114.5	0.004	0.01	0.39	4.3	<1	1.3	1155	0.41	<0.05	<0.2	0.067	1.21	<0.1	177

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Finalized Date: 16-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 1	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
H372699		2.5	1.8	14	8.8	
H372700		2.2	2.0	9	14.5	
H372701		5.8	2.2	3	13.5	
H372702		1.1	3.8	3	26.2	
H372703		1.2	2.8	5	10.1	
H372704		1.2	6.5	42	19.6	
H372705		0.7	5.8	4	8.3	
H372706		1.5	18.6	86	73.1	
H372707		0.7	3.9	2	21.9	
H372708		0.9	1.2	15	14.2	
H372709		1.6	2.0	75	79.4	
H372710		1.4	5.1	28	11.9	
H372711		0.5	0.2	9	4.3	
H372712		0.9	0.2	2	19.8	
H372713		0.1	0.7	17	0.5	
H372714		5.4	3.9	99	7.4	
H372715		1.5	6.0	8	8.0	<0.001

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

----- See Appendix Page for comments regarding this certificate -----

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PO BOX 11604
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VANCOUVER BC V6B 4N9

Finalized Date: 14-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121053

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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To: COAST MOUNTAIN GEOLOGICAL LTD.
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626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09121054

Project: TNR Mavis

P.O. No.:

This report is for 33 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GAME JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121054

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
HST2716		1.17	<0.01	7.64	1.5	100	25.4	0.75	1.02	0.04	4.60	2.5	13	19.65	9.6	1.28
HST2717		0.68	<0.01	6.85	0.7	20	222	1.16	0.24	<0.02	1.19	0.5	6	116.5	2.9	0.29
HST2718		1.31	<0.01	6.99	0.6	100	120.5	0.70	0.23	0.02	2.34	0.3	9	44.1	1.4	0.25
HST2719		1.53	<0.01	7.31	0.3	10	74.4	0.62	0.63	<0.02	2.47	1.0	7	97.4	3.7	0.44
HST2720		0.84	<0.01	7.51	0.5	110	2.61	0.04	0.48	<0.02	7.77	1.1	6	3.68	1.6	0.56
HST2721		1.53	<0.01	5.51	0.3	30	198.0	25.8	5.20	<0.02	1.48	0.5	6	190.0	2.2	0.34
HST2722		1.87	0.03	7.43	<0.2	250	3.48	0.33	5.35	0.08	5.19	39.8	101	18.60	24.5	7.20
HST2723		3.01	<0.01	6.70	0.2	10	118.0	1.80	5.12	<0.02	0.82	5.2	5	108.0	20.2	0.26
HST2724		3.75	<0.01	6.63	0.5	20	129.5	2.24	0.09	0.10	0.17	19.5	6	114.0	39.1	0.29
HST2725		3.27	<0.01	6.73	0.3	20	142.0	2.91	0.10	0.02	0.19	3.3	17	121.5	11.8	0.31
HST2726		4.60	<0.01	6.93	0.4	10	161.0	2.69	0.08	<0.02	0.06	4.2	5	148.0	16.4	0.24
HST2727		3.74	<0.01	6.87	0.4	20	147.5	2.01	0.12	0.04	0.31	3.2	5	236	11.5	0.26
HST2728		2.20	0.05	7.86	<0.2	60	8.33	0.17	6.78	0.07	9.44	63.6	8	8.46	69.6	7.77
HST2751		1.37	<0.01	6.57	<0.2	10	356	11.10	0.04	<0.02	0.57	0.5	3	389	1.5	0.28
HST2752		1.47	<0.01	6.53	<0.2	10	136.5	10.60	0.08	0.04	0.63	0.2	4	111.5	0.9	0.30
HST2753		1.41	0.01	0.84	<0.2	10	0.85	0.14	0.65	0.03	2.06	7.5	25	5.32	10.2	1.02
HST2754		1.36	0.08	7.32	0.8	280	6.95	0.80	5.23	0.19	8.22	32.0	92	20.3	72.5	9.22
HST2755		1.29	<0.01	4.67	1.2	10	8.59	0.68	0.19	<0.02	0.72	0.6	6	3.91	1.9	0.35
HST2756		1.60	<0.01	8.37	0.9	130	2.58	0.20	0.86	0.03	32.1	1.8	13	5.26	2.6	0.69
HST2757		1.42	<0.01	7.16	0.7	120	155.5	2.13	0.74	0.02	3.93	9.0	12	200	35.4	2.11
HST2758		1.57	<0.01	11.50	0.9	40	341	3.52	1.43	<0.02	1.24	3.0	6	>500	2.0	0.89
HST2759		1.47	<0.01	7.35	<0.2	10	30.7	0.07	0.07	<0.02	1.09	0.5	3	231	1.6	0.27
HST2760		0.99	0.01	0.09	<5	10	0.52	0.03	19.15	0.06	1.38	0.9	1	2.14	1.5	0.41
HST2761		1.74	<0.01	8.31	0.4	50	181.5	1.08	0.18	0.81	0.20	0.4	4	>500	0.6	0.31
HST2762		1.42	<0.01	8.74	1.0	30	304	0.15	0.69	<0.02	2.97	2.0	4	80.4	14.0	0.50
HST2763		1.50	0.03	7.13	0.6	30	1.33	0.08	4.86	0.30	14.15	34.8	112	8.22	54.6	8.20
HST2764		1.48	<0.01	4.44	0.8	10	53.0	5.34	0.24	0.07	1.65	0.6	9	25.6	2.0	0.41
HST2765		1.66	<0.01	3.69	0.3	60	1.73	0.40	2.03	0.08	16.65	5.9	16	5.57	6.1	2.32
HST2766		2.00	0.01	8.43	<0.2	150	9.48	0.64	8.01	<0.02	57.4	23.0	324	29.2	143.5	3.51
HST2767		1.17	<0.01	5.83	<0.2	10	99.9	8.04	0.11	<0.02	0.81	0.4	6	364	1.1	0.29
HST2768		0.91	<0.01	7.70	0.8	30	47.5	1.06	0.49	<0.02	2.09	1.6	5	41.8	5.3	0.48
HST2769		0.83	<0.01	7.54	0.5	40	75.3	6.72	0.17	<0.02	2.83	0.4	3	103.0	2.4	0.29
HST2770		0.84	0.08	5.76	<0.2	30	5.57	3.03	0.79	<0.02	4.99	2.4	8	82.9	7.0	1.10

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 45, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121054

Sample Description	Method Analyte Units LOR	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
H372716		36.5	<0.05	3.1	0.022	0.26	1.5	42.7	0.17	264	0.56	0.45	44.6	6.8	2090	8.1
H372717		64.8	0.06	3.2	<0.005	1.06	0.5	740	0.02	364	0.39	3.68	72.4	2.6	1050	13.1
H372718		64.2	<0.05	4.6	<0.005	0.64	1.2	28.4	0.01	850	0.27	6.10	95.1	1.3	1150	5.8
H372719		60.9	0.05	3.6	<0.005	0.93	1.2	112.5	0.07	125	0.18	4.45	89.0	2.1	2220	5.5
H372720		24.1	0.05	3.2	0.005	0.15	3.2	11.0	0.12	125	0.32	6.17	1.9	3.2	230	4.4
H372721		44.7	<0.05	5.7	<0.005	1.23	0.7	52.5	0.03	310	0.20	3.29	99.1	2.3	650	7.3
H372722		15.80	0.06	1.0	0.049	1.04	2.1	216	4.54	1650	0.20	1.86	4.7	87.0	240	2.3
H372723		61.5	0.06	1.9	<0.005	2.08	3.5	4720	0.03	383	0.16	3.73	73.3	10.1	760	6.2
H372724		75.4	0.05	1.6	<0.005	1.53	<0.5	6070	0.02	610	0.15	2.30	71.2	19.8	770	5.5
H372725		70.0	0.05	2.1	<0.005	1.50	<0.5	7700	0.01	758	0.42	2.40	79.6	6.7	790	6.7
H372726		73.6	0.07	1.5	<0.005	1.78	<0.5	9980	0.02	416	0.15	2.81	80.1	8.1	700	7.1
H372727		62.3	0.06	3.1	<0.005	2.22	<0.5	4330	0.02	551	0.81	2.81	74.4	5.9	840	5.7
H372728		33.8	0.07	1.3	0.049	0.44	4.1	340	2.55	2210	0.23	1.69	3.7	44.0	320	2.5
H372751		61.0	0.05	4.9	<0.005	2.28	<0.5	136.5	0.02	162	0.58	3.31	100.5	0.9	360	5.0
H372752		64.8	0.06	2.8	<0.005	1.50	<0.5	352	0.01	278	0.21	4.30	76.3	0.6	810	7.1
H372753		3.37	<0.05	0.2	0.018	0.04	0.9	48.6	0.37	191	1.24	0.16	1.0	12.7	180	1.1
H372754		19.35	0.11	2.1	0.079	1.72	3.1	98.4	2.84	1500	0.36	1.89	4.7	32.2	540	3.7
H372755		28.1	<0.05	2.2	<0.005	0.06	<0.5	9.7	0.03	163	0.29	4.06	38.7	1.1	260	2.6
H372756		32.0	0.05	3.8	0.011	0.21	13.6	50.1	0.29	197	0.13	6.77	1.9	7.3	540	6.6
H372757		48.9	0.06	2.3	0.015	1.24	1.7	257	0.41	535	0.80	4.47	85.6	4.9	1090	6.4
H372758		121.0	0.11	4.3	<0.005	3.81	<0.5	7.6	0.19	706	0.10	2.81	139.5	5.8	5240	10.7
H372759		66.9	0.05	5.6	<0.005	0.98	0.5	68.2	0.03	141	0.12	6.12	134.0	1.5	400	8.4
H372760		0.42	<0.05	<0.1	<0.005	0.03	0.7	2.4	12.55	202	0.22	0.03	1.3	8.3	190	1.2
H372761		92.1	0.08	2.7	<0.005	1.19	<0.5	6340	0.07	753	0.09	2.67	113.5	1.1	460	3.9
H372762		56.7	<0.05	5.6	<0.005	0.14	1.1	41.5	0.09	62	0.64	7.68	123.5	17.3	1620	3.8
H372763		19.95	0.10	3.9	0.016	0.08	4.5	123.0	2.34	1120	0.73	2.81	4.5	69.8	520	1.7
H372764		32.3	<0.05	2.0	0.011	0.11	5.7	4.0	0.04	105	0.79	3.91	83.1	3.8	520	2.0
H372765		13.65	0.05	3.4	0.082	0.33	6.9	23.1	0.44	418	0.35	1.03	11.0	13.7	520	1.1
H372766		25.8	0.11	2.7	0.065	1.03	23.7	38.8	1.76	741	1.80	2.26	13.5	138.0	1810	1.1
H372767		47.0	0.05	2.5	<0.005	1.47	<0.5	345	0.02	76	0.09	5.12	91.2	1.7	2810	5.7
H372768		51.7	<0.05	6.8	<0.005	0.22	0.7	21.2	0.07	129	30.0	6.88	76.2	2.4	2120	4.0
H372769		70.3	0.05	5.7	<0.005	0.60	0.9	29.9	0.02	97	5.16	6.67	112.5	1.1	820	4.3
H372770		24.7	<0.05	1.9	0.008	0.30	2.1	58.9	0.16	162	10.85	3.88	12.3	7.4	1680	1.8

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 8-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121054

Sample Description	Method Analyte Units LRD	ME-MS61 Pb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.2	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.05	ME-MS61 Ti % 0.2	ME-MS61 Tl ppm 0.002	ME-MS61 U ppm 0.02	ME-MS61 V ppm 0.1	ME-MS61 W ppm 1
HST2716		66.8	<0.002	0.01	0.19	2.2	1	9.4	83.8	71.9	<0.05	2.1	0.067	0.40	5.3	10
HST2717		2770	<0.002	<0.01	0.12	0.3	1	59.3	16.2	100.0	<0.05	2.0	0.010	19.05	4.7	2
HST2718		900	<0.002	<0.01	0.06	0.1	1	30.9	32.0	>100	<0.05	3.1	0.005	5.37	7.8	<1
HST2719		1610	<0.002	<0.01	0.09	0.8	1	88.2	40.3	>100	<0.05	2.0	0.020	9.61	5.7	5
HST2720		17.3	<0.002	<0.01	0.06	1.3	1	0.4	325	1.63	<0.05	3.8	0.073	0.08	1.3	7
HST2721		1640	<0.002	<0.01	0.06	0.6	1	30.4	8.7	>100	0.67	2.2	0.020	10.40	3.6	4
HST2722		1431.0	<0.002	<0.01	0.08	46.1	1	7.3	128.5	3.90	<0.05	0.8	0.381	1.02	0.2	254
HST2723		3080	<0.002	<0.01	0.32	0.3	1	65.1	8.5	75.8	<0.05	3.9	0.008	23.7	4.8	2
HST2724		2260	<0.002	<0.01	0.26	0.4	1	106.5	9.3	49.8	<0.05	4.1	0.007	18.70	5.1	<1
HST2725		2100	<0.002	<0.01	0.23	0.6	1	102.0	10.2	71.5	0.06	3.5	0.007	19.00	5.2	1
HST2726		2680	<0.002	<0.01	0.53	0.3	1	82.4	17.3	67.9	<0.05	4.0	0.009	32.3	3.6	<1
HST2727		3866	<0.002	<0.01	0.14	0.4	1	82.3	10.5	>100	<0.05	3.7	0.007	32.3	6.7	2
HST2728		1210	<0.002	0.02	0.33	50.0	1	33.0	180.5	2.22	<0.05	1.1	0.470	0.76	5.3	288
HST2751		4960	<0.002	<0.01	<0.05	0.4	1	73.8	7.9	>100	0.16	3.4	0.014	36.3	1.8	8
HST2752		2040	<0.002	<0.01	0.14	0.3	1	33.8	36.2	83.9	<0.05	2.4	0.009	14.70	6.4	1
HST2753		21.1	0.002	0.02	0.19	4.0	1	0.5	15.8	0.30	<0.05	<0.2	0.107	0.09	0.1	30
HST2754		500	0.002	0.44	0.20	33.1	1	6.3	351	3.09	0.06	0.6	0.898	3.22	0.2	309
HST2755		20.8	<0.002	0.01	0.12	0.4	1	1.7	20.5	29.8	<0.05	1.2	0.011	0.10	3.6	4
HST2756		38.9	<0.002	<0.01	0.07	2.4	1	0.4	345	0.68	0.07	6.6	0.095	0.23	4.3	14
HST2757		1930	<0.002	0.02	0.10	5.8	1	10.3	56.2	61.5	0.05	2.1	0.196	14.60	3.4	44
HST2758		>10000	<0.002	<0.01	0.19	1.7	1	208	21.4	>100	<0.05	1.7	0.063	77.9	3.7	24
HST2759		2570	<0.002	<0.01	0.07	0.4	1	41.3	13.8	>100	<0.05	2.4	0.013	17.30	4.6	5
HST2760		17.9	<0.002	0.02	<0.05	0.2	1	0.4	36.8	3.01	<0.05	<0.2	<0.005	0.11	0.8	<1
HST2761		3430	<0.002	0.01	0.09	0.2	1	139.0	10.8	>100	<0.05	1.4	0.008	25.0	1.7	3
HST2762		93.9	<0.002	0.10	0.35	0.5	1	6.3	92.4	>100	<0.05	2.2	0.007	0.51	3.1	8
HST2763		14.9	0.002	0.19	0.41	21.3	1	1.5	380	2.01	<0.05	0.2	0.941	0.07	0.2	193
HST2764		140.0	0.004	0.02	0.22	0.4	1	10.1	34.4	>100	0.06	1.0	0.015	0.77	2.9	3
HST2765		34.8	<0.002	0.03	0.09	8.7	1	1.9	97.1	2.01	<0.05	1.2	0.227	0.17	0.3	29
HST2766		156.5	0.002	0.04	0.16	33.7	1	27.1	350	2.07	<0.05	2.4	0.830	1.86	0.6	184
HST2767		5020	<0.002	0.01	0.09	0.3	1	12.3	13.8	>100	<0.05	0.8	0.022	44.6	3.8	4
HST2768		382	0.014	0.01	0.21	0.9	1	20.2	45.3	>100	<0.05	1.8	0.053	1.84	7.1	10
HST2769		1400	0.004	0.01	0.13	0.3	1	49.7	37.2	>100	0.17	2.0	0.012	9.11	7.0	3
HST2770		138.5	0.011	0.01	0.06	2.7	1	3.9	63.8	43.9	0.06	0.8	0.067	0.97	1.6	18

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 42, AND 43 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121054

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zr ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
KGT2716		9.6	11.4	33	44.4	
KGT2717		1.2	0.6	25	15.3	
KGT2718		0.8	0.4	21	16.6	
KGT2719		1.4	1.3	33	17.6	
KGT2720		0.7	3.1	9	97.0	
KGT2721		1.3	3.6	13	26.7	
KGT2722		1.1	14.0	75	29.2	
KGT2723		1.2	0.2	30	10.8	
KGT2724		1.2	0.1	44	7.9	
KGT2725		1.4	0.2	41	11.3	
KGT2726		1.3	0.1	39	7.4	
KGT2727		1.2	0.2	48	15.9	
KGT2728		0.9	19.7	97	60.8	
KGT2751		1.6	1.5	31	23.0	
KGT2752		1.2	0.3	71	16.9	
KGT2753		1.4	3.1	24	7.3	<0.001
KGT2754		1.2	22.2	105	62.1	0.001
KGT2755		0.7	2.7	6	22.2	
KGT2756		1.3	9.9	14	116.0	
KGT2757		1.1	6.4	41	21.7	
KGT2758		5.7	2.0	195	13.1	
KGT2759		1.9	3.4	22	22.3	
KGT2760		0.1	0.7	16	<0.5	
KGT2761		1.0	0.4	373	10.1	
KGT2762		1.8	3.2	15	23.7	
KGT2763		0.5	19.6	218	21.1	<0.001
KGT2764		0.9	4.4	29	11.3	
KGT2765		62.7	46.3	56	109.5	<0.001
KGT2766		5.5	23.0	30	86.5	<0.001
KGT2767		0.9	1.1	13	10.3	
KGT2768		1.3	3.7	21	26.0	
KGT2769		1.8	2.5	20	20.6	
KGT2770		2.5	8.7	16	39.0	0.004

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

----- See Appendix Page for comments regarding this certificate -----

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
520-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121054

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As;ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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To: COAST MOUNTAIN GEOLOGICAL LTD.
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 16-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09121055

Project: TNR Mavis

P.O. No.:

This report is for 40 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS AE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121055

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372771		1.16	0.09	7.67	1.4	30	76.8	2.49	0.65	0.03	2.27	2.6	13	36.5	4.5	1.05
H372772		1.68	<0.01	5.45	0.4	50	10.65	9.22	0.44	<0.02	4.66	0.8	10	>500	1.4	2.31
H372773		0.96	0.01	6.97	0.6	120	1.09	0.12	0.88	0.03	20.2	1.1	8	11.25	2.9	0.94
H372774		0.48	<0.01	6.97	0.6	1470	3.13	0.09	0.42	0.02	9.56	1.4	5	63.1	2.2	0.79
H372775		1.26	0.03	7.64	0.5	70	2.59	0.04	0.72	0.03	21.3	2.0	9	5.47	0.8	0.83
H372776		0.98	0.02	6.30	1.1	40	2.82	0.13	0.52	<0.02	20.3	7.0	4	2.77	4.9	3.78
H372777		1.88	0.01	0.29	0.5	10	0.14	<0.01	0.34	<0.02	0.32	1.6	22	1.01	1.9	0.37
H372778		1.51	<0.01	6.75	0.8	30	0.32	0.02	1.14	0.03	0.54	5.4	14	2.00	1.0	1.66
H372779		1.49	<0.01	6.68	0.4	30	156.0	0.51	0.31	0.02	1.30	0.3	6	39.8	0.6	0.27
H372780		Lsmpl. NR														
H373021		0.46	0.26	7.57	0.3	800	2.00	0.44	1.43	0.20	43.5	3.3	13	12.75	48.8	4.50
H373022		1.46	0.34	7.91	0.3	300	1.16	0.78	8.52	0.58	20.2	45.3	163	14.00	339	9.66
H373023		0.33	0.04	6.77	1.8	1620	1.57	0.09	0.53	0.04	13.60	1.7	6	5.60	6.5	0.86
H373024		0.70	0.09	6.12	0.2	90	0.86	0.05	6.53	0.09	45.8	31.6	99	1.30	64.6	5.95
H373025		0.59	0.06	7.36	0.4	140	0.91	0.15	5.47	0.13	19.90	28.6	113	7.42	29.0	5.14
H373026		2.23	1.24	2.69	2.0	150	0.24	1.75	1.66	5.60	42.75	90.4	34	5.83	402	16.50
H373027		0.53	0.15	6.01	<0.2	660	0.94	0.40	2.15	0.10	42.5	16.0	56	8.51	120.5	3.67
H373028		0.69	0.07	6.58	0.2	120	0.69	0.04	3.94	0.13	22.7	36.4	16	5.97	62.6	5.86
H373029		0.61	0.05	7.61	<0.2	160	0.44	0.03	8.50	0.09	20.3	35.8	316	7.12	37.3	5.62
H373030		0.61	0.13	6.38	0.3	210	1.68	0.23	2.31	0.14	35.3	22.5	5	19.7	32.4	13.85
H373031		0.58	0.15	5.84	0.8	310	1.66	0.19	1.94	0.21	46.9	4.0	10	45.10	41.6	6.31
H373032		1.03	0.09	7.03	0.2	30	0.67	0.03	3.44	0.14	14.00	39.7	35	9.81	153.0	10.80
H373033		0.63	0.08	7.53	<0.2	40	0.61	0.02	5.63	0.17	12.50	41.6	39	5.16	32.7	11.75
H373034		0.92	0.08	6.65	<0.2	20	1.10	0.05	3.85	0.17	23.3	31.8	5	3.04	31.9	12.65
H373035		1.21	<0.01	6.92	2.0	90	52.0	35.5	0.12	0.03	0.55	0.4	4	3.18	1.8	0.32
H373036		1.46	0.41	6.11	0.6	40	431	187.5	0.35	0.04	0.46	0.2	6	2.05	0.7	0.23
H373037		1.69	0.19	5.98	1.2	20	136.5	51.9	0.19	0.05	1.75	0.3	8	115.0	0.8	0.24
H373038		1.12	0.04	7.57	1.4	80	43.9	16.45	0.12	<0.02	0.26	0.2	5	>500	0.7	0.23
H373039		1.44	<0.01	5.94	0.6	10	31.9	44.8	0.19	0.03	0.79	0.1	5	42.3	0.4	0.15
H373040		0.87	0.01	0.10	<5	10	0.49	0.56	19.10	0.66	1.09	1.6	2	1.24	1.4	0.48
H373041		1.41	0.07	5.99	0.9	20	296	81.6	0.37	<0.02	2.79	0.3	5	89.7	0.7	0.24
H373042		1.61	0.07	6.25	0.8	20	921	1.29	0.70	<0.02	3.31	3.4	6	142.0	5.6	0.98
H373043		1.21	<0.01	4.18	<0.2	10	335	0.63	0.82	0.14	0.55	0.6	9	28.7	1.0	0.29
H373044		1.38	<0.01	6.63	<0.2	20	5.67	0.72	0.22	<0.02	0.41	0.2	6	3.11	0.9	0.15
H373045		1.64	<0.01	3.17	0.4	20	24.8	0.65	0.08	0.02	0.36	0.3	17	9.79	1.1	0.29
H373046		1.53	<0.01	5.67	0.3	30	26.7	0.20	0.18	0.02	1.37	0.4	11	75.4	1.3	0.36
H373047		1.21	<0.01	4.74	0.6	20	249	0.22	0.16	<0.02	1.76	0.6	10	18.65	3.6	0.37
H373048		1.06	<0.01	4.63	<0.2	10	7.37	0.08	0.14	<0.02	0.60	0.2	10	4.65	1.0	0.21
H373049		1.54	<0.01	4.44	0.3	20	9.08	4.47	0.25	0.03	1.17	0.3	9	3.96	1.0	0.27
H373050		1.22	<0.01	7.44	0.2	20	9.43	4.16	0.29	0.02	0.67	0.6	5	7.08	2.2	0.37

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 45, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 4N9

Finalized Date: 16-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121055

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H372771		57.9	0.06	3.9	<0.005	0.29	0.5	39.2	0.13	243	0.12	5.50	72.4	4.2	2480	16.7
H372772		33.0	0.09	4.6	0.019	0.42	1.6	71.9	0.06	264	0.25	3.61	72.7	0.7	1400	2.6
H372773		21.8	0.08	3.2	<0.005	0.24	5.0	16.6	0.14	125	0.29	5.70	3.9	2.8	240	3.8
H372774		21.2	0.09	3.3	<0.005	1.72	1.4	37.0	0.14	96	0.16	4.08	4.3	2.8	150	13.6
H372775		24.0	0.07	3.3	<0.005	0.15	10.1	15.8	0.25	170	1.75	6.78	1.6	5.9	380	4.8
H372776		33.6	0.08	3.7	<0.005	0.04	5.6	15.1	0.13	179	0.22	7.54	1.7	1.9	460	5.5
H372777		0.73	0.05	<0.1	<0.005	0.01	<0.5	6.4	0.18	74	0.08	0.13	0.1	4.1	110	0.5
H372778		2.26	0.06	<0.1	<0.005	0.04	<0.5	20.6	0.40	412	0.14	0.17	1.6	8.1	100	0.7
H372779		63.2	0.06	1.1	<0.005	1.16	0.7	45.4	0.01	393	0.15	6.99	53.2	0.7	1140	5.7
H372780																
H373021		25.4	0.12	7.3	0.311	4.66	23.3	85.9	0.45	538	2.08	0.76	16.1	4.0	340	15.6
H373022		16.35	0.19	0.9	0.605	0.73	8.8	38.5	0.85	2700	1.62	0.47	3.6	88.3	280	12.3
H373023		21.4	0.09	3.7	0.016	2.52	5.8	24.8	0.19	120	0.21	3.24	4.4	5.2	210	22.2
H373024		17.65	0.23	1.7	0.061	0.19	16.6	13.9	3.19	1410	0.18	2.79	8.1	79.1	1240	3.6
H373025		21.0	0.16	1.8	0.044	0.89	7.8	30.5	2.41	1250	0.67	1.73	6.6	102.5	780	5.5
H373026		7.26	0.31	1.3	0.351	0.60	4.5	16.9	0.38	1740	6.76	0.46	2.3	125.0	160	21.1
H373027		21.5	0.17	5.3	0.227	2.71	17.3	60.1	0.73	876	2.27	0.60	11.3	37.0	220	8.3
H373028		23.2	0.19	2.1	0.061	0.41	8.1	81.9	1.56	762	0.26	4.44	8.1	63.2	910	4.6
H373029		17.05	0.18	1.1	0.047	0.48	9.4	21.4	3.28	937	0.23	2.49	5.5	139.0	500	1.7
H373030		27.1	0.28	5.0	0.136	5.78	14.3	32.7	1.75	1900	0.23	4.05	10.3	4.9	1780	2.1
H373031		26.3	0.24	5.4	0.219	1.07	24.9	42.7	0.33	949	1.39	2.25	19.3	3.0	590	7.2
H373032		23.5	0.20	2.3	0.099	0.11	5.2	34.2	2.75	1510	0.36	3.22	6.1	34.7	820	1.2
H373033		25.8	0.22	1.8	0.106	0.23	4.2	53.6	2.48	1910	1.20	2.07	8.9	39.6	760	2.0
H373034		26.2	0.22	3.7	0.140	0.12	8.9	35.8	2.31	2150	0.93	2.61	9.4	12.5	1830	2.2
H373035		34.5	0.13	1.7	0.038	2.87	<0.5	2870	0.02	248	0.28	3.96	46.3	0.8	1150	8.3
H373036		71.8	0.07	2.3	<0.005	1.61	0.5	450	0.01	230	0.24	4.64	172.5	1.3	2840	6.5
H373037		60.2	0.06	2.7	<0.005	2.29	0.5	23.9	0.01	131	0.53	4.85	125.0	1.3	1370	11.7
H373038		43.5	0.05	0.6	<0.005	3.50	<0.5	25.1	<0.01	62	0.10	2.28	66.8	1.1	1370	13.7
H373039		49.5	<0.05	3.4	<0.005	0.56	<0.5	269	<0.01	131	0.19	6.57	152.5	0.5	2530	5.3
H373040		0.61	0.31	<0.1	0.005	0.03	0.5	2.1	12.35	214	0.07	0.04	0.9	2.8	170	1.2
H373041		66.2	0.05	6.6	<0.005	0.46	0.8	118.5	0.06	442	0.09	5.52	92.9	0.6	1930	12.1
H373042		83.9	<0.05	11.4	<0.005	0.11	1.4	123.5	0.15	215	0.19	6.93	65.6	3.9	2210	4.3
H373043		15.40	0.14	2.9	<0.005	0.03	<0.5	81.5	0.06	100	0.20	3.24	36.2	1.8	3600	3.5
H373044		29.4	0.15	0.8	<0.005	0.04	<0.5	4.1	0.05	48	0.12	7.92	61.4	1.6	520	3.6
H373045		13.10	0.10	0.6	<0.005	0.10	<0.5	22.6	0.01	50	0.10	2.37	24.2	1.3	150	2.1
H373046		30.4	0.14	2.4	<0.005	0.45	1.0	50.8	0.03	235	0.12	4.05	129.0	1.3	560	4.6
H373047		24.5	0.11	6.8	0.011	0.02	0.6	34.2	0.02	117	0.56	4.20	388	1.2	400	8.3
H373048		22.8	0.08	2.5	<0.005	0.02	<0.5	8.5	0.01	31	0.56	4.58	47.9	0.9	530	2.2
H373049		17.70	0.09	3.5	<0.005	0.03	0.9	10.9	0.02	73	1.33	4.04	31.5	0.5	870	5.6
H373050		32.3	0.11	3.2	<0.005	0.05	0.5	66.5	0.08	116	2.09	7.17	164.0	2.8	1150	5.5

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121055

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
H372771		340	<0.002	<0.01	0.16	1.8	1	14.3	62.3	>100	0.06	2.1	0.060	1.92	4.3	19
H372772		630	<0.002	<0.01	0.23	1.6	<1	42.0	37.7	>100	0.34	1.1	0.058	8.96	2.4	2
H372773		23.2	<0.002	<0.01	0.10	2.1	<1	2.0	429	2.72	<0.05	5.2	0.067	0.17	2.2	15
H372774		144.0	<0.002	<0.01	0.10	1.5	<1	1.7	841	0.86	0.08	3.7	0.085	1.21	1.7	10
H372775		11.6	<0.002	<0.01	0.06	1.8	<1	0.4	388	0.52	<0.05	4.8	0.093	0.09	1.4	8
H372776		7.8	<0.002	0.01	0.08	2.4	<1	0.3	159.5	0.54	0.08	6.8	0.121	0.04	1.1	12
H372777		2.7	<0.002	<0.01	0.05	1.3	<1	0.4	6.9	0.57	<0.05	<0.2	<0.005	0.02	<0.1	7
H372778		3.6	<0.002	<0.01	0.06	5.8	<1	0.5	39.2	0.10	<0.05	<0.2	0.119	0.02	<0.1	44
H372779		1550	<0.002	<0.01	<0.05	0.4	<1	44.7	24.4	50.6	<0.05	1.9	0.010	8.64	3.5	2
H372780																
H373021		187.5	0.002	0.30	0.10	93.7	2	3.6	73.1	2.29	0.16	7.2	0.291	1.29	1.7	31
H373022		83.4	0.011	2.06	0.48	35.1	5	12.9	151.5	0.51	0.67	1.2	0.389	0.57	0.3	160
H373023		81.4	<0.002	0.02	0.23	2.0	1	1.1	954	0.34	<0.05	7.1	0.132	0.15	2.6	16
H373024		5.9	<0.002	0.01	0.37	25.9	2	1.1	360	0.55	<0.05	1.7	0.695	0.03	0.4	170
H373025		27.1	<0.002	<0.01	0.35	16.7	1	0.8	996	0.45	<0.05	1.0	0.476	0.20	0.3	153
H373026		37.0	0.012	<10.0	0.28	9.8	10	2.8	98.3	0.16	0.86	2.8	0.114	0.93	0.8	57
H373027		100.5	0.005	0.50	0.12	16.6	3	3.4	80.2	0.98	0.45	5.2	0.238	0.65	1.1	82
H373028		7.2	<0.002	0.02	0.19	22.8	2	1.0	601	0.51	<0.05	0.9	0.727	0.10	0.3	176
H373029		25.7	<0.002	0.01	0.11	27.4	1	0.7	245	0.36	<0.05	1.0	0.432	0.15	0.3	157
H373030		53.7	<0.002	0.05	0.06	45.8	3	1.8	248	0.63	0.06	1.5	1.190	0.49	0.5	87
H373031		61.4	<0.002	0.12	0.12	12.2	4	3.3	128.5	1.20	0.14	3.1	0.366	0.45	0.8	31
H373032		20.0	0.002	0.16	0.10	37.9	2	0.9	50.9	0.42	<0.05	0.8	0.978	0.14	0.2	301
H373033		7.1	0.002	0.02	0.11	41.5	2	1.3	194.0	0.46	<0.05	0.9	1.170	0.05	0.2	288
H373034		4.7	0.002	0.03	0.10	41.0	2	1.5	87.8	0.62	<0.05	1.3	1.050	0.04	0.3	134
H373035		4400	<0.002	<0.01	0.21	1.5	3	51.1	26.7	56.1	0.16	1.2	0.010	35.8	2.3	2
H373036		2250	<0.002	0.01	0.07	0.4	1	22.8	24.8	>100	0.14	2.4	0.005	18.15	7.0	1
H373037		3620	<0.002	<0.01	0.06	0.5	2	14.3	23.7	>100	0.14	1.7	0.006	27.5	5.6	1
H373038		5440	<0.002	<0.01	0.06	0.4	1	8.7	25.8	62.2	0.10	1.6	<0.005	92.0	2.7	1
H373039		710	<0.002	<0.01	<0.05	0.4	1	10.7	14.2	>100	0.12	2.5	<0.005	5.81	1.7	<1
H373040		20.4	<0.002	0.01	<0.05	0.3	1	0.2	42.6	1.04	<0.05	<0.2	<0.005	0.19	1.0	3
H373041		940	<0.002	<0.01	<0.05	0.5	1	19.0	14.4	96.8	0.23	3.9	<0.005	4.04	3.0	1
H373042		50.2	<0.002	<0.01	0.53	1.8	1	11.8	58.7	>100	<0.05	2.8	0.044	0.37	8.2	17
H373043		8.8	<0.002	<0.01	0.10	1.0	1	4.3	29.0	>100	0.17	1.6	<0.005	0.08	3.0	4
H373044		11.6	<0.002	<0.01	<0.05	0.5	1	2.7	18.2	>100	<0.05	0.9	<0.005	0.09	1.9	<1
H373045		126.0	<0.002	<0.01	0.09	0.3	1	6.4	9.2	76.9	<0.05	0.5	<0.005	0.73	0.7	<1
H373046		690	<0.002	<0.01	0.09	0.6	1	30.8	20.0	>100	<0.05	3.9	0.007	4.62	2.7	2
H373047		9.1	<0.002	<0.01	0.09	1.5	1	5.2	24.9	>100	0.06	3.6	0.012	0.01	5.7	5
H373048		6.5	<0.002	<0.01	0.08	0.3	1	0.7	23.7	100.0	<0.05	0.5	<0.005	0.06	1.5	<1
H373049		6.7	<0.002	<0.01	0.39	0.5	1	6.8	26.5	>100	0.21	2.8	<0.005	0.06	19.0	2
H373050		27.9	<0.002	<0.01	0.09	2.0	1	10.4	52.4	>100	0.29	4.0	0.013	0.19	7.4	8

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 46, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 4N9

Finalized Date: 16-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121055

Sample Description	Method Analyte Units LRD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-ICP21 Au ppm 0.001
KI372771		1.0	2.3	107	20.4	
KI372772		1.1	12.5	31	84.8	
KI372773		0.6	5.9	6	111.5	
KI372774		1.6	3.0	18	113.5	
KI372775		1.2	3.9	11	119.5	
KI372776		1.6	7.9	8	125.0	
KI372777		0.1	0.5	3	1.3	<0.001
KI372778		0.3	2.6	23	5.7	<0.001
KI372779		0.9	0.9	20	7.4	
KI372780						
KI373021		1.9	14.3	156	209	<0.001
KI373022		3.2	20.2	366	31.5	<0.001
KI373023		0.7	3.3	33	125.0	
KI373024		0.5	24.1	111	65.2	<0.001
KI373025		0.3	13.8	79	56.9	<0.001
KI373026		1.5	7.0	1660	31.8	<0.001
KI373027		1.2	19.4	66	176.0	<0.001
KI373028		0.4	18.1	96	76.1	
KI373029		0.2	14.1	83	36.9	
KI373030		0.6	51.6	170	171.0	
KI373031		0.5	61.5	154	186.0	
KI373032		0.3	34.9	116	79.7	<0.001
KI373033		0.3	37.9	150	81.9	<0.001
KI373034		0.5	53.6	167	133.5	
KI373035		0.9	0.4	27	10.4	
KI373036		1.7	0.2	29	13.2	
KI373037		1.4	0.2	24	17.2	
KI373038		1.0	0.1	4	4.0	
KI373039		1.5	0.1	5	19.0	
KI373040		0.1	0.7	14	<0.5	
KI373041		1.7	0.4	39	43.0	
KI373042		1.4	2.7	107	56.7	
KI373043		0.7	0.4	5	9.0	
KI373044		0.5	0.1	2	2.1	
KI373045		0.3	0.2	2	1.0	
KI373046		0.9	0.5	9	7.9	
KI373047		3.0	0.9	13	26.4	
KI373048		0.5	0.2	<2	10.7	
KI373049		0.8	0.3	8	11.2	
KI373050		0.9	0.4	7	8.8	

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

----- See Appendix Page for comments regarding this certificate -----

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121055

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
This copy reported on 15-DEC-2009
Account: COAMO

CERTIFICATE TB09121056

Project: TNR Mavis

P.O. No.:

This report is for 5 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
626-650 W GEORGIA ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 4N9

Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121058

Sample Description	Method Analyte Units Limit	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
H372472		0.63	<0.01	5.97	0.8	20	63.9	2.97	0.09	<0.02	0.65	0.3	6	177.0	1.7	0.21
H372781		1.97	<0.01	7.00	0.7	30	182.5	0.67	0.13	0.15	0.96	0.6	7	84.4	3.2	0.35
H372782		1.58	<0.01	7.16	0.8	10	111.0	1.69	0.05	<0.02	0.23	0.2	4	108.5	0.8	0.27
H373813		Listed, NR														
H373814		Listed, NR														

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121056

Sample Description	Method Analyte Units Limit	ME-MS61 Ba ppm 0.05	ME-MS61 Be ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
H372472		46.6	0.57	2.9	<0.005	1.49	0.5	25.4	0.01	49	0.13	4.78	89.5	7.8	600	5.6
H372761		68.0	<0.05	2.2	<0.005	1.97	<0.5	1820	0.02	362	0.49	4.06	78.0	27.2	1500	6.8
H372762		58.3	0.05	1.2	<0.005	2.41	<0.5	3710	0.01	210	0.57	3.20	58.3	3.8	580	5.9
H375413																
H375414																

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 45, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121056

Sample Description	Method Analyte Units Lab	MS-MS21 Ag ppm 0.1	MS-MS21 Re ppm 0.002	MS-MS21 S % 0.01	MS-MS21 Sb ppm 0.05	MS-MS21 Sc ppm 0.1	MS-MS21 Se ppm 1	MS-MS21 Sn ppm 0.2	MS-MS21 Sr ppm 0.2	MS-MS21 Ta ppm 0.01	MS-MS21 Te ppm 0.05	MS-MS21 Th ppm 0.2	MS-MS21 Ti % 0.005	MS-MS21 Tl ppm 0.02	MS-MS21 U ppm 0.1	MS-MS21 V ppm 1
HI73472		2620	<0.002	<0.01	0.07	0.3	1	23.1	14.6	>100	0.07	1.3	0.098	20.8	5.0	1
HI72781		2700	<0.002	0.01	0.08	0.3	1	58.3	8.9	73.8	<0.05	5.8	0.009	17.75	8.4	1
HI72782		3380	<0.002	<0.01	0.07	0.1	1	56.3	7.9	51.2	<0.05	2.6	0.005	24.3	3.5	<1
HI73413																
HI73414																

Comments: 180 SAMPLES SPLIT INTO 5 WORKORDERS OF 58, 57, 33, 40, AND 5 SAMPLES EACH

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09121056

Sample Description	Method Analyte Units LIMIT	[illegible] Mo ppm 0.1	[illegible] Ni ppm 0.1	[illegible] Pb ppm 2	[illegible] Zn ppm 0.5
H373472		1.2	0.2	9	12.1
H373781		1.3	0.2	41	13.8
H373782		0.8	0.1	34	9.3
H373415					
H373416					

Comments: 193 SAMPLES SPLIT INTO 5 WORKORDERS OF 38, 37, 33, 40, AND 5 SAMPLES EACH

----- See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-NOV-2009
Account: COAMO

Project: ThR Mavis

CERTIFICATE OF ANALYSIS TB09121056

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 18-NOV-2009
Account: COAMO

CERTIFICATE TB09127276

Project: TNR Mavis

P.O. No.:

This report is for 13 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 12-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
ME-MS81h	High grade REE by fusion/ICP/MS	ICP-MS

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 4N9

Finalized Date: 18-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09127276

Sample Description	Method Analyte Units LOR	ME-MS21h Rb ppm 1	ME-MS21h Ta ppm 0.5	ME-XRF15 Cs ppm 10
HST2718			151.0	
HST2719			201	
HST2721			223	
HST2727			151.5	
HST2751			114.0	
HST2758		9160	640	1450
HST2759			496	
HST2761			182.5	590
HST2762			278	
HST2764			248	
HST2767			253	
HST2768			424	
HST2769			396	

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Finalized Date: 18-NOV-2009
Account: COAMO

CERTIFICATE TB09127277

Project: TNR Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 12-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09127277

Sample Description	Method Analyte Units LOR	[illegible] Te ppm [illegible]
H373472		271

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Finalized Date: 19-NOV-2009
Account: COAMO

CERTIFICATE TB09129582

Project: TNR-Mavis

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 13-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GAME JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18-NOV-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09129582

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001
HOT3413		0.013
HOT3414		<0.001

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Finalized Date: 28-NOV-2009
Account: COAMO

CERTIFICATE TB09132103

Project: TNR Mavis

P.O. No.:

This report is for 13 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 19-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS AS OBAAN	GABE ATHAN	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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Finalized Date: 28-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09132103

Sample Description	Method Analyte Units LOD	ME-ICP06 Ca ppm 10	ME-MS61m Te ppm 0.2
H372771			249
H372772		800	
H373036			1720
H373037			1323
H373038		800	
H373039			299
H373042			379
H373043			603
H373044			231
H373046			652
H373047			1020
H373049			1165
H373050			625

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Finalized Date: 28-NOV-2009
Account: COAMO

CERTIFICATE TB09132104

Project: TNR Mavis

P.O. No.:

This report is for 30 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 19-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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Finalized Date: 26-NOV-2009
Account: COAMO

Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09132104

Sample Description	Method Analyte Units LOD	ME-XRF05 Cu ppm 10	ME-MS81h Te ppm 5.0
KI372603			592
KI372611		660	
KI372612			99.4
KI372615			403
KI372619			237
KI372624			223
KI372625			139.5
KI372627			106.0
KI372629			225
KI372628			154.5
KI372631			168.0
KI372632			133.5
KI372633			133.5
KI372634			312
KI372635			338
KI372638			265
KI372639			186.5
KI372641			171.5
KI372642			152.5
KI372643			188.0
KI372645			502
KI372646			167.0
KI372647			236
KI372648			240
KI372649			370
KI372654			264
KI372655			315
KI372656			251
KI372657			258
KI372658			390

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CERTIFICATE TB09132105

Project: TNR Mavis

P.O. No.:

This report is for 22 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 19-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analyses

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICP/MS	ICP-MS

To: COAST MOUNTAIN GEOLOGICAL LTD.
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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09132105

Sample Description	Method / Analyte / Units / LOR	[illegible]
	Analyte	[illegible]
	Units	ppm
	LOR	[illegible]
H372665		135.0
H372669		143.0
H372671		127.0
H372672		290
H372673		156.5
H372674		270
H372675		115.0
H372680		181.0
H372682		131.5
H372683		158.0
H372685		446
H372686		133.5
H372701		153.0
H372702		165.5
H372703		272
H372704		173.0
H372705		136.0
H372706		293
H372708		114.5
H372709		168.5
H372710		369
H372712		282

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Finalized Date: 28-NOV-2009
Account: COAMO

CERTIFICATE TB09133486

Project: TNR Li Forgan

P.O. No.:

This report is for 3 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 20-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNCHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61h	High grade REE by fusion/ICPMS	ICP-MS

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Finalized Date: 28-NOV-2009
Account: COAMO

Project: TNR Li Forgan

CERTIFICATE OF ANALYSIS TB09133486

Sample Description	Method Analyte Units Lab	ME-MS81 Ce ppm 1	ME-MS81 Dy ppm 0.3	ME-MS81 Er ppm 0.2	ME-MS81 Eu ppm 0.2	ME-MS81 Gd ppm 0.3	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.05	ME-MS81 La ppm 1	ME-MS81 Lu ppm 0.05	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.3	ME-MS81 Pr ppm 0.3	ME-MS81 Rb ppm 1	ME-MS81 Sm ppm 0.2	ME-MS81 Sn ppm 1
HS74010		3	<0.3	<0.2	<0.2	0.4	4	<0.05	<1	<0.05	107	1.1	0.4	819	0.3	58
HS74030		<1	<0.3	<0.2	<0.2	0.4	2	<0.05	<1	<0.05	81	1.8	0.3	794	0.4	30
HS74053		3	<0.3	<0.2	<0.2	0.3	4	<0.05	<1	<0.05	156	1.1	0.3	378	<0.2	57

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Project: TNR Li Forgan

CERTIFICATE OF ANALYSIS TB09133496

Sample Description	Method Analyte Units LOD	ME-MS61 Te ppm 0.5	ME-MS61 Th ppm 0.05	ME-MS61 Ti % 0.01	ME-MS61 Tm ppm 0.05	ME-MS61 U ppm 0.1	ME-MS61 W ppm 1	ME-MS61 Y ppm 1	ME-MS61 Yb ppm 0.2	ME-MS61 Zr ppm 10
HI374010		209	<0.05	1.2	<0.05	3.2	<1	<1	<0.2	160
HI374030		139.5	<0.05	0.7	<0.05	2.3	<1	<1	<0.2	10
HI374053		254	<0.05	1.3	<0.05	7.0	<1	<1	<0.2	40

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Page: 1
Finalized Date: 3-DEC-2009
Account: COAMO

CERTIFICATE TB09136571

Project: TNR Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 30-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61h	High grade REE by fusion/ICP/MS	ICP-MS

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Signature:

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09136571

Sample Description	Method Analyte Units Limit	MC-MSFH Te ppm 0.1
HOT3617		232

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Finalized Date: 3-DEC-2009
Account: COAMO

CERTIFICATE TB09136572

Project: TNR Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 30-NOV-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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CERTIFICATE OF ANALYSIS TB09136572

Sample Description	Method Analyte Units Limit	Hf ARSTH Ta ppm 0.1
HOT2772		4.1

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Account: COAMO

CERTIFICATE TB09137048

Project: TNR Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 1-DEC-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09137048

Sample Description	Method Analyte Units LOR	[illegible] [illegible] ppm [illegible]
H372700		134.5

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CERTIFICATE TB09137049

Project: TNR-Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 1-DEC-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09137049

Sample Description	Method Analyte Units LOD	ME-MS61 Tl ppm 0.02
HS73219		177.0

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CERTIFICATE TB09137132

Project: TNR-Mavis

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-DEC-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICP/MS	ICP-MS

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Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09137132

Sample Description	Method Analyte Units Lab	WE-MS01 Te ppm 0.5
HST3327		134.5
HST3354		150.5

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CERTIFICATE TB09137133

Project: TNR-Mavis

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The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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Project: TNR Mavis

CERTIFICATE OF ANALYSIS TB09137133

Sample Description	Method / Analyte / Units / LOR	ME-MS81 / [illegible] / ppm / [illegible]
H372520		555

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Account: COAMO

CERTIFICATE TB09137134

Project: TNR Mavis

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Thunder Bay, ON, Canada on 1-DEC-2009.

The following have access to data associated with this certificate:

FRED BREAKS IKE OSMANI	GABE JUTRAS	HANS MUNDHENK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICP/MS	ICP-MS

To: COAST MOUNTAIN GEOLOGICAL LTD.
ATTN: HANS MUNDHENK
PO BOX 11604
620-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: COAST MOUNTAIN GEOLOGICAL LTD
PO BOX 11604
626-650 W GEORGIA ST
VANCOUVER BC V6B 4N9

Finalized Date: 3-DEC-2009
Account: COAMO

Project: TNR-Mavis

CERTIFICATE OF ANALYSIS TB09137134

Sample Description	Method Analyte Units LOR	WE-MS21h Fe % 0.01
[illegible]		163.5