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2016 Ground Magnetometer Survey and Lithogeochemical Sampling Program

On the Mavis West Lithium Property

Dryden Area

Brownridge and Zealand Townships, Kenora Mining District

Northwestern Ontario NTS Map Sheet 52F/15E

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December 2016

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1. SUMMARY

The Mavis West Lithium property consist of 3 contiguous claims (40 claim units, totalling 640 ha)("**Project**") straddling Brownridge and Zealand townships. The Project is located approximately 19 km east-northeast of Dryden in northwestern Ontario.

The purpose of this report is to document the exploration activities performed on the Project for work assessment filing.

This report documents the historical work, geology, mineralogy, deposit type including the details and results from the 2016 continuous reading ground magnetic survey and lithogeochemical sampling program on the Project. The 2016 lithogeochemical sampling program was performed to determine the incidence and intensity of lithium pegmatite pathfinder elements that may indicate the nearby presence of a buried or hidden lithium bearing pegmatite. In conjunction, the mag survey was performed to provide a high resolution image that may reveal the preferential lithological contacts and structures to host a pegmatite; to aid in drill targeting and orientation.

In a regional geological context, the Mavis West property lies within a 2733 to 2706 Ma collisional tectonic zone known as the Sioux Lookout Domain in the western Wabigoon Subprovince that evolved during the Kenoran orogeny. The 150 by 900 km Wabigoon Subprovince is a granite-greenstone terrane and comprises meta-volcanic and subordinate meta-sedimentary 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 rare-metal mineralization in the Project area comprises a swarm of rare-element class granitic pegmatites and associated metasomatic zones genetically related to the 2685 Ma, S-type, peraluminous, and fertile Ghost Lake Batholith. Strong mineralogical zonation of pegmatite types has been documented with increasing eastward distance from this parental granite: beryl-bearing pegmatitic granite units in the Ghost Lake Batholith—external beryl-type pegmatite zone—albite-spodumene-type pegmatite zone—albite-type pegmatite zone. The rare-metal granitic pegmatites in the Project area belong to the LCT-geochemical family (Lithium-Caesium-Tantalum).

A pegmatite field has been observed traversing the Project, ranging from the beryl-type to the west to the albite-spodumene-type to the east of the Project. Numerous tourmaline bearing pegmatite occurrences have been historically catalogued at the Project by past individuals and operators. The pegmatites vary in strike length up to 100m and range in thickness to 20m. These bodies are mainly hosted in the 2733 Ma Brownridge mixed felsic-mafic meta-volcanic unit of the Neepawa Group that is intensely sheared with metamorphism grading to middle amphibolite.

Historical exploration for rare-metals in the Project area focused on the lithium potential of the albite-spodumene-type pegmatites to the east on the adjacent Fairservice property and the emerald potential in the beryl-type pegmatites situated to the west. The former 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 and should not be relied upon. The author did not review the methods of calculating this resource.

The initial discovery of rare-metal 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 to 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.

International Lithium Corp. conducted a continuous reading ground magnetometer survey from September 23 to October 4, 2016 on the Project. The survey was conducted to produce a detailed magnetic anomaly map to interpret the geologic contacts, features and structures on the Project, thereby providing a valuable tool to aid in the drill targeting process. A single grid with N-S oriented lines to maximize right-angle transects across geology was surveyed at a nominal 50 metre line spacing. A total of 59.6 line-kilometres of continuous profiling magnetometer data were collected on two of the Project's mining claims; 4279867 and 4279868 and the western edge of K489140 patented mining lease.

The Mavis West ground magnetic survey produced a detailed magnetic anomaly map east of UTM 523000E, where there was nominal interference by overburden, but west of UTM 523000E the response degrades providing only a rough representation of the underlying geology where a heavier reliance on other surveys, such as lithogeochemical sampling, will be required to establish viable targets.

In conjunction with the ground magnetometer survey, a select lithogeochemical sampling program was conducted from September 28 to October 3, 2016 over a limited area of the Project. A total of 72 samples were collected.

The sampling program was designed as an initial reconnaissance of the pegmatite 'A' and 'B' localities to compare the mineralization of the metavolcanic rocks on the Mavis West property to the metavolcanics hosting the spodumene rich pegmatites on the Fairservice leases adjacent and to the east, in order to ascertain the potential for spodumene bearing high-grade LCT pegmatites on the Project.

The sampling program at Mavis West returned an unusually high percentage of the samples collected reporting significant levels of lithium mineralization. This indicates a continuation onto the Mavis West claims of the strong and broad metasomatic halo that is host to the high grade spodumene bearing pegmatites to the east on the Fairservice Leases.

The lithium mineralization of the mafic metavolcanic rocks on the eastern portion of the Mavis West project returned as good or greater grades relative to the mafic metavolcanics known to host some of the more prominent pegmatites on the adjacent Fairservice Leases, thereby supporting a high prospectivity for the Project and warranting follow-up work to define drill targets.

2. INTRODUCTION AND TERMS OF REFERENCE

This Report has been prepared for International Lithium Corporation of Vancouver, BC, and is presenting work performed on their 100 % owned Mavis West claim group. The report is designed to suit a format for assessment report filing with sections and content partly derived from previous Company assessment reports.

This Report serves to present the historical work, geology, mineralogy, deposit type and includes work performed in the 2016 continuous ground geophysical survey and lithogeochemical sampling program on the Project. The field supervision of the combined exploration program was conducted by Coast Mountain Geological Ltd., a BC registered mineral exploration consulting company in conjunction with International Lithium Corporation.

This Assessment Report is written and produced by Michael Sieb (Project Manager) and Patrick McLaughlin (Project Geologist) utilizing sources of information from reports listed in the References (Section 13.0) and previous Company assessment reports.

2.1 ABBREVIATIONS AND UNITS

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

Table 1: Conversion Factors - ppm rare element to weight % rare element oxide

Weight % rare element	Conversion	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 ppm Nb)	1.431	325 ppm = 0.0325 % x 1.431 = 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)	1.06	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

Table 2: Abbreviations and SI units used in this report

Abbrev.	Long Form	Notes
Be	Beryllium	Alkaline earth
Bi	Bismuth	
Cs	Cesium	Alkali metal
Cs_2O	Cesium Oxide	
Cu	Copper	
K	Potassium	Alkali metal
Li	Lithium	Alkali metal
Li_2CO_3	Lithium Carbonate	
Li2O	Lithium Oxide	
Mo	Molybdenum	
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		
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 equals to 1 troy ounce

km	Kilometre	1 km equals to 0.621371 mile
m	Metre	1 m equals to 3.280 feet
cm	Centimetre	2.54 cm equals to 1 inch
mm	Millimetre	25.4 mm equals to 1 inch
ha	Hectare	1 ha equals to 2.471054 acres
16 ha	16 Hectares=1 claim unit	16 ha equals to 1 claim unit
wt. %	Weight percent	

2.2 GRANITIC PEGMATITE MINERALS

Pegmatite is a common igneous plutonic rock of variable texture and crystal size ranging from a few cm and to 1 m and up in length. The word pegmatite refers to a rock of granite composition consisting of common granite minerals such as quartz, feldspar (K, Na) and micas, and economically important minerals containing Li, Ta, Nb, and REEs, including radioactive ones, together with tin and tungsten (Table 3). Pegmatites also commonly contain pneumatolitic and hydrothermal minerals, such as tourmaline, cassiterite, fluorite, apatite, etc...

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)	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	Fe/Mn,Nb-oxide	$FeNb_2O_6/MnNb_2O_6$
group	Fe/Mn,Ta-oxide	$FeTa_2O_6/MnTa_2O_6$
Feldspars	Na-plagioclase (albite)	$NaAlSi_3O_8$
	K-feldspar (microcline)	$KAlSi_3O_8$
Holmquistite (usually in mafic volcanic host rock)	Li-amphibole	$Li_2(Mg,Fe^{2+})_3Al_2Si_8O_{22}(OH)_2$
Garnet (many varieties)	Fe-garnet (almandine)	$Fe_3Al_2(SiO_4)_3$
	Mn-garnet (spessartine)	$Mn_3Al_2(SiO_4)_3$
	Ca/Mg-garnets	

Mica (many varieties)	Muscovite	$KAl_2(Si_3Al)O_{10}(OH,F)_2$
	Li-mica (Lepidolite)	$K(Li,Al)_3(Si,Al)_4O_{10}(F,OH)_2$
	Biotite	$K(Mg,Fe^{2+})_3(Al,Fe^{3+})Si_3O_{10}(OH,F)_2$
	Mg-biotite (Phlogopite)	$KMg_3(AlSi_3)O_{10}(F,OH)_2$
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 varieties)	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. PROPERTY DESCRIPTION AND LOCATION

The Mavis West Property is located south and west of Mavis Lake straddling the Zealand and Brownridge townships' boundary, approximately 19 km by road to the east-northeast of Dryden, northwestern Ontario. The Project occurs within the Kenora Mining District, as part of the National Topographic System (NTS) map sheet 52F/15E (Figure 1). The Project is centered approximately at 522000mE/5518000mN UTM coordinates (Zone 15N, NAD83).

The Mavis West claim block consists of 3 contiguous unpatented claims (40 claim units), totalling 640 ha (Figure 2 and Table 4). The Company acquired 100 % interest in the Mavis West project in 2016 by staking. The property is subject to an option agreement announced June 22, 2016 ("Mavis Option"), whereby Pioneer Resources ltd. can earn up to an 80% interest in ILC's 100% owned Mavis Lake claims including the Fairservice patented mining leases and subsequently included under a mutual area of interest covenant the 3 Mavis West claims (all combined as the "Mavis Lithium Project").

The key terms of the Mavis Option:

- Pioneer may earn an initial 51% interest in the Project by expending CAN$1.5 million on exploration activities within three years and paying to ILC a total of CAN$375,000 in cash and shares 50/50 over the same three years (the "First Earn-in").
- Following the First Earn-in, ILC will be granted a 1.5% Net Smelter Return royalty ("NSR"), purchasable at any time for CAN$1.5 million.
- Pioneer will then be granted, if they choose, a Second Option where they can earn an additional 29% through expending CAN$8.5 million within seven years (total CAN$10 million over ten years). Thereafter the Parties will contribute on a pro-rata basis. If either Party dilutes to 15% Project Equity, their interest is converted to a 1.5% NSR.

The eastern boundary of the Mavis West project is contiguous with the Company's 100% owned Fairservice patented mining leases. The claims have not been legally surveyed. The Government of Ontario owns the surface rights.

Table 4: Mavis Lake Mining Claims Information

Mining Claim Number	Claim units	Area (ha)	Township	Map Sheet	Effective Date	Anniversary Date	Assessment required ($)
4279866	10	160	Zealand	52F/15E	09/20/2016	09/20/2018	4,000
4279867	14	224	Brownridge	52F/15E	09/20/2016	09/20/2018	5,600
4279868	16	256	Brownridge	52F/15E	09/04/2009	09/04/2017	6,400
TOTAL	**160**	**640**					**16,000**

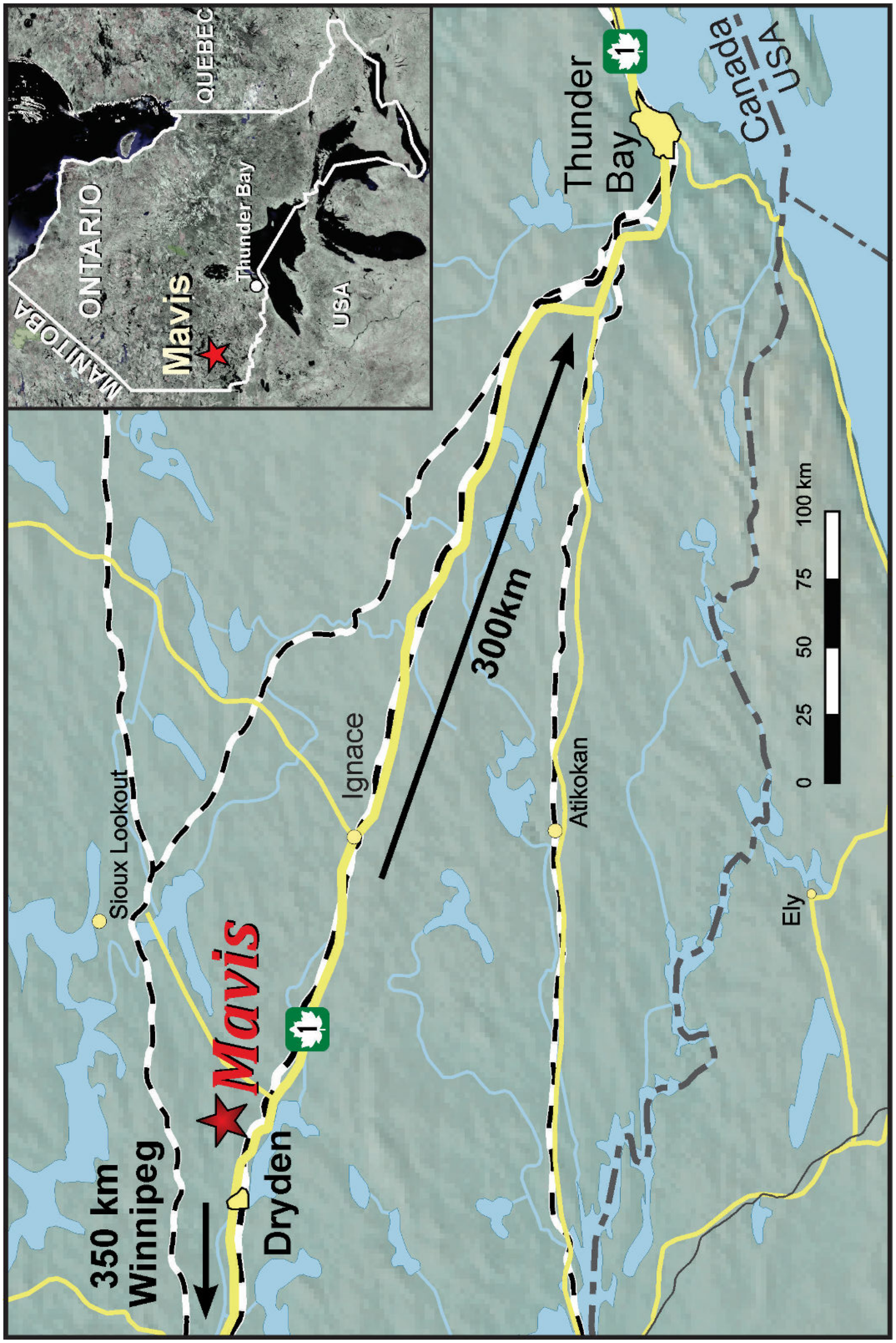


Figure 1: Property Location Map

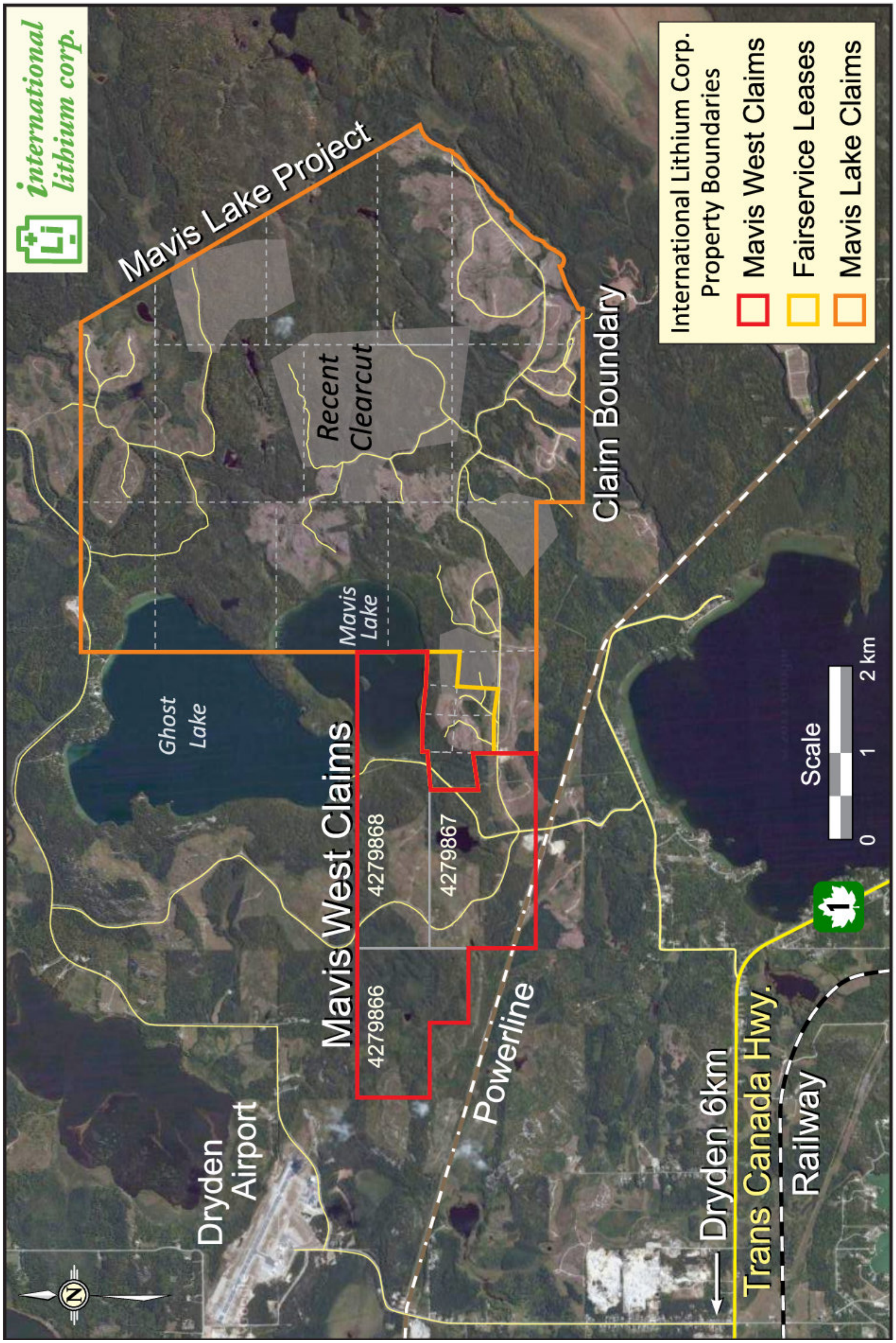


Figure 2: Mavis West Claims and location map

4. ACCESSIBILITY, LOCAL RESOURCES, INFRASTRUCTURE, CLIMATE AND PHYSIOGRAPHY

4.1 ACCESSIBILITY

The Project has excellent road access. The Project 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 8km to its junction with the Thunder Lake Road. On Thunder Lake Road travel is roughly 3km 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 1km marks the southern boundary of the Mavis West claims.

4.2 LOCAL RESOURCES AND INFRASTRUCTURE

The Project is conveniently located 19 km east-northeast of Dryden, which represents the second largest city of 7,617 inhabitants (2011 Census) in the Kenora District of Northwestern Ontario. A general labor force and many goods, accommodations, facilities and modern services are readily available in Dryden. Skilled labor, mining and specialized exploration services and equipment are available from larger cities such as Thunder Bay, Ontario, 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 a few kilometres southwest of the property, from a line, which also supplies power to the city of Dryden. A major railway artery with links to eastern and western Canada and also south to the USA is readily available from Dryden.

4.3 CLIMATE

The Project 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 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 m and annual snowfall ranges between 1.3 to 2.3 m.

4.4 PHYSIOGRAPHY, TOPOGRAPHY AND WILDLIFE

The topography is typical of a Canadian Shield paleo-glacial terrain varying from generally flat low-lying swamps to slightly undulating areas with prominent hills. Elevations range from around 400m along the shores of the lakes to about 450m on ridge crests.

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, fishing and hunting are the major land uses in this region.

5. HISTORY

The Wabigoon Lake region, which hosts the Project, was mapped in the 1940's by the Ontario Department of Mines (Moorhouse 1941, Satterly 1943). Later semi-detailed bedrock mapping was conducted by the government of Ontario in the 1970's and 1980's (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 Mavis West project.

The Project area, predominantly adjacent and to the east of the Project, saw three main periods of mineral exploration:

1. **1955 to 1964**: in the 1950's lithium was the main target, while tungsten and tantalum dominated in the 1960's;
2. **Late 1960's to late 1980's**: tungsten and tantalum were the focus of exploration; and
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 exploration efforts focused on pegmatite-hosted rare metals.

In 1956, **Lun-Echo Gold Mines Ltd.** drilled the area immediately south of Mavis Lake; adjacent and to the east of the Project. From August to September, ten NQ holes were drilled, totalling 873.32 feet (266.19 m), 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 8 of the 10 holes drilled at this time but no assays for rare metal mineralization were reported.

After encountering the pegmatite intersections in the previous drilling program, Lun-Echo Gold Mines Ltd. carried out trenching and another 40-hole diamond drilling program, totalling 1968m, for potential lithium mineralization on the Fairservice mining leases. The drilling program defined lithium mineralization over a strike length of 670 m with lithia (Li_2O) percentage from as low as 0.37 % to a high of 2.76 %.

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

Between 1979 and 1981, **Selco Mining Corporation Limited ("Selco")** carried out geological mapping, lithogeochemical surveys and diamond drilling over an area that extended from the west, south and southeast of Mavis Lake. During June 1979 to September 1980, Selco drilled eight holes, totalling 1153 feet (351.4 m). This drilling delineated the **South** and **Main** pegmatite zones. 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 Ltd (Ontario) in November 1979.

In the early 1980's, **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.

In 1982, **Tantalum Mining Corporation of Canada Limited ("Tanco")** optioned the Fairservice Property; adjacent and to the east of the Project. 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 meta-volcanic 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 meta-volcanics in the Mavis Lake area (Vanstone, 1982).

In June 1982, **Tanco** also completed a detailed lithium litho-geochemical survey to locate, by means of a systematic sampling of the bedrock, blind tantalum-bearing pegmatites. Samples were collected at 25m intervals along chained lines located 50m apart, for a total of 737m. Samples over approximately 37.2 line kilometres 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. 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.

In 2002-2003, **Emerald Field Resources** carried out prospecting, trenching, geological mapping programs and a 4-hole diamond drill program southeast of Mavis Lake for its rare metal (Ta, Cs, and Be), VMS-type base metal (copper-zinc) and Hemlo-style gold mineralization potential (Mowat, 2003).

In 2001 **Houston Lake Mining** carried out an exploration program for rare metals on the Ghost Lake property (Lashbrook 2002), corresponding to the current Mavis West claims, consisting of line cutting, magnetometer and VLF electromagnetic surveys. Houston followed up in 2003 with geological mapping and lithogeochemical sampling (Anthony 2004). The exploration programs revealed a new rare metal zone defined by a strong VLF-EM conductor and prolific intrusions of tourmaline-bearing granites and pegmatites over 2.5km. This zone extends the Holmquistite Zone of Breaks and Janes (1991) across the project area from the Beryl Contact Occurrence to the west Fairservice leases and Mavis Lake claims to the east. Sampling identified anomalous rare metal mineral enrichment with two localities specifically noted requiring follow-up. Locality A consists of a zoned pegmatite or series of pegmatites and locality B contains a large potassic pegmatite; approximately located at 521960mE/5518350mN and 523480mE/5518150mN UTM coordinates (Zone 15N, NAD83) respectively (Figure 3).

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 west on the lapsed property holdings of Emerald Field Resources.

In 2009, **TNR Gold Corp.** reinitialized lithium and rare metals exploration on the Fairservice leases and adjoining Mavis Claims to the south and east of Mavis Lake. The exploration program consisted of a short reconnaissance program from July 25th to 26th, followed up by a detailed month long program in the fall from September 25th to October 27th.

The reconnaissance program consisted of collecting a total of 13 samples, 8 grab and 5 channel, from Pegmatite 18. Assay results 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 m averaged 1.22 wt. % Li_2O, 34.1 ppm Ta_2O_5, 92.2 ppm Cs_2O and 1965 ppm Rb_2O.

The fall 2009 exploration program consisted of grid construction, lithogeochemical sampling, mapping and prospecting in selected areas of the Mavis Lake Property. A total of 11.25 line-kilometres were cut with 100m spacings and oriented perpendicular to the dominant foliation at 130°-310° in the vicinity of Pegmatite 18. A total of 335 lithogeochemistry samples were collected that ranged in 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 meta-volcanic rocks is 16ppm (Breaks 1989). The 2009 fall sampling program extended the lithium dispersion anomaly approximately 1.1 km northeast beyond the 3.4 km long historical anomaly underlying the Mavis Lake and Fairservice properties.

Mapping, prospecting and sampling was carried out on all of the known and newly discovered RVL pegmatites on the Mavis claims. Additionally, Pegmatite 17 was extended 187 m from its previously known length of 33 m to 220 m.

A total of 192 grab and 12 channel samples were collected during the course of mapping and prospecting with values as high as 1.86 and 2.11 wt. % Li_2O in the grabs and the channel samples ranging from 37.4 ppm to 1.7 % Li_2O. A number of pegmatites, in addition to lithium, returned highly anomalous tantalum, cesium and rubidium values. The most significant tantalum oxide (Ta_2O_5) results from Pegmatite 14, 16 and 19 contained 1246 ppm (0.12 wt. %), 1349 ppm (0.14 wt. %) and 593 ppm (0.06 wt. %), respectively. Sample H373758 (Table 9) from Pegmatite 19 contained the highest cesium and rubidium values with 1537 ppm Cs/0.15wt.% Cs_2O and 10,021/1.02wt.%Rb_2O. Pegmatite 14 and 16 contained the highest values of Tantalum with anomalous samples up to 1349ppm and 1246ppm respectively.

In the summer of 2011, **International Lithium Corporation** (a corporate entity created and spun-out from TNR Gold comprising TNR's lithium and rare metals properties) carried out a diamond drilling program that was aimed to confirm historic Li_2O grades and width, and to test the rare metal potential of pegmatites on the Fairservice leases and Mavis Lake claim blocks. The drilling program tested the subsurface expressions of approximately eight pegmatites as well as testing the subsurface continuity along strike and between pegmatite outcrops. During the campaign 20 drill holes were drilled on the Mavis Lake and Fairservice properties, MF-11-01 through MF-11-20, totalling 1753m. Of the 20 drill holes, 17 intersected one or more intervals of pegmatite greater than 2m and up to 78m. The results include 1.86 wt. % Li_2O over 26.25m and 1.22 wt. % Li_2O over 28.45m in hole MF-11-12, 1.83 wt. % Li_2O over 8.25m in MF-11-08, 1.08 wt. % Li_2O over 8.7m in MF-11-13 and 0.93 wt. % Li_2O over 9m in MF-11-16. In addition to encouraging Li_2O results, several holes had significant Tantalum (Ta) intersections.

A follow-up 2,000 meter drilling program was conducted by **International Lithium Corporation** on the Fairservice leases from November 23 to December 20th, 2012 and January 8 to 15, 2013. The objective of the program aimed at defining the continuity of pegmatite bodies along strike and at depth around and between known pegmatite occurrences, delineating the orientation and geometry of some of the larger pegmatite bodies and testing historical lithogeochemical anomalies and Li-migration in the metavolcanic host rocks as vectoring tools for future drill hole targeting. During the drill campaign 19 holes were drilled, MF-12-21 through MF-12-38 and MF-12-15a, totalling 2,072.1m.

All drill holes intercepted pegmatite with notable intersections from hole MF12-24 grading 1.51 wt% Li_2O over 21.4m that includes 9.2m grading 2.37 wt% Li_2O and hole MF-12-28 grading 2.53 wt% Li_2O over 6m. The significant results from the 2012-2013 of Li_2O and Ta are presented in table 15 and table 16, respectively. The exploration campaign was successful in identifying that most of the pegmatites along the main belt in the Fairservice property from Pegmatite #1 through #6 are relatively continuous. The program extended the eastern margins of Pegmatite #4 an additional 65m to a length totalling greater than 200m. The locations of the historic drilling in the Project area are compiled in Figure 4.

From June 10 to July 5, 2016, **International Lithium Corporation** conducted a continuous reading ground magnetometer survey across the Fairservice Leases and Mavis Lake claims; adjacent and to the east of the Project. Two overlapping grids with a nominal line spacing of 50 metres, set at different orientations (north-south and an azimuth of 315°) to maximize right-angle transects across geology were surveyed. A total of 272 line-kilometres of continuous profiling magnetometer data were collected as continuous line segments within each grid and on the lake.

A series of magnetic high lineaments running east-west, curving around Mavis Lake in the southern portion of the survey area correlated well with the mapped geology. It was noted that the Fairservice pegmatites appear to occur on the northern and southern contacts of the most prominent magnetic low band approximately 200 metres south of the lake.

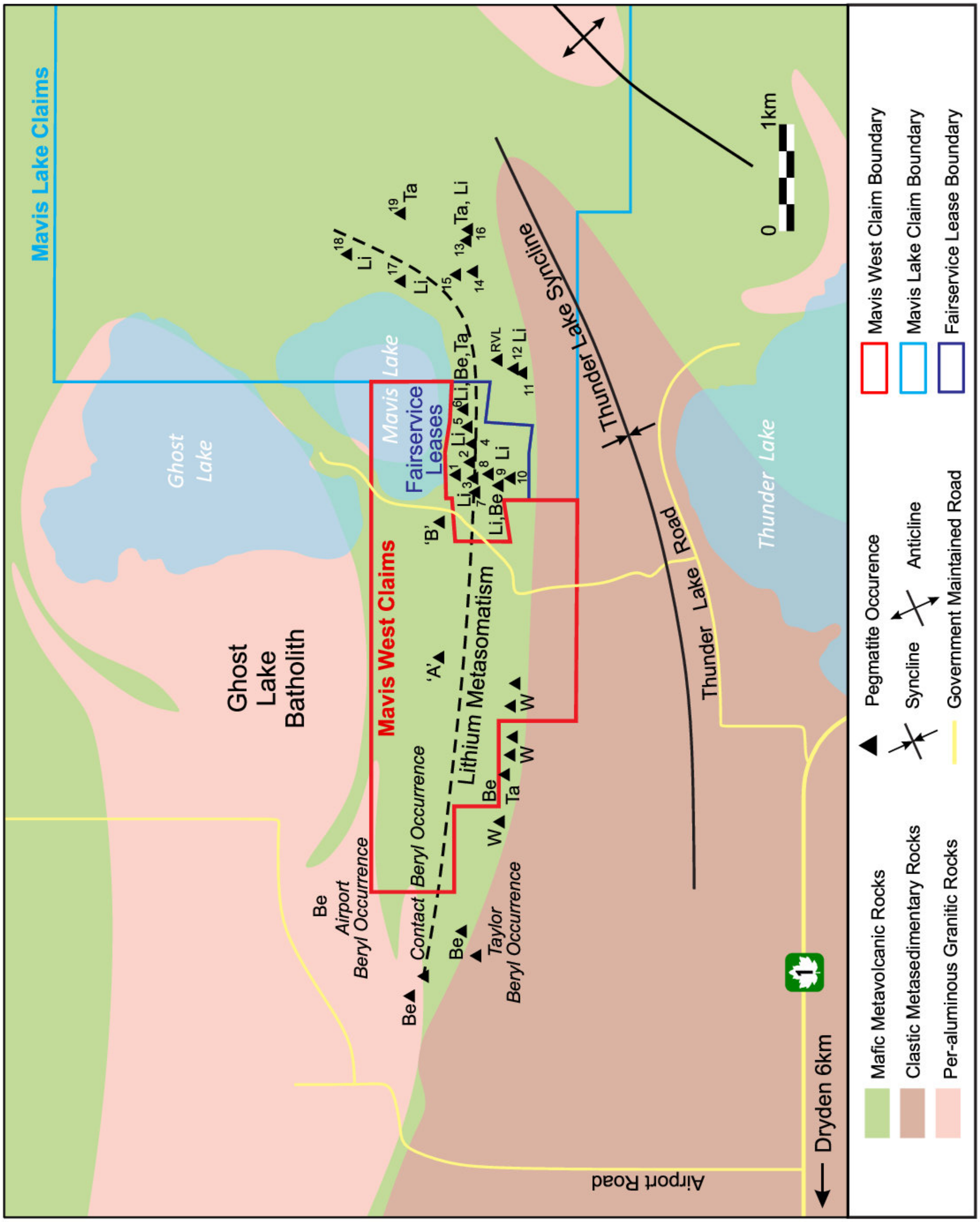


Figure 3: Mavis West area geology and pegmatite occurrences

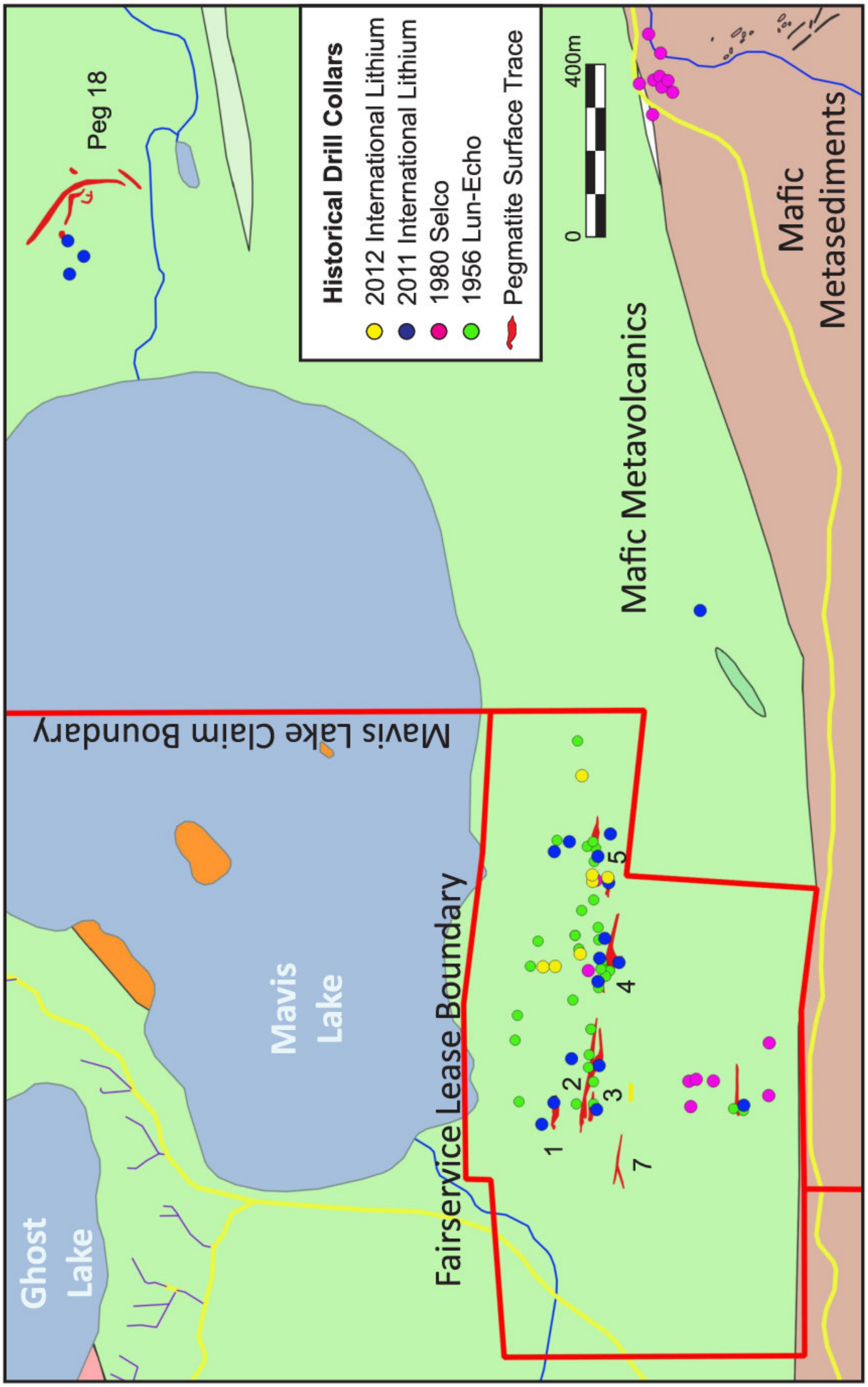


Figure 4: Mavis West historical drilling map

6. GEOLOGICAL SETTING

6.1 REGIONAL GEOLOGY

In the regional context, the Property lies within the Sioux Lookout Domain in the western Wabigoon Subprovince (Figure 5). The Sioux Lookout Domain is constrained 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 meta-sedimentary-dominated English River Subprovince (ERS) to the north and in the south by the meta-sedimentary Quetico Subprovince (QS). The Wabigoon Subprovince (Figure 6) is approximately 900 km long, 150 km wide granite-greenstone terrain and comprises meta-volcanic and subordinate meta-sedimentary 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 Sioux Lookout Domain is interpreted to have developed within a collisional tectonic setting during the Kenoran orogeny (Breaks 1989, Beakhouse 1989, 1991). Features of the Sioux Lookout Domain include:

- inverted stratigraphy and out-of-sequence thrust stacking of meta-volcanic and clastic meta-sedimentary rocks (2733 ± 1 Ma to 2706 ± 2 Ma),
- Abukuma-type metamorphism,
- areas of higher-grade, migmatized clastic meta-sedimentary rocks adjacent to the western contact of the 2685 Ma Ghost Lake batholith, 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) along with other lithophile elements such as Mo, W, Sn, U, Th, etc., contrasting with the adjacent Winnipeg River Subprovince and Wabigoon Subprovince.

The Wabigoon Fault represents a major curvilinear, southwest- to east-northeast trending regional structure, located along the southern contact of the Sioux Lookout Domain, and lies about 4.5 to 5 km south of the Mavis Lake and Fairservice lithium properties.

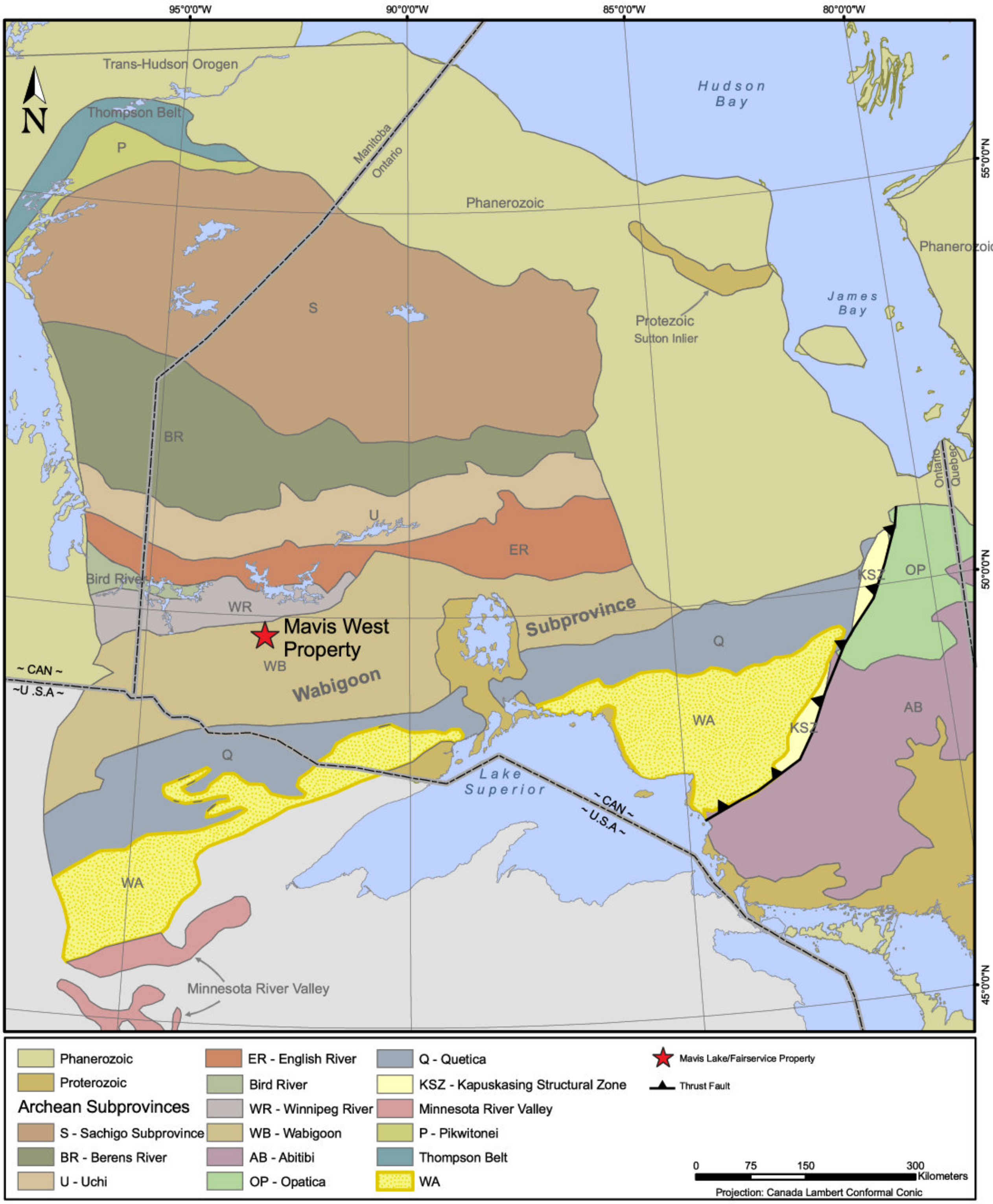


Figure 5: Geological setting of the Mavis West property

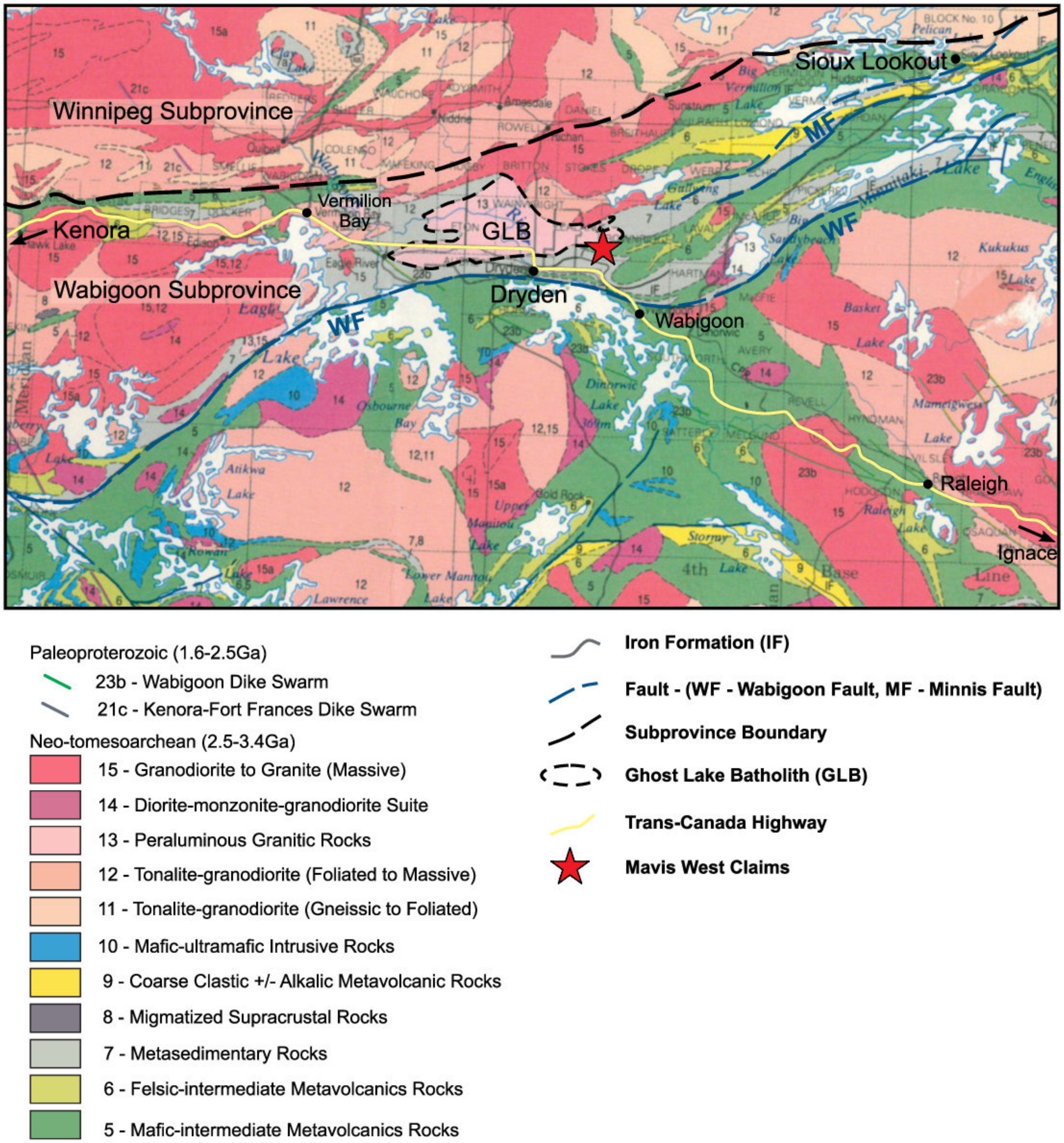


Figure 6: Mavis West regional geology

6.2 LOCAL GEOLOGY

Beakhouse (2001) has subdivided the supracrustal units of the Sioux Lookout Domain, from north to south, into an alternating series of southward facing meta-volcanics and meta-sedimentary rocks (Figure 7). The supracrustal rocks in the Mavis Lake area comprise 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 defining the southernmost portion of the Sioux Lookout Domain.

The Minnitaki and Abram Lake greenstone belts (2745 ± 1 to 2711 Ma) characterize the eastern portion of the Sioux Lookout Domain. 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 meta-sediments 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 meta-sediments within the Mavis Lake area are dominated by wacke with subordinate siltstone strata and have well-preserved primary structures. Structurally overlying meta-volcanic 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 meta-volcanics tends to be variolitic, massive and pillowed mafic flows (Beakhouse,2001).

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 meta-volcanic rocks (crystal tuffs?) are interlayered within sediments. The Thunder Lake meta-volcanics 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 Ma); tonalite-trondhjemite-granodiorite suite (2665 ± 20 Ma); two-mica peraluminous granite - granodiorite suite (2681 ± 20 Ma); biotite granite-granodiorite suite (2560 ± 40 Ma); 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 in the Mavis Lake area (Figure 7). The Ghost Lake Batholith is the largest (80 square km) and most fractionated of any peraluminous granite in the Sioux Lookout Domain with 8 internal, subsolvus granitic and pegmatitic granite units as shown in Figure 8(Breaks and Janes 1991, Breaks et al. 2005).

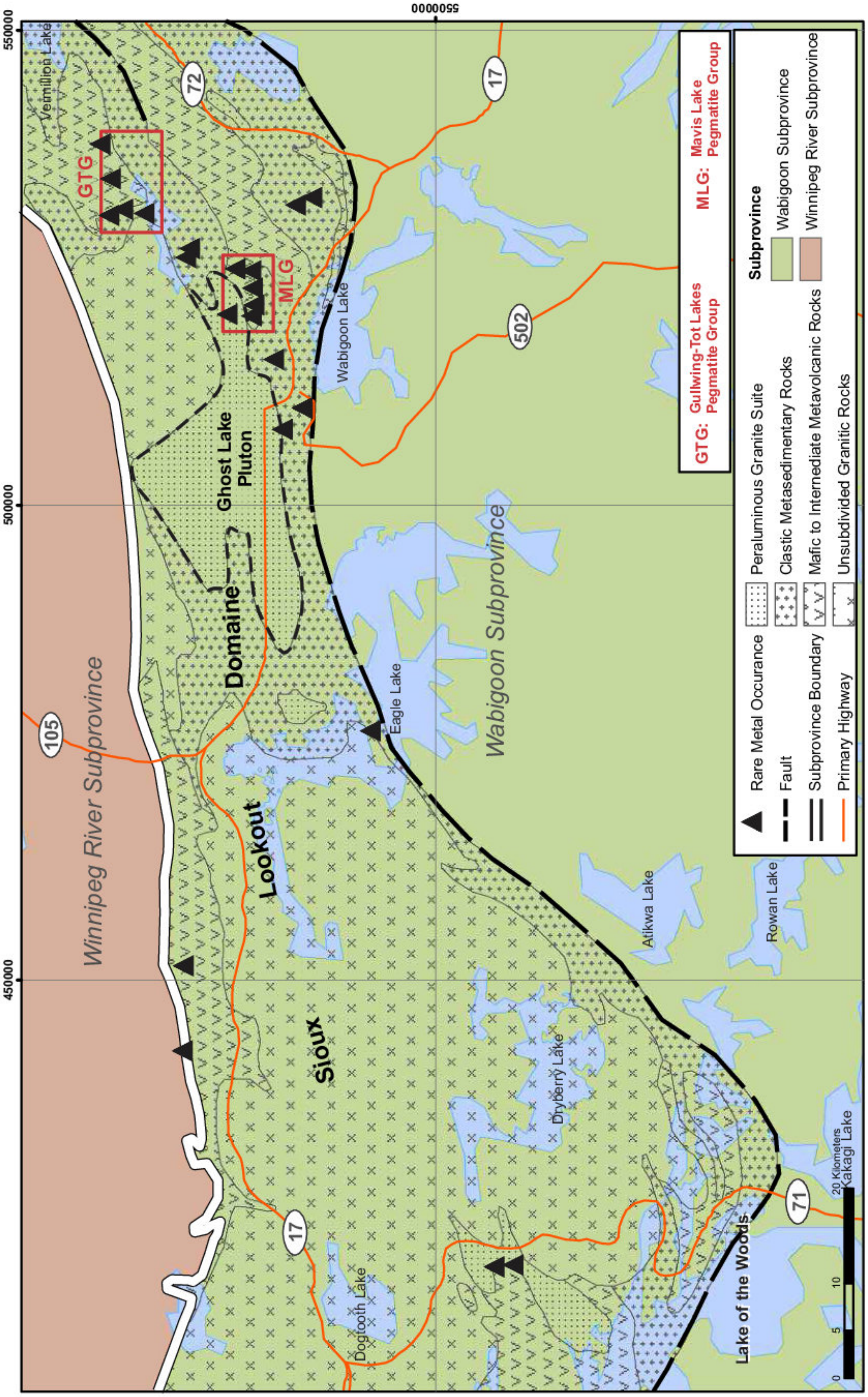


Figure 7: Rare-metal zonation within the Sioux Lookout Domaine, Wabigoon Subprovince

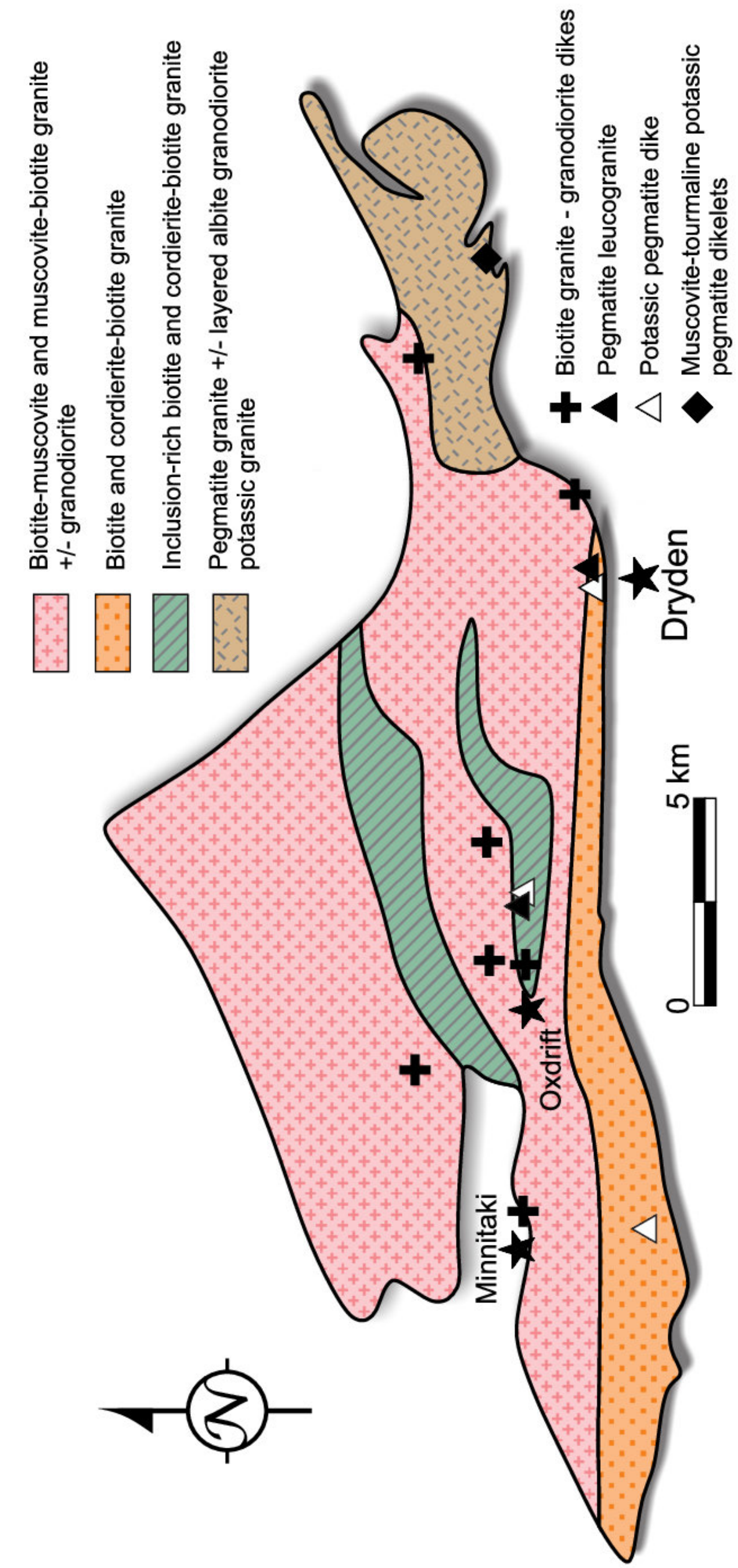


Figure 8: Ghost Lake Batholith internal structure

Structural data between Dryden and Sioux Lookout indicates four stages of deformation. Berger (1990) and Chorlton (1991) identified flat-lying folds (D1) within iron formation units and associated pre-metamorphic axial planar schistosity. A second stage deformation (D2) 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 (D3) 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 (D4) 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.

6.3 PROPERTY GEOLOGY

The Property is located on the north limb of a westerly plunging syncline that lies adjacent to the Thunder Lake anticline (Figure 11, modified from Breaks and Janes 1991). Mafic meta-volcanic and clastic meta-sedimentary 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.

6.3.1 MAFIC META-VOLCANIC ROCKS

Mafic meta-volcanics 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.

6.3.2 INTERMEDIATE TO FELSIC META-VOLCANIC ROCKS

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

6.3.3 CLASTIC META-SEDIMENTARY ROCKS

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

6.3.4 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.

6.3.5 GRANITOID STOCKS

Two small, moderately to weakly peraluminous granodiorite stocks have intruded the supracrustal rocks on the 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 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.

6.3.6 GRANITIC PEGMATITE DIKES

Numerous granitic pegmatite dikes occur within the Mavis Lake pegmatite group, ranging from the less evolved beryl-columbite pegmatites (Taylor No. 1 and 2 pegmatites to the west of the Project; Figure 3) to the more evolved spodumene-beryl-tantalite pegmatites (Fairservice pegmatites to the east of the Project) and eastward through to the albite-rich, tantalum-enriched varieties. The pegmatites are generally found within the mafic meta-volcanic rocks of the Brownridge volcanics. These pegmatites are linked to the Ghost Lake batholith (Breaks 1989) and characterized by an east-trending concentration of rare element-bearing pegmatites and related metasomatic zones.

The adjacent granitic pegmatite bodies on the Fairservice Leases and Mavis Lake Claims exhibit an arcuate east to northeast strike pattern around the southeast corner of Mavis Lake. Recent observations from surface mapping and drill programs indicate that pegmatite dip directions are highly variable from steep to flat lying but generally dip to the north. Tops, determined from pillowed flows, are to the south, indicating that the north limb of the syncline has been overturned.

Houston Mining identified and reported two pegmatite localities of interest during their Fall 2003 geological mapping program (Locality ‘A’ and ‘B’;Figure 3).

Locality A was reported to exhibit the most variation in pegmatite compositions of any area on the property. At this locality a series of pegmatites or, possibly, one large pegmatite body dominates an area of some 100 by 40m. The outer perimeter of the area displays inner pegmatites contacting surrounding amphibolite schist suggesting the inner depression is dominantly pegmatite. Stacked aplites and a quartz-rich core zone occur within an outcrop within the area. Spodumene was tentatively identified based on luster as a grayish mineral within the quartz-rich core zone.

Locality B displays a large potassic pegmatite. This pegmatite was traced over a strike length of 100m and is at least 20m thick. Heavy snows prevented further investigation of this locality.

Further work is required at these two localities in order to adequately categorize the pegmatites and gauge the exploration potential of the area.

7. DEPOSIT TYPES

7.1 GENERAL

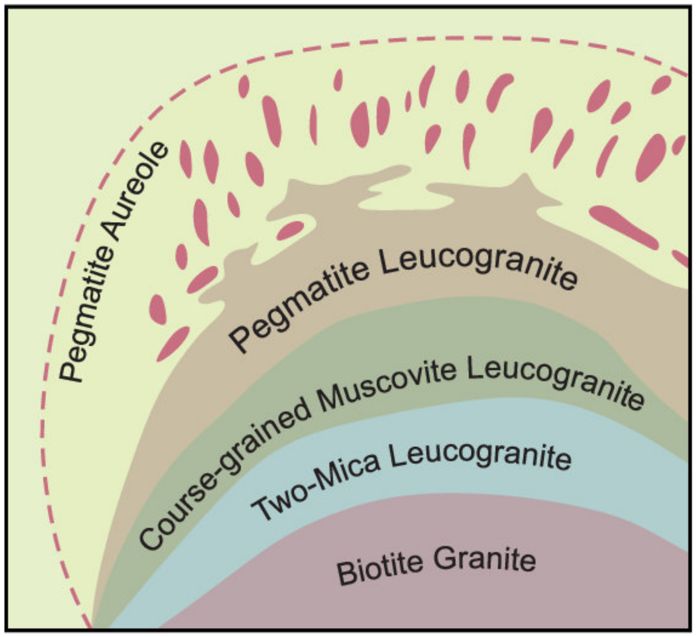
The Superior Geological Province contains more than 200 rare-element pegmatite (also termed rare metal pegmatite) occurrences that are hosted by meta-volcanic (52 %), clastic meta-sedimentary (23 %), peraluminous granite plutons (20 %) and tonalite to granodiorite (5 %) rocks, Breaks et al. 2005). Genetically, 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 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

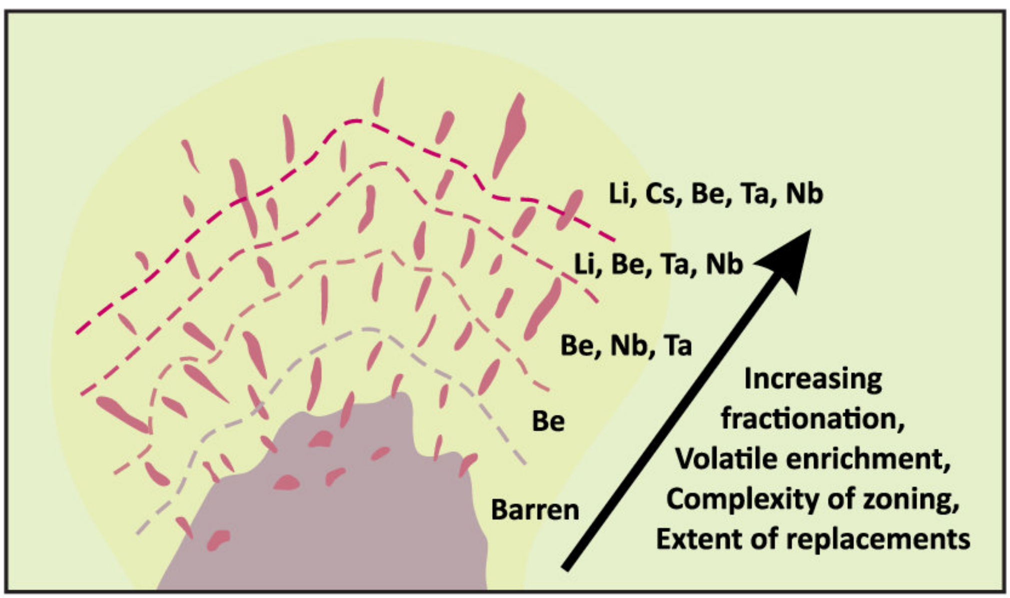
Pegmatite is a common plutonic rock of variable texture and coarseness that is composed of interlocking crystals of widely different sizes. They are formed by fractional crystallization of an incompatible element-enriched granitic melt. Several factors control whether or not barren granite will fractionate to produce a fertile granite melt (Figure 9, 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 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



a) Schematic representation of regional zonation in a fertile granite (outward-fractionated) with an aureole of exterior of lithium pegmatites



b) Schematic representation of regional zoning in a cogenetic parent granite + pegmatite group. Pegmatites increase in degree of evolution with increasing distance from the parent granite.

Cerny 1991, Breaks et al 2003

Figure 9: Regional zoning in fertile granites

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

The following geological settings of the fertile granites and related pegmatite dikes have been observed within the Superior Province (Figure 10, Breaks and Osmani 1989; Breaks et al. 2005) and include:

- peraluminous, S-type and pegmatite granites typically occurring along or near the boundaries of high-grade (amphibolite to granulite facies), and,
- meta-sedimentary-dominant subprovinces such as the English River, Quetico and Opatica, and,
- fertile, S-type granites situated within medium-grade (greenschist to amphibolite facies) rocks hosted within the Wabigoon Subprovince adjacent to high-grade Winnipeg River and English River subprovinces (e.g., Dryden Pegmatite Field, Separation Rapids Pegmatite Group and Aubrey pegmatites in the Armstrong Field), and,
- rare metal pegmatites and their parental granites occurring along faulted subprovince boundaries (e.g., "Pakeagama Pegmatite Group" along the 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), and,
- 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 Winnipeg River to the north and the greenstone-granite Wabigoon Subprovince 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 meta-volcanic and meta-sedimentary assemblages, ranging in age from 2733±1 to 2703±2 Ma;
2. wide range in metamorphic grade - low to high grade;
3. zones of meta-sedimentary migmatite;
4. two-mica, peraluminous granite plutons distributed over 150 km; and
5. distinctive metallogeny relative to the adjacent Wabigoon Subprovince and Winnipeg River featured by widespread lithophile metal enrichment which is in addition to rare-metal pegmatites.

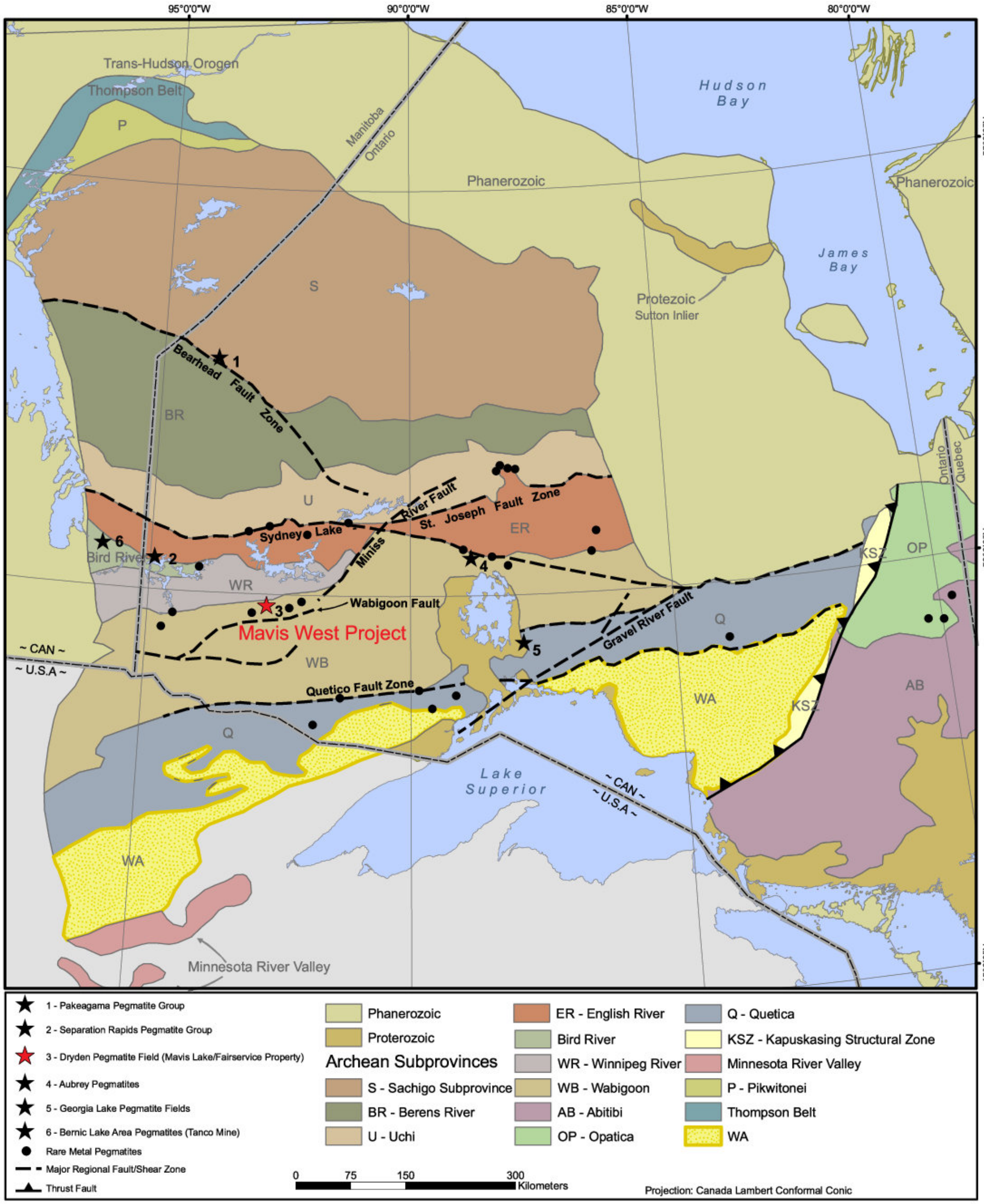


Figure 10: Rare-metal pegmatite occurrences within the Superior Province

7.4 LOCAL SETTING

Pegmatites of the Dryden area were initially described and named by Mulligan (1965) as the Dryden Pegmatite Field. The Dryden Pegmatite Field has been subdivided into two distinct pegmatite populations (Figure 7, Breaks 1989, Breaks and Janes 1991, Breaks et al. 2003, 2004):

1. Mavis Lake Pegmatite Group, and,
2. Gullwing Lake-Tot Lake Pegmatite Group

These two groups are approximately 10 km apart. The Mavis Lake Pegmatite Group is linked genetically with the Ghost Lake Batholith (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 Mavis Lake Pegmatite Group and Gullwing Lake-Tot Lake Pegmatite Group are hosted within amphibolitized mafic meta-volcanic rocks, they differ in their respective structural settings and development processes. The Gullwing Lake-Tot Lake Pegmatite Group is a post-tectonic of unknown 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 Mavis Lake Pegmatite Group are the main objective of the current study, the dikes of this group are only discussed in this report. Detailed descriptions of the Gullwing Lake-Tot Lake Pegmatite Group 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 Mavis Lake Pegmatite Group 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 GLB contact (Breaks and Janes 1991). However, those pegmatites (albite-type) that are located in the outermost zone of the Mavis Lake Pegmatite Group are thought to postdate the tectonic deformation as evident by their discordant emplacement and lack of ductile deformational features.

7.5 MAVIS WEST PROPERTY DEPOSIT MODEL

Rare-element pegmatites of the Dryden Pegmatite Group, as discussed in the preceding sections, are spatially and genetically linked with the peraluminous, S-type Ghost Lake batholith (Breaks 1989, Breaks and Janes 1991, Breaks and Moore 1992, Breaks et al. 2003 and 2005), of which the extreme eastern end is located east of Mavis Lake (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 meta-sedimentary rocks within the Sioux Lookout Domain.

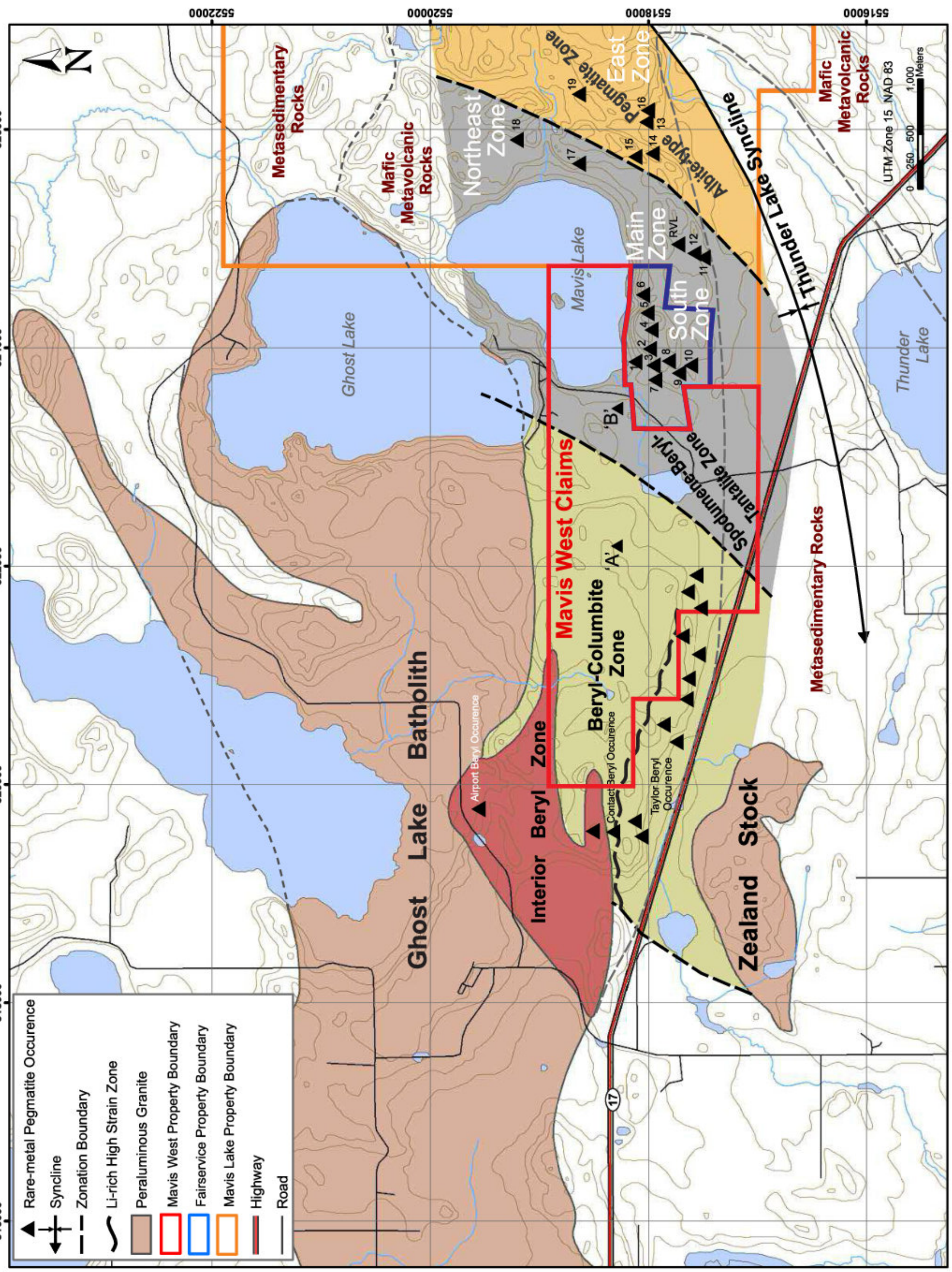


Figure 11: Regional Zonation of pegmatite types within the Dryden pegmaitte field

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 Mavis Lake and Fairservice properties and adjacent areas are related both spatially and genetically to this pegmatitic eastern lobe of the Ghost Lake Batholith.

The Dryden Pegmatite Group consists of an 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 Ghost Lake Batholith, as defined by systematic changes in mineralogy, chemical association and extent of post magmatic replacement (Figure 11). With increasing distance east from the Ghost Lake Batholith, 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)], and,
2. Beryl-columbite zone [(Be-B-Nb>Ta-P- (Cs)], and,
3. Spodumene-beryl-tantalite zone (Li-Rb-Be-Ta>Nb-B), and,
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 Ghost Lake Batholith (Figure 11). This zone resides within the eastern lobe of the Ghost Lake Batholith and is characterized by sporadic green primary beryl in potassic pegmatite dykes and masses.

The beryl-columbite zone occurs within mafic meta-volcanic country rocks adjacent to contact of the batholith. The rare-metal mineralization occurs in muscovite-tourmaline potassic pegmatites (e.g., Taylor 1 and Taylor 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 Ghost Lake Batholith contact. Within this zone, a swarm of spodumene-enriched pegmatites 1 to 19, plus the RVL pegmatite, extends easterly from the adjacent Fairservice mining leases onto the Mavis Lake mining claims (Figure 11). It is cautioned that rare-metal pegmatites of the Dryden Pegmatite Field individually vary in terms of pegmatite type, modal mineralogy, grain size, internal zonation of rock units and Li_2O content. Therefore the lithium mineralization at the Project may or may not compare with other lithium pegmatites of the area.

Albite-type pegmatite zone represents the distal zone, in which the pegmatites comprise less than 1.0 m 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 highly evolved compositions of tourmaline.

The rare metal pegmatites on the Mavis Lake and Fairservice properties to the east occur in a swarm of flat lying to near vertical dikes hosted within mafic meta-volcanic 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.

Pegmatites within the Project area correlate with a substantial lithium lithogeochemical anomaly within the mafic metavolcanic host rocks up to 700 m wide. This anomaly was extended by TNR Gold Corp., during their 2009 exploration program, an additional 1.1km to the northeast past Pegmatite 18.

8. MINERALIZATION

The 10 by 30 km area within the eastern Sioux Lookout Domain which is host to numerous rare metal pegmatites in the Dryden area is known as the Dryden Pegmatite Field (Mulligan 1965) (Figure 7). The Dryden Pegmatite Field is populated by two distinct pegmatite clusters (Breaks and Janes 1991) that occur roughly 10 km apart:

1. Mavis Lake Pegmatite Group in the Mavis Lake-Fairservice area, with a 2665 ± 10 Ma age (Smith 2001), and,
2. Gullwing Lake-Tot Lake Pegmatite Group in the Gullwing Lake and Tot Lake areas of unknown mineralization age.

Rare-metal mineralization (e.g., lithium, tantalum, cesium, and rubidium) in the Project area occurs in granitic pegmatite, sodic aplite and albitite dikes, which are typically hosted in mafic meta-volcanic rocks. These pegmatite dikes are genetically related to the Ghost Lake Batholith, a parent peraluminous, S-type granite that lies adjacent and to the north and west of the Mavis West mining claims. The characteristic economic minerals associated with rare metal mineralization within this pegmatite field are spodumene (Photo 1), tantalite-columbite (Photo 2) and tourmaline. An additional lithium bearing exomorphic mineral, Holmquistite that occurs in the metasomatic halos in the adjacent host rocks (Photo 3).

8.1 FAIRSERVICE AND MAVIS LAKE PEGMATITES

The 20 known pegmatites of the adjacent Mavis Lake and Fairservice properties, 1 through 19 and RVL (Figure 11), represent a mix of albite-spodumene-type, albite-type and complex type dikes (Breaks et al., 2003). Geochemically, all of these are classified as LCT-type pegmatites (Cerny 1991), however, pegmatites 11, 12, 17 and 18 are further classified as albite-spodumene-type (spodumene-beryl-tantalite zone), and Pegmatites 13 to 16 and 19 are classified as albite-type.

Photo 1: Light green blades of spodumene crystals interlocked with light pink to grey feldspar (Pegmatite 18).

Photo 2: Small black/brown crystals of columbite/tantalite group minerals that are commonly associated with aplitic zones (Mavis Lake property).

Photo 3: Blue/dark blue holmquistite bearing veins within meta-volcanic host rock adjacent to a pegmatite body (Fairservice leases).

The spodumene-beryl-tantalite zone is defined by the initial appearance of spodumene in pegmatites of the albite-spodumene-type (Cerny, 1991), which is located about 3.5 km from the Ghost Lake Batholith contact with the mafic (Brownridge) meta-volcanics (Breaks and Janes 1991). Swarms of tabular pegmatites dikes, up to 15 m in thickness and 280 m in length, generally strike parallel to the foliation in the host rock. Pegmatite bodies on the Mavis Claims have less identifiable or developed zoning when compared to pegmatites on the adjacent Fairservice Claims. Pegmatite 1 on the adjacent Fairservice Claims contains three gradational zones of increasing quartz content: (a) potassic pegmatite with minor interstitial spodumene and quartz, (b) spodumene-quartz-rich pegmatite, and (c) a discontinuous quartz-rich 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.

Intense tourmaline replacement of underlying massive mafic meta-volcanics 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-echelons, stacked pegmatite sheets that strike 135° 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 meta-volcanic 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.

8.2 MAVIS WEST PEGMATITES

In 2003 Houston Lake Mining carried out a geological mapping and lithogeochemical sampling program for rare metals on the Ghost Lake property (Anthony 2004), corresponding to the current Mavis West claims.

Tourmaline-bearing pegmatites are relatively common on the property and occur throughout the volcanic pile. The area around the Houston Lake Mining base line reported the highest concentration of pegmatites. They may occur as small pods or lenses (several cm in width) which crosscut the foliation in amphibolite schist. They may form large segregations within granite or be found without. The pegmatites also form large bodies tens of metres across which appear concordant to the foliation.

Locality A, approximately located at 521960mE/5518350mN (UTM coordinates Zone 15N NAD83; Figure 3), exhibits the most variation in pegmatite compositions of any area on the property and consists of a zoned pegmatite or series of pegmatites dominating an area of some 100 by 40m. Stacked aplites and a quartz-rich core zone occur within an outcrop within the area and Spodumene is tentatively identified based on luster as a grayish mineral within the quartz-rich core zone.

Locality B, approximately located at 523480mE/5518150mN, displays a large potassic pegmatite. This pegmatite was traced over a strike length of 100m and is at least 20m thick. Heavy snows prevented Houston Lake Mining further investigation of this locality.

9. 2016 EXPLORATION PROGRAM

9.1 Lithogeochemical Sampling Program

International Lithium Corp. conducted a Lithogeochemical sampling program from September 28 to October 3, 2016 over a limited area of the Project (Figure 12). The field component of the survey program was performed by Coast Mountain Geological geologists and technicians.

When rare-metal pegmatites are emplaced, the host rocks adjacent to the pegmatite may be enriched by the associated fluids forming a rare-metals' dispersion halo around the pegmatite body. Normally the extent of the rare-metal alteration halo is within a few meters of the pegmatite, whereas it has been reported that the pegmatite belt at the Fairservice / Mavis Lake property exhibits alteration halos on the order of tens of metres wide denoting an intense mineralizing system.

Previous exploration programs performed on the Fairservice / Mavis Lake property by International Lithium Corp. and prior operators have successfully discovered spodumene bearing high-grade Lithium-Caesium-Tantalum ("LCT") pegmatites within the core of these anomalous bands.

The sampling program was designed as an initial reconnaissance of the pegmatite 'A' and 'B' localities to compare the mineralization of the metavolcanic rocks on the Mavis West property to the metavolcanics hosting the spodumene rich pegmatites on the Fairservice leases adjacent and to the east, in order to ascertain the potential for spodumene bearing high-grade LCT pegmatites on the Project.

9.1.1 Sampling Program Design and Implementation

A proposed grid totalling 4.5 line kilometres was designed for the 2016 lithogeochemical sampling program at Mavis West (Figure 12). Adjacent lines were set at 100m spacings and sample spacing was set at 25 or 50 metre stations depending on locality.

Lines L521775, L521875 and L521975 were gridded around Pegmatite Locality 'A' with sample spacing set at 25-metre stations.

Lines L523325, L523425 and L523525 were gridded around Pegmatite Locality 'B' with sample spacing set at 25-metre stations.

Lines L523275, L523375, L523475 and L523575 were gridded along trend and to the west of the southern anomalous lithogeochemical band hosting the Fairservice pegmatites 8, 9 and 10. Sample spacing was set at 25-metre stations.

Lines L522475 and L522975 were designed as long regional sampling lines transecting the various observed pegmatite or lithogeochemical anomaly trends: i) Mavis West Pegmatites 'A' and 'B', ii) the Main Fairservice pegmatite trend (Pegmatites 1-7); and iii) the Southern Fairservice pegmatite trend (Pegmatites 8, 9 and 10). Sample spacing was set at 50-metre stations along the lines.

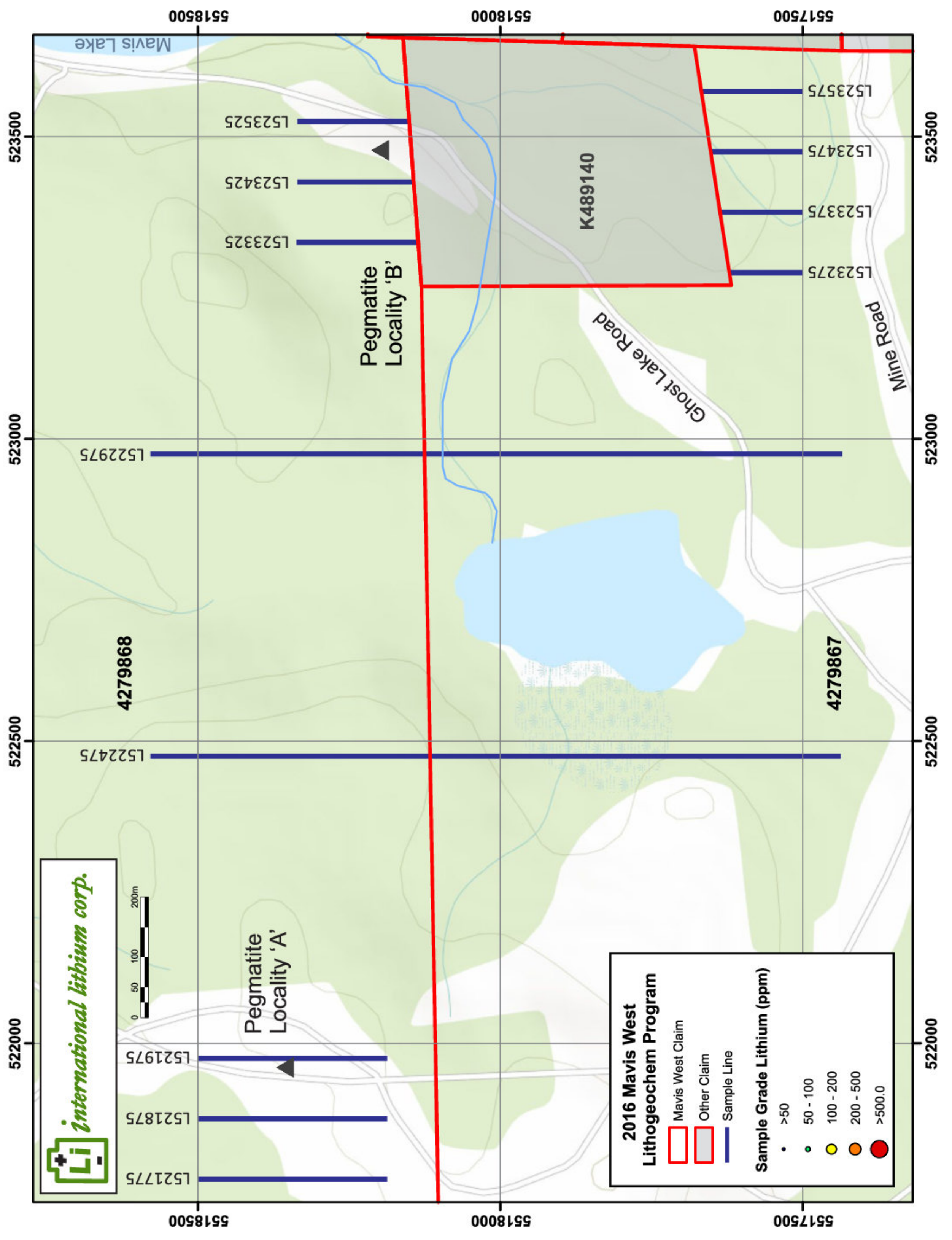


Figure 12: Mavis West lithogeochemistry sample lines

Approximately 130 lithogeochemical samples were budgeted for the sampling grid. A total of 72 samples were collected representing an approximate success rate of 55% for the occurrence of outcrop within a reasonable area from a proposed sampling station.

Sampling methodology was to randomly collect and amalgamate multiple chips from an approximate 1-2 metre area of an outcrop into the sample rather than a single point source. The rationale is to collect a more representative and indicative grade for the outcrop by smoothing out a potentially spurious peak grade that may result from a single point source.

9.1.2 Sampling Program Results

Lithium and, to a lesser extent, other rare-element values/anomalies developed in metavolcanic host rocks that have a metasomatic imprint due to rare-element pegmatite emplacement are utilized as an exploration tool for finding hidden or blind pegmatites (Černý 1989b). The basis for this theory is that when a rare-metal pegmatite melt intrudes a country rock, rare-element enriched fluids exchange with components in the country rock and result in chemical alteration of the host rock called a metasomatic or dispersion halo enriched in highly mobile alkali elements (i.e., Li, Rb, Cs).

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 the primary element for vectoring.

The sampling program at Mavis West returned an unusually high percentage of the samples collected reporting significant levels of lithium mineralization Figure 13 and Table 5). This denotes a strong and broad metasomatism of the host rocks throughout the sample area.

Table 5: Mavis West Lithogeochemical Samples Lithium Distribution

Grade	Samples	
Li (ppm)	Frequency	Percentage
> 100	58	81%
> 200	41	57%
> 500	7	10%
>1000	2	3%

The highest and most consistently high lithium grade concentration of samples occurred on the sample lines south of Fairservice Lease K489140 (Table 6). All the samples were mapped as mafic volcanic and there were no pegmatites observed in the sample area.

The ten sample cluster all returned values greater than 200ppm Li with two reporting grades greater than 1000ppm Li. The reported lithium mineralization in this area is as good or greater relative to the mafic volcanics known to host some of the more prominent pegmatites on the adjacent Fairservice Leases. This 10 sample cluster is roughly on trend with and 200 metres west of pegmatite #9 and #10 on the adjacent Fairservice Leases. This highly anomalous trend is highly prospective for the discovery of a hidden or buried pegmatite in the immediate vicinity and remains open to the west.

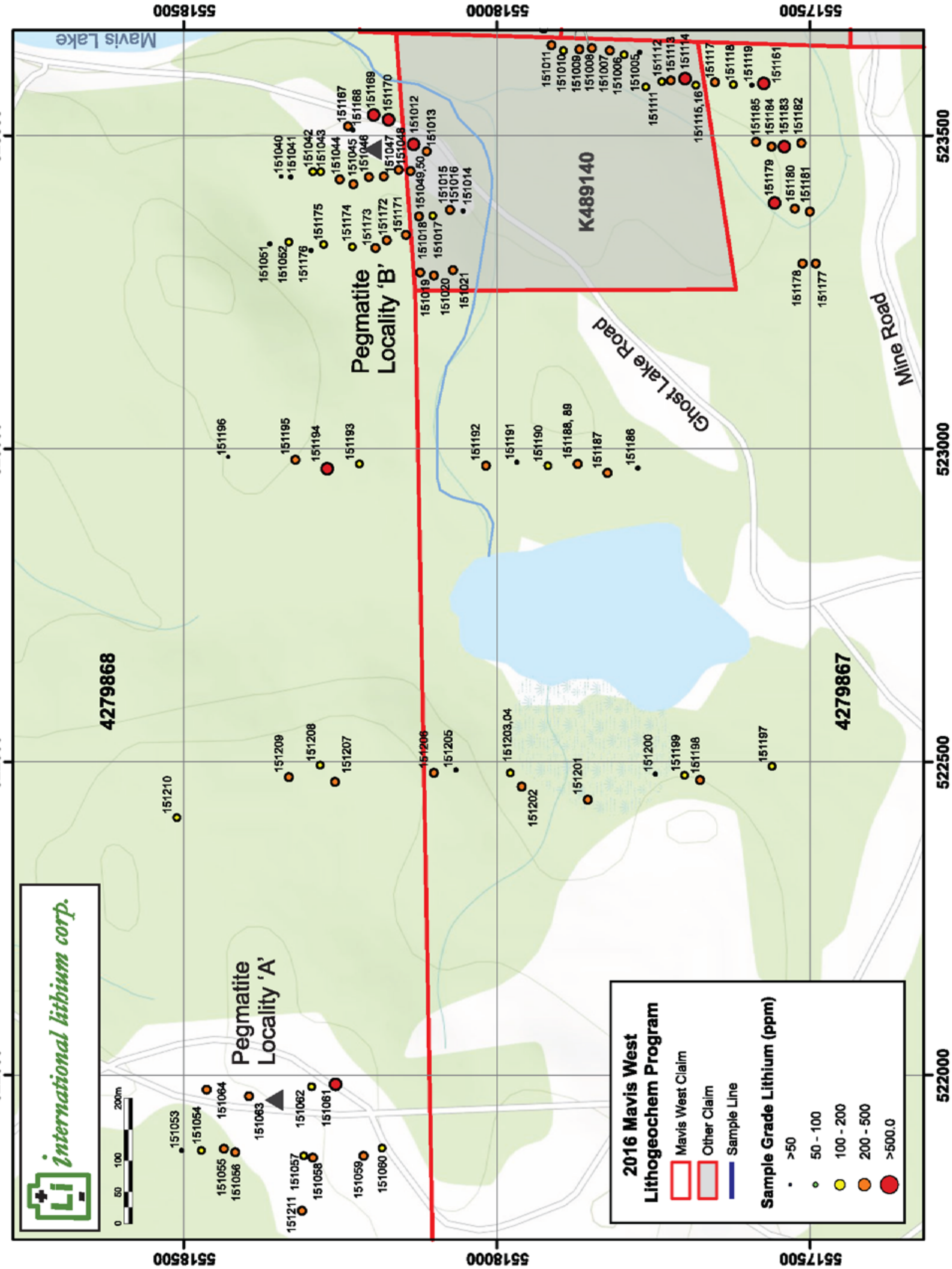


Figure 13: 2016 Lithogeochemical sample location and result thresholds

Table 6: Mavis West Cluster of High Lithium Lithogeochemical Samples South of Fairservice Lease K489140

Sample	UTM_X	UTM_Y	B	Be	Cs	Li	Nb	Rb	Ta
151161	523583	5517573	130	< 3	271.0	883	9.2	152.0	0.4
151177	523295	5517490	< 10	< 3	279.0	343	11.0	190.0	0.5
151178	523296	5517511	3210	106	14.5	284	20.4	56.8	18.5
151179	523388	5517555	20	< 3	99.2	1350	11.6	195.0	1.0
151180	523383	5517524	< 10	< 3	3.6	468	8.8	6.9	0.4
151181	523379	5517500	190	< 3	4.8	241	12.5	7.2	0.6
151182	523488	5517513	20	< 3	18.3	202	10.8	25.6	0.5
151183	523484	5517541	30	< 3	14.3	1230	7.2	16.8	0.4
151184	523483	5517561	1240	< 3	448.0	452	8.0	305.0	0.3
151185	523490	5517586	110	< 3	85.6	226	8.6	129.0	0.3

It was anticipated that samples collected around Pegmatite Locality ‘B’ would return anomalous levels of lithium in the mafic volcanic rocks (Table 7), since there is a large potassic pegmatite historically traced over a strike length of 100m and at least 20m thick at this location.

Table 7: Mavis West Cluster of High Lithium Lithogeochemical Samples at Locality ‘B’

Sample	UTM_X	UTM_Y	B	Be	Cs	Li	Nb	Rb	Ta
151044	523430	5518250	110	< 3	328.0	487	4.9	179.0	0.2
151045	523423	5518228	< 10	< 3	7.8	281	< 2.4	18.2	< 0.2
151046	523434	5518204	< 10	< 3	9.7	483	6.3	22.2	< 0.2
151047	523435	5518180	< 10	< 3	131.0	399	7.6	284.0	< 0.2
151048	523445	5518156	< 10	< 3	8.1	212	7.2	26.1	< 0.2
151167	523515	5518237	< 10	< 3	1.7	375	3.4	4.5	< 0.2
151168*	523509	5518230	30	372	24.3	60	89.2	469.0	131.0
151169	523533	5518196	270	4	653.0	836	6.9	929.0	0.4
151170	523525	5518172	2650	4	91.2	507	6.1	49.6	0.3
151171	523341	5518145	50	< 3	24.1	318	6.8	79.9	0.3
151172	523333	5518175	< 10	< 3	10.8	328	4.8	19.8	< 0.2
151173	523321	5518193	< 10	< 3	77.6	407	10.5	92.9	0.5
151174	523322	5518231	< 10	< 3	1.0	105	2.8	1.8	< 0.2

* Pegmatite sample

Locality ‘B’ is situated approximately 250 metres north of the east-west trend formed by pegmatites #1-7 on the adjacent Fairservice Leases to the east. This is of special interest, separate to its inherent high prospectivity, since this locality is offset from the well-defined trends of the pegmatites on the adjacent

Fairservice Leases, thereby potentially providing additional critical details regarding the pegmatite emplacement in the area and target development.

Of note the highest lithium grade samples (samples 151169 and 151170) are on the eastern edge of this sample cluster. There is a broad 'no outcrop' 250 metre wide NE-SW swathe east of this sample cluster that coincides with an apparent structural lineament (further discussed below in the Ground Magnetic Survey section) which may provide a preferable setting for emplacement of a sizable pegmatite. Further work is required in this locality to ascertain target prospectivity.

Pegmatite Locality 'A' returned a notable cluster of samples significantly anomalous in lithium mineralization (Table 7). Locality 'A' exhibits the most variation in pegmatite compositions of any area on the property and consists of a zoned pegmatite or series of pegmatites dominating an area of some 100 by 40m (Houston Lake Mining Inc. Assessment Report; Anthony 2004). The vast majority of samples returned values greater than 200ppm Lithium over a broad 200m x 400m area.

Table 8: Mavis West Cluster of High Lithium Lithogeochemical Samples at Locality 'A'

Sample	UTM_X	UTM_Y	B	Be	Cs	Li	Nb	Rb	Ta
151053	521880	5518502	90	< 3	24.2	68	< 2.4	30.7	< 0.2
151054	521880	5518471	< 10	4	6.8	116	2.8	16.6	< 0.2
151055	521882	5518435	< 10	< 3	0.3	403	6.0	11.2	< 0.2
151056	521877	5518417	10	< 3	1.8	335	3.0	34.2	< 0.2
151057	521871	5518307	< 10	< 3	0.7	195	2.8	6.2	< 0.2
151058	521868	5518294	< 10	4	37.9	450	5.0	121.0	< 0.2
151059	521871	5518212	< 10	< 3	1.7	283	11.2	11.3	0.2
151060	521883	5518183	10	< 3	0.7	107	7.3	25.6	< 0.2
151061	521985	5518257	< 10	< 3	59.1	545	4.0	181.0	< 0.2
151062	521981	5518295	10	< 3	2.6	158	3.7	87.2	< 0.2
151063	521966	5518395	30	< 3	5.4	201	2.8	160.0	< 0.2
151064	521976	5518463	< 10	< 3	79.5	328	6.5	258.0	< 0.2
151211	521784	5518310	< 10	< 3	1.4	277	3.5	10.1	< 0.2

The two long N-S sample lines (lines L522475 and L522975) showed the most variation in lithium grade. This is to be expected as the lines transect a series of lithium mineralized bands.

The lines broad spacing and higher percentage 'no outcrop' areas make specific interpretation difficult, however the highly anomalous lithium values in the host rocks do support the continuation of the metasomatic halos known to host pegmatites.

The results from the 2016 lithogeochemical sampling program certainly support a high prospectivity for the Project area and warrant follow-up work to further define the known pegmatite localities as well as refine drill targets.

9.1.3 LITHOGEOHEMISTRY SAMPLING PROTOCOLS AND ANALYTICAL LAB PROCEDURES

Approximately 0.3-0.5 Kg sample of bedrock was collected as a point sample from each site. CMG technical field crews comprising P.McLaughlin (supervisor), J. Lewis (Sr. Technician) and D.Mackay (Geologist) conducted the sampling with the support of local help from Wabigoon Lake Ojibway Nation ("WLON"). Great care and diligence was taken to collect a fresh sample absent of any veining or weathering from the station or outcrop. Any exceptions to these procedures were captured in the comments. Sampling site location information was collected using a Garmin 60cs handheld GPS unit and a fragment of the sampled material was wrapped in flagging with the sample number written on it and placed at the site and another string of flagging was hung from the nearest branch.

Bedrock samples were bagged and delivered in person to the Activation Labs Dyrden prep facility and where prepared using the RX-1 package which includes crushing to 90% passing 2mm, riffle split (250g), pulverizing (mild steel) to 95% passing 105µ. Due to the refractory habit of pegmatite mineral assemblages an aggressive Sodium Peroxide fusion digestion combined with an ICP and ICP-MS in Actlabs UT-7 package (Table 9).Samples above the upper detection limit of 10000pm Li were further analyzed using and ore-grade Code 8 digestion and ICP-OES finish.

Table 9: Activation Lans UT-7 package elements and detection limits

Element	Detection Limit	Upper Limit	Reported By		Element	Detection Limit	Upper Limit	Reported By
Al	0.01%	25%	ICP		Mo	1	10,000	ICP/MS
As	5	10,000	ICP/MS		Nb	2.4	5,000	ICP/MS
B	10	10,000	ICP/MS		Nd	0.4	5,000	ICP/MS
Ba	3	10,000	ICP/MS		Ni	10	10,000	ICP/MS
Be	3	5,000	ICP/MS		Pb	0.8	5,000	ICP/MS
Bi	2	5,000	ICP/MS		Pr	0.1	1,000	ICP/MS
Ca	0.01%	40%	ICP		Rb	0.4	5,000	ICP/MS
Cd	2	5,000	ICP/MS		S	0.01%	25%	ICP
Ce	0.8	5,000	ICP/MS		Sb	2	5,000	ICP/MS
Co	0.2	5,000	ICP/MS		Se	0.8	5,000	ICP/MS
Cr	30	10,000	ICP/MS		Si	0.01%	30%	ICP
Cs	0.1	5,000	ICP/MS		Sm	0.1	1,000	ICP/MS
Cu	2	10,000	ICP/MS		Sn	0.5	10,000	ICP/MS
Dy	0.3	5,000	ICP/MS		Sr	3	10,000	ICP/MS
Er	0.1	5,000	ICP/MS		Ta	0.2	10,000	ICP/MS
Eu	0.1	1,000	ICP/MS		Tb	0.1	1,000	ICP/MS
Fe	0.05%	30%	ICP		Te	6	10,000	ICP/MS
Ga	0.2	5,000	ICP/MS		Th	0.1	1,000	ICP/MS

Ge	0.7	5,000	ICP/MS	Ti	0.01%	25%	ICP
Gd	0.1	5,000	ICP/MS	Tl	0.1	1,000	ICP/MS
Hf	10	5,000	ICP/MS	Tm	0.1	1,000	ICP/MS
Ho	0.2	1,000	ICP/MS	U	0.1	10,000	ICP/MS
In	0.2	1,000	ICP/MS	V	5	10,000	ICP/MS
K	0.10%	25%	ICP	W	0.7	5,000	ICP/MS
La	0.4	10,000	ICP/MS	Y	0.1	1,000	ICP/MS
Li	3	10,000	ICP/MS	Yb	0.1	1,000	ICP/MS
Mg	0.01%	30%	ICP	Zn	25	10,000	ICP/MS
Mn	3	10,000	ICP/MS				

9.2 Ground Magnetic Survey

International Lithium Corp. conducted a continuous reading ground magnetometer survey from September 23 to October 4, 2016 on the Project. The field component of the survey program was performed by Coast Mountain Geological technicians.

The survey was conducted to produce a detailed magnetic anomaly map to interpret the geologic contacts, features and structures on the Project, thereby providing a valuable tool to aid in the drill targeting process.

A single grid with N-S oriented lines to maximize right-angle transects across geology was surveyed at a nominal 50 metre line spacing (Figure 14). A total of 59.6 line-kilometres of continuous profiling magnetometer data were collected on two of the Project's mining claims; 4279867 and 4279868. The 59.6 line-kilometres includes 3.8km's of continuous profiling magnetometer data were collected on the Company's adjacent Fairservice mining lease (K489140) for line continuity, interpretation and to provide an overlap with the Company's previously surveyed magnetometer grid to the east earlier in the season.

The survey was conducted utilizing two Gem Systems GSM-19w magnetometers with integrated GPS. All lines were surveyed in 'walkmag' mode using the GPS for guidance. No line cutting was performed.

9.2.1 Survey Equipment

A total of three magnetometers were used to collect both the base magnetic reference values and line surveyed data. All roving magnetometers are GEM Systems GSM-19 v7 walking magnetometers with internal GPS (Table 10). The survey used a total of three systems with two as rovers and one GSM-19 v5 as a base station.

Table 10: GSM-19 v7 Magnetometer Specifications

Specifications Performance Sensitivity	0.022 nT / √Hz
Resolution	0.01 nT
Absolute Accuracy	+/- 0.1 nT
Range	20,000 to 120,000 nT
Gradient Tolerance	< 10,000 nT/m
Samples at	60+, 5, 3, 2, 1, 0.5, 0.2 sec
Operating Temperature	-40C to +50C

Source: http://www.gemsys.ca/pdf/GSM-19%20Overhauser%20v7.0.pdf?lbisphpreq=1

The base station magnetometer was located in a clear cut in proximity to the survey area and set to record the time and total field every three seconds. The rover units and the base magnetometer were synchronized every morning prior to data collection.

The roving magnetometers were set to record a continuous profile of readings along the surveyed line. Readings were acquired at 1-second intervals resulting in a nominal station spacing of 0.2 to 1.5m depending on the walking pace. UTM coordinates including elevation were recorded simultaneously with UTC time with each magnetic reading.

9.2.2 Background Noise

The survey area consisted of boreal forest in close proximity to transportation infrastructure and as a result of the relative remote location, there appears to be no sources of cultural noise present in the magnetic data.

The ground surveys each show anomalous areas of total magnetic field with little to no interference from cultural noise sources such as power lines, pylons, electric and barbed wire fences, scrap metal heaps, motor vehicles and metal structures.

9.2.3 Survey Specifications

A single grid with north-south oriented lines to maximize right-angle transects across geology was surveyed at a nominal 50 metre line spacing. A total of 59.6 line-kilometres of continuous profiling magnetometer data were collected.

The base station magnetometer was located in a clear cut within the survey area at coordinates: 524150 E, 5517577 N (UTM Zone 15N/NAD83). The base magnetometer was set to record the time and total field every three seconds. The unit was synchronized to the roving magnetometers every morning prior to data collection.

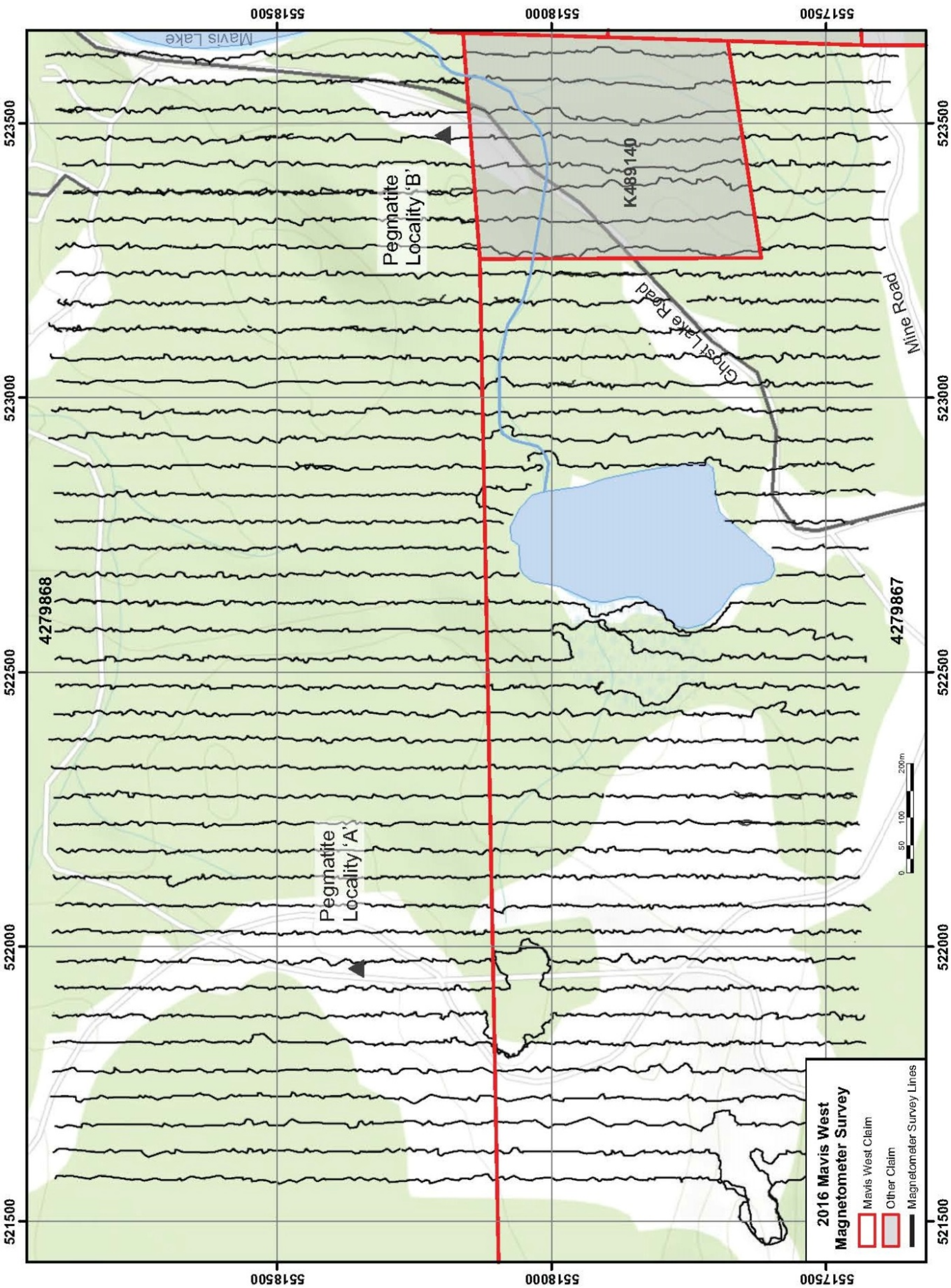


Figure 14: Mavis West 2016 magnetometer survey lines

9.3 Data Processing

The raw data files from each rover and the base unit were transferred to a PC on a daily basis. The coordinates were transformed from geographic decimal degrees (operational units used by the equipment) to UTM Zone 15N/NAD83. Following data inspection, the diurnal corrections were applied.

Line segments were split from the continuous read survey files and combined in a master database. Data were inspected for any outliers and corrections applied where warranted. The data were gridded using a minimum curvature algorithm and plotted in plan map for inspection.

The after-field processing of the magnetometer data was performed by SJV Consultants Ltd. of Delta BC. A map of the total magnetic intensity for the survey area is presented as Figure 15.

9.3.1 Magnetometer Survey Results

The dynamic range of the magnetic data in the survey area spans about 10,000 nT. A series of subdued magnetic-high bands running east-west extend throughout the survey area and appear to correlate fairly well with the magnetic high bands observed on the Fairservice leases to the east. The series of alternating mafic volcanic low and high magnetic bands on the Project are not remotely as pronounced as observed to the east. They express themselves as local isolated magnetic highs in a general east-west alignment. The subdued response is interpreted as an artefact of the thickened overburden in the area. The overburden thickness increases from the swampy area surrounding the pond on Claim 4279867 to sandy till cover to the west. In conjunction, the scarcity of outcrops increases.

Of note supporting this hypothesis, there is a strong correlation of the isolated high magnetometer response where outcrop was observed and sampled (Figure 16 and Map A). The isolated magnetic highs may provide a rough outcrop guide for follow-up sampling.

The east-west contact between the mafic-metavolcanics and metasediments is evident through the central portion of claim 4279867 by a sharp contrast to a magnetic low environment. The interpreted contact correlates closely to the mapped geology.

Of note there is a marked NE-SW magnetic feature extending from a small bay in the southwest corner of Mavis Lake on claim 4279868 across the Fairservice mining lease K489140 onto claim 4279867. This feature may represent a significant structural lineament and depending on the timing and strain regime of the structure may provide a favorable setting for the emplacement of pegmatites.

The survey produced a detailed magnetic anomaly map east of UTM 523000E, where there was nominal interference by overburden, that can be used to interpret geologic contacts, features and structures, thereby providing a valuable tool to aid in the drill targeting process. West of UTM 523000E the response degrades due to overburden thickness with the magnetic response providing a rough interpretation of alternating low and high magnetic bands. The low magnetic detail in this area commensurately reduces the aid to drill targeting and a heavier reliance on other surveys, such as lithogeochemical sampling, will be required.

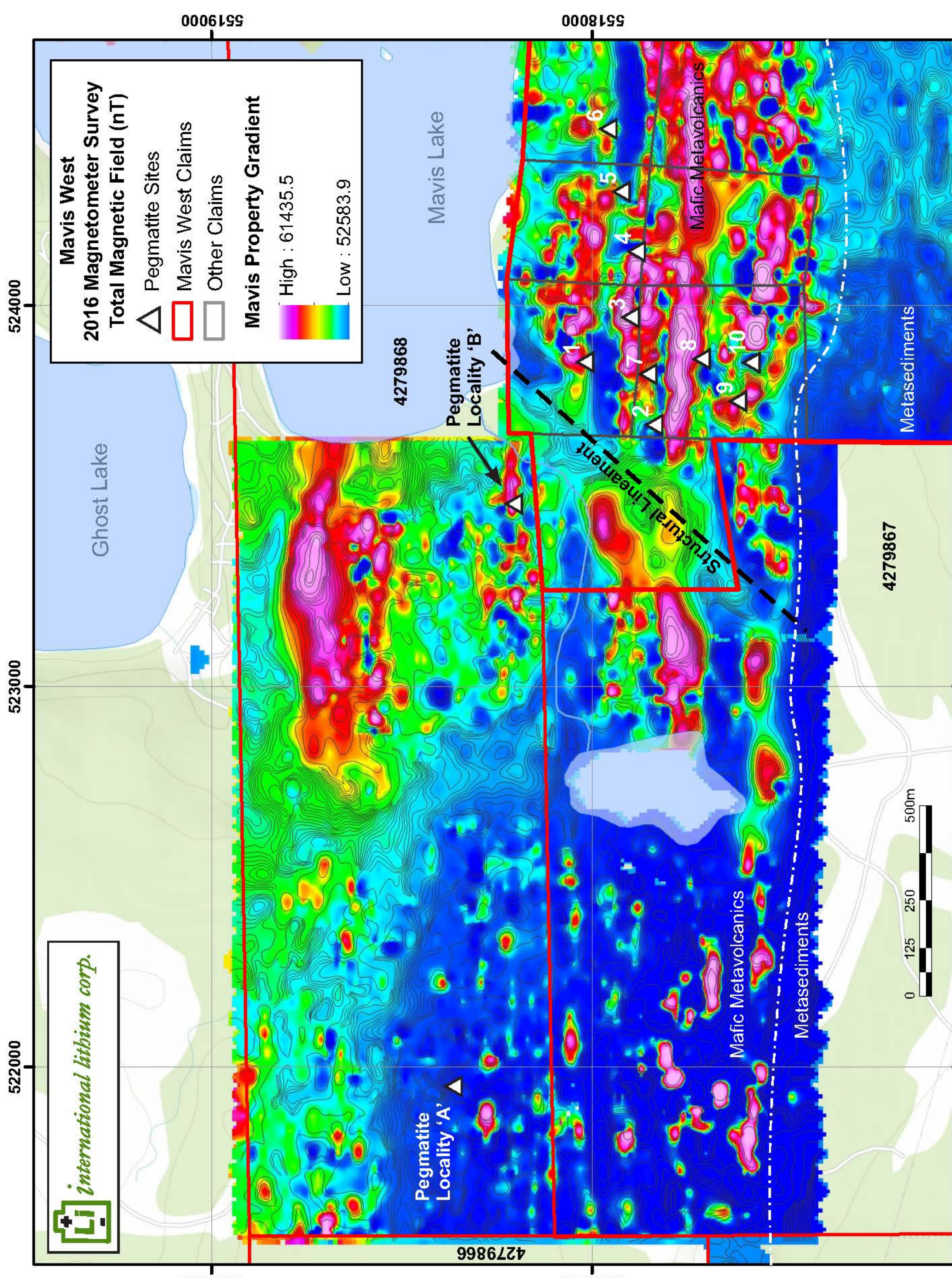


Figure 15: Mavis West magnetometer sruvey map. Contoured Total Magnetic Intensity

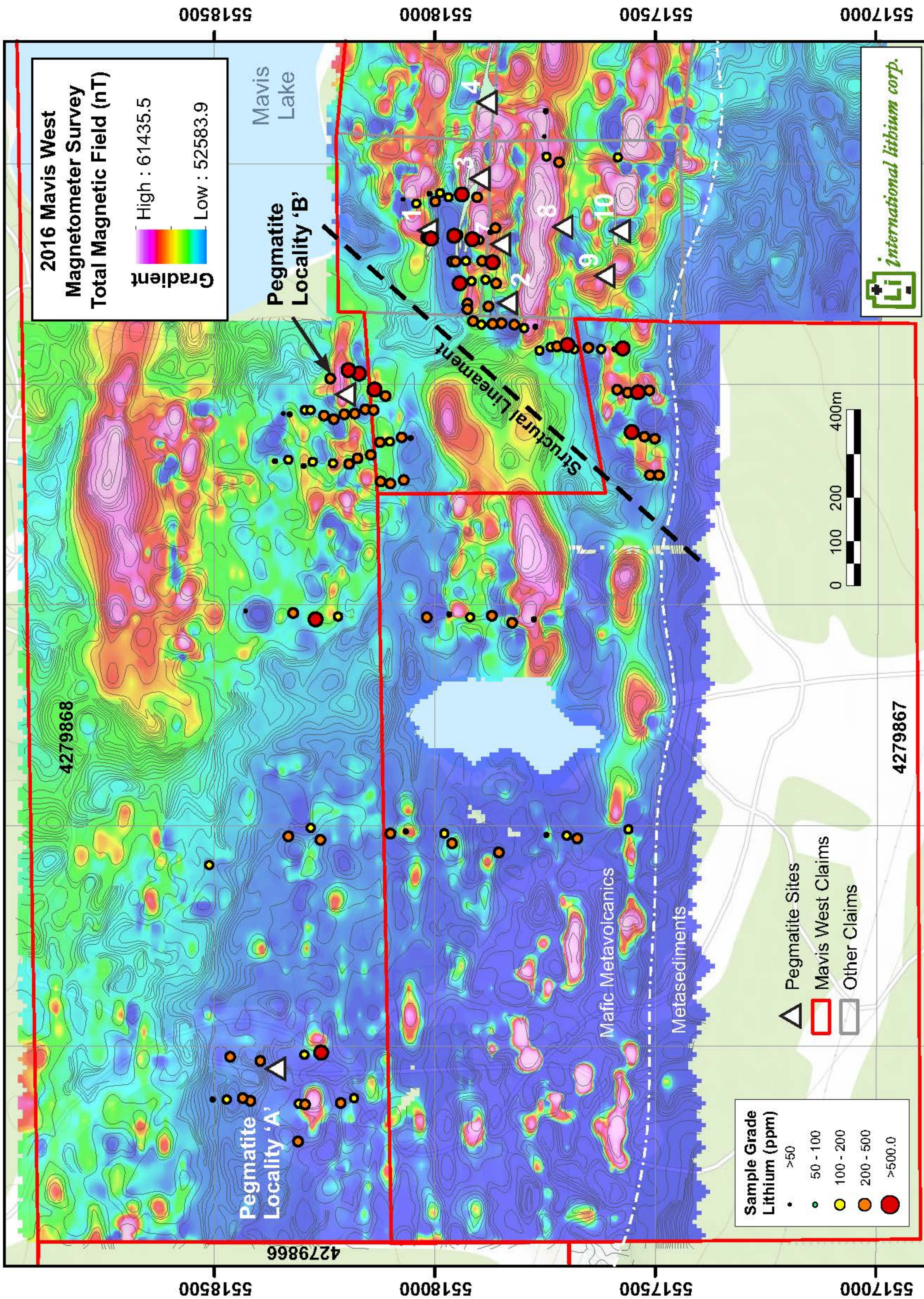


Figure 16: Lithogeochemical samples overlying mangetometer survey map. Countoured Total Magnetic Intensity

9.4 Operational Logistics

The Coast Mountain Geological ("CMG") technicians travelled by air from Vancouver, BC and then drove from Winnipeg, MB, to the Dryden area. The CMG crew was housed at a motel in Dryden, relatively proximal to the Project, during the survey program.

Due to the excellent road accessibility to the Project, a good internal network of forestry roads, excellent local infrastructure and support services, the field crew's operational logistics were simple and straightforward. The crew travelled locally to and from their place of residence each day.

9.5 Statement of Expenditures

Table 11: Field Program Expenditures by Claim

Claim/ Lease	Mag Survey Total Line Kms	Cost by Claim		Total
		Mag Survey	Sampling Program	
4279867	22.9	$7,982.20	$6,876.31	$14,858.00
4279868	32.9	$11,467.84	$4,532.12	$16,000.00
K489140	3.8	$1,324.55	$0.00	$1,325.00
			Total Work Credits Applied	**$ 32,183**

Table 12: Field Program Expenditures by Category

MAVIS WEST 2016 MAGNETOMETER SURVEY AND LITHOGEOCHEM SAMPLING				
Statement of Expenditures			**Total Expenditures**	**Eligible Expenditures**
Associated Costs				
Field	Field Expenses (supplies)		$1,359.00	$1,360.00
Field	Geophysics Equipment Rental		$4,069.00	$4,069.00
Field	Laboratory Costs		$2,701.00	$2,701.00
		EXPENSES	$8,129.00	**$8,130.00**
Food and Lodging				
	Lodging		$352.00	$352.00
	Groceries and Food		$994.20	$994.00
		LODGING	$1,346.20	**$1,346.00**
Transportation				
	Truck Rental		$1,080.94	$1,081.00
	Flights		$1,716.00	N/A
	Fuel		$316.00	$316.00
		TRANSPORTATION	$3,112.94	**$1,397.00**
Professional Wages - Field				
Mike Sieb @$775/day		0.5	$387.50	$387.00
P.McLaughlin @$725/day		1.5	$1,087.50	$1,087.50
G.Schellenberg @$425/day		10.5	$4,462.50	$4,462.50
T.Davidge @$425/day		10.5	$4,462.50	$4,462.50
D.Mackay @$625/day		2.5	$1,562.50	$1,562.50
Wabigoon @$20/hr		35.0	$700.00	$700.00
		WAGES	$12,662.50	**$12,662.00**
Professional Wages - Office				
Mike Sieb @$775/day		2.0	$1,550.00	$1,550.00
P.Mclaughlin @$725/day		4.5	$3,262.50	$3,262.50
SJ Geophysics Data Processing			$3,835.70	$3,835.50
		WAGES	$8,648.20	**$8,648.00**
		COMBINED PROGRAM TOTAL and APPLIED EXPENDITURES:	$33,898.84	**$32,183.00**

10. ADJACENT PROPERTIES

Towards the west of the Project, 'emerald' and 'tungsten' granite pegmatite-associated mineralization occur. These occurrences are hosted within the mafic meta-volcanic host rocks near the Ghost Lake Batholith 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 1960's, 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 program. The main showing revealed an historical value of 0.095 wt. % WO_3 over 3.5 m (Breaks and Janes 1991).

Adjacent and to the east there is the well documented Fairservice / Mavis Lake pegmatite cluster consisting of 20 known pegmatites, 1 through 19 and RVL (Figure 11). These pegmatites represent a mix of albite-spodumene-type, albite-type and complex type dikes (Breaks et al., 2003). Geochemically, all of these are classified as LCT-type pegmatites (Cerny 1991), however, pegmatites 11, 12, 17 and 18 are further classified as albite-spodumene-type (spodumene-beryl-tantalite zone), and Pegmatites 13 to 16 and 19 are classified as albite-type.

In the summer of 2011, **International Lithium Corporation** carried out a diamond drilling program that was aimed to confirm historic Li_2O grades and width, and to test the rare metal potential of the Fairservice / Mavis Lake pegmatites. A 20-hole, 1753m, drill program was performed to test the subsurface expressions of approximately eight pegmatites as well as testing the subsurface continuity along strike and between pegmatite outcrops. Of the 20 drill holes, 17 intersected one or more intervals of pegmatite greater than 2m and up to 78m. The results include 1.86 wt. % Li_2O over 26.25m and 1.22 wt. % Li_2O over 28.45m in hole MF-11-12, 1.83 wt. % Li_2O over 8.25m in MF-11-08, 1.08 wt. % Li_2O over 8.7m in MF-11-13 and 0.93 wt. % Li_2O over 9m in MF-11-16. In addition to encouraging Li_2O results, several holes had significant Tantalum (Ta) intersections (Table 13 and Table 14).

Table 13: Significant Lithium Assay Results from the 2011 Drilling Program

Hole No.	From (m)	To (m)	Length*	Li_2O %
MF-11-01	2.2	6	3.8	0.89
MF-11-05	0.9	7	6.1	1.01
MF-11-07	4.1	9	4.9	1.48
MF-11-08	2.25	11	8.75	1.83
MF-11-09	18.85	26.65	7.8	2.58
Incl	20	25	5	3.08
MF-11-11	2	6.1	4.1	1.27
MF-11-12	29	33	4	1.15
And	116.95	145.4	28.45	1.22

Incl	125	141	16	1.63
And	152	178.25	26.25	1.86
MF-11-13	17.1	25.8	8.7	1.08
Incl	19	24	5	1.44
MF-11-14	24	27	3	2.91
MF-11-15	78.4	85	6.6	1.38
MF-11-16	88	97	9	0.93
Incl	89.35	94	4.65	1.23
MF-11-17	31.1	39.5	8.4	0.53
MF-11-19	20	26	6	0.92

Table 14: Significant Tantalum Assay Results from the 2011 Drilling Program

Hole No.	From (m)	To (m)	Length*	Ta_2O_5 ppm
MF-11-01	41.15	43.2	2.05	137
MF-11-09	8.05	13.65	5.6	181
MF-11-12	27.3	59.3	32	148
And	106.2	116.95	10.75	182
And	137	142.8	5.8	165
MF-11-13	25.8	29.1	3.3	192
MF-11-16	89.35	100.2	10.85	117

*Lengths described above are core lengths and not true widths

A follow-up 2,000 meter drilling program was conducted from November 23 to December 20th, 2012 and January 8 to 15, 2013. The objective of the program aimed at defining the continuity of pegmatite bodies along strike and at depth around and between known pegmatite occurrences, delineating the orientation and geometry of some of the larger pegmatite bodies and testing historical lithogeochemical anomalies and Li-migration in the metavolcanic host rocks as vectoring tools for future drill hole targeting. During the drill campaign 19 holes were drilled, MF-12-21 through MF-12-38 and MF-12-15a, totalling 2,072.1m.

All drill holes intercepted pegmatite with notable intersections from hole MF12-24 grading 1.51 wt% Li_2O over 21.4m that includes 9.2m grading 2.37 wt% Li_2O and hole MF-12-28 grading 2.53 wt% Li_2O over 6m. The significant results from the 2012-2013 of Li_2O and Ta are presented in Table 15 and Table 16, respectively. The exploration campaign was successful in identifying that most of the pegmatites along the main belt in the Fairservice property from pegmatite #1 through #6 are relatively continuous. The program extended the eastern margins of pegmatite #4 an additional 65m to a length totalling greater than 200m.

Table 15: Significant Lithium Assay Results from the Winter 2012-2013 Drill Program

Hole No.	From (m)	To (m)	Length*	Li_2O %
MF12-21	103.65	107.35	3.7	1.31
MF12-24	151.35	174.75	21.4	1.51
Incl.	165.55	174.75	9.2	2.37
MF-12-25	129.65	135.85	6.2	1.51
MF-12-28	6	12	6	2.53
MF-12-30	33.7	36.05	2.35	1.33
and	36.95	41.05	4.1	1.23
MF-12-33	22	30.5	8.5	1.34
MF-12-34	22.45	33.3	10.85	1.05
MF-12-36	27.75	38.5	10.75	1.06
MF-12-37	23.7	27.85	4.15	0.51

Table 16: Significant Tantalum Assay Results from the Winter 2012-2013 Drill Program

Hole No.	From (m)	To (m)	Length*	Ta ppm
MF12-24	151.35	152.8	1.45	350
MF12-15A	144	144.5	0.5	300
and	146	148.45	2.45	301.8
MF12-27	26.15	27.65	1.5	340
and	51.4	52.9	1.5	325
MF12-30	51.95	52.55	0.6	347
MF-12-33	22	30.5	8.5	99.5
MF-12-34	22.45	33.3	10.85	108.05
MF-12-37	23.7	27.85	4.15	171.6

*Lengths described above are core lengths and not true widths

11. INTERPRETATION AND CONCLUSIONS

The Project is known to straddle the less evolved beryl-columbite pegmatite zone (e.g. Taylor No. 1 and 2 pegmatites) to the west and the more evolved spodumene-beryl-tantalite pegmatite zone (Fairservice pegmatites) to the east. An exploration program was conducted over the eastern portion of the Mavis West project to determine the prospectivity for further and more detailed work. The exploration program consisted of a continuous reading ground magnetic survey over the eastern portion of the Project and a lithogeochem sampling program bracketing two previously highlighted pegmatite localities and a couple of longer sample lines transecting the broader lithium metasomatic zone host to the known spodumene bearing pegmatites; as described in Section 9.

The dynamic range of the magnetic data in the survey area spans about 10,000 nT. A series of subdued magnetic-high bands running east-west extend throughout the survey area and appear to correlate fairly well with the magnetic high bands observed on the Fairservice leases to the east. The interpreted series of alternating mafic volcanic low and high magnetic bands on the Project are weakly pronounced due to an increase in overburden significantly subduing magnetic response.

A detailed magnetic survey can be used to interpret geologic contacts, features and structures that provide a valuable tool to aid in the drill targeting of buried or hidden pegmatites. The Mavis West ground magnetic survey produced a detailed magnetic anomaly map east of UTM 523000E, where there was nominal interference by overburden, but west of UTM 523000E the response degrades providing only a rough representation of the underlying geology where a heavier reliance on other surveys, such as lithogeochemical sampling, will be required to establish viable targets.

In conjunction with the ground magnetometer survey, a lithogeochemical sampling program was conducted from September 28 to October 3, 2016 over a limited area of the Project (Figure 13).

A key methodology utilized in the exploration of pegmatites is mapping, through lithogeochemical sampling, the rare-metals' dispersion halo associated with the emplacement of LCT pegmatite bodies. This method has been shown to be successful, on the adjacent on the Fairservice/Mavis Lake property as well as elsewhere, at discovering hidden or buried spodumene bearing high-grade Lithium-Caesium-Tantalum ("LCT") pegmatites within the core of these anomalous bands.

The lithogeochemical sampling program was designed as an initial reconnaissance of the eastern portion of the Mavis West project area, focussing on the pegmatite 'A' and 'B' localities, to compare the mineralization of the metavolcanic rocks on the Mavis West property to the metavolcanics hosting the spodumene rich pegmatites on the Fairservice leases adjacent and to the east. The sampling program was conducted to ascertain the potential that the more evolved spodumene-beryl-tantalite type pegmatites may be present on the Project.

The sampling program at Mavis West returned an unusually high percentage of the samples collected reporting significant levels of lithium mineralization (Figure 13 and Table 5). This denotes a strong and broad metasomatism of the host rocks throughout the sample area.

The highest and most consistently high lithium grade concentration of samples occurred on the sample lines south of Fairservice Lease K489140 (Table 6) where the ten sample cluster all returned values greater than 200ppm Li; with two reporting grades greater than 1000ppm Li. The reported lithium mineralization in this area is as good or greater relative to the mafic volcanics known to host some of the more prominent pegmatites on the adjacent Fairservice Leases. This 10 sample cluster is roughly on trend with and 200 metres west of pegmatite #9 and #10 on the adjacent Fairservice Leases. This highly anomalous trend is highly prospective for the discovery of a hidden or buried pegmatite in the immediate vicinity and remains open to the west.

It was anticipated that samples collected around Pegmatite Locality 'B' would return anomalous levels of lithium in the mafic volcanic rocks (Table 7), since there is a large potassic pegmatite historically traced over a strike length of 100m and at least 20m thick at this location. This locality is of special interest due to: i) the underexplored nature of the observed pegmatite; ii) the inherent high prospectivity reflected by the concentration of high lithium grades of the metavolcanic host rocks; and iii) this locality is offset 250m to the north from the well-defined trend of the pegmatites #1-7 on the adjacent Fairservice Leases indicating an unexplored horizon.

Of note the highest lithium grade samples (samples 151169 and 151170) are on the eastern edge of this sample cluster. There is a broad 'no outcrop' 250 metre wide NE-SW swathe east of this sample cluster that coincides with an apparent structural lineament as interpreted from the magnetometer survey. This feature may represent a significant structural lineament and depending on the timing and strain regime of the structure may provide a favorable setting for the emplacement of pegmatite. Further work is required in this locality to develop specific drill targets.

Pegmatite Locality 'A' returned a notable cluster of samples significantly anomalous in lithium mineralization (Table 8'). Locality 'A' exhibits the most variation in pegmatite compositions of any area on the property and consists of a zoned pegmatite or series of pegmatites dominating an area of some 100 by 40m (Houston Lake Mining Inc. Assessment Report; Anthony 2004). The vast majority of samples returned values greater than 200ppm Lithium over a broad 200m x 400m area.

The two long N-S sample lines (lines L522475 and L522975) showed the most variation in lithium grade. This is to be expected as the lines transect the extension of a series of lithium mineralized bands reported to the east. The lines broad spacing and higher percentage 'no outcrop' areas make specific interpretation difficult, however the highly anomalous lithium values in the host rocks do support the continuation of the metasomatic halos known to host the more evolved spodumene-beryl-tantalite type pegmatites.

The results from the 2016 lithogeochemical sampling program certainly support a high prospectivity for the Project area and warrant follow-up work to further investigate the known pegmatite localities and refine drill targets.

12. RECOMMENDATIONS

The 2016 exploration program successfully demonstrated the likelihood that the trend hosting the more evolved spodumene-beryl-tantalite type pegmatites observed adjacent to the east on the Fairservice Leases extends onto the Mavis West Project.

The magnetic data east of UTM 523000E provides sufficient detail towards the interpretation of geologic contacts, features and structures that may provide a valuable tool to aid in the drill targeting of buried or hidden pegmatites. Whereas to the west of UTM 523000E the magnetic response is subdued and additional exploration methodologies will be more heavily tasked to refine drill targets.

The following are recommendations to further the exploration on the Project towards defining drill targets for spodumene bearing pegmatites.

1. Detailed prospecting and mapping of the known pegmatite localities and other high lithium mineralized areas;
2. Identify structural features from the magnetometer survey that may be prospective for the emplacement of pegmatites and conduct field investigation (mapping, prospecting and detailed sampling grid) to define drill targets; focusing on structural features with a coincident lithogeochemical anomaly; and
3. In conjunction with the above, design a lithogeochemical sampling program to both broaden the coverage of the existing grid as well as provide added detail within the existing sampling grid in areas exhibiting high prospectivity.

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Appendix I

Statement of Qualifications

Michael Sieb

I, Michael Sieb, declare that:

1. I reside at 748 East Keith Road in North Vancouver in the province of British Columbia and do herby certify that:
2. I am a graduate from Concordia University with a Bachelor of Science degree (B.Sc.) Specialization Geology (1987).
3. I hold a Masters of Business Administration (MBA) from the University of British Columbia (1994).
4. I have worked in the mineral exploration industry with major/junior exploration and mining companies in Canada and internationally since 1987.
5. I am Project Supervisor for the Company's Ontario projects and all contributions on my behalf are true and accurate to the best of my knowledge.
6. I hold no direct or indirect personal interest in the property that is the subject of this report.

Mike Sieb, B.Sc., MBA

Appendix I

Statement of Qualifications

Patrick McLaughlin

I, Patrick McLaughlin, declare that:

1. I reside at 22-1560 Prince Street of the city of Port Moody, in the province of British Columbia and do herby certify that:

:

2. I am a graduate of the University of Manitoba (2005) with a Bachelor of Science (Honours) from the Faculty of Science, Department of Geological Sciences and have been continuously practicing my profession since 2004.

3. I am registered professional Geoscientist with The Association of Professional Engineers and Geoscientists, British Columbia member **#41479**

4. I am a Project Manager for International Lithium Corp and have directly supervised the field exploration program described in this report and all contributions on my behalf are true and accurate to the best of my knowledge.

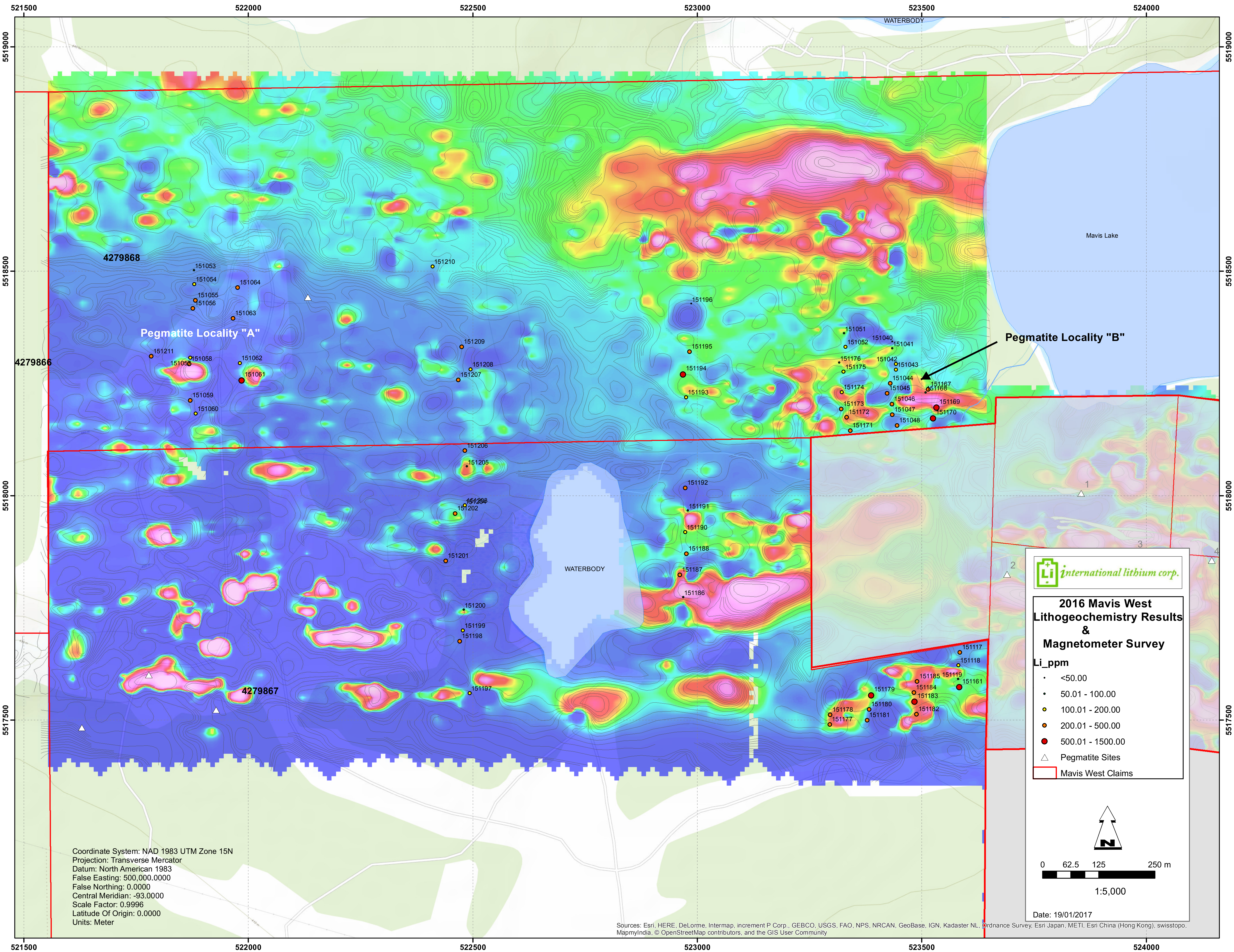
5. I hold no direct or indirect personal interest in the property that is the subject of this report.

Patrick McLaughlin, B.Sc., P.Geo

Appendix II

MAPS

Map A: Lithogeochemical Sample Locations and Results overlain on the Ground Magnetometer Survey Contoured Total Magnetic Field



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WATERBODY
Mavis Lake
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Pegmatite Locality "A"
Pegmatite Locality "B"
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international lithium corp.
2016 Mavis West Lithogeochemistry Results & Magnetometer Survey
Li_ppm
<50.00
50.01 - 100.00
100.01 - 200.00
200.01 - 500.00
500.01 - 1500.00
Pegmatite Sites
Mavis West Claims
N
0 62.5 125 250 m
1:5,000
Date: 19/01/2017
Coordinate System: NAD 1983 UTM Zone 15N
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -93.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Appendix III

ANALYTICAL RESULTS

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	UTM_X	UTM_Y	Certificate	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
151040	523,435	5,518,343	A16-10184	7.12	< 5	30	50	< 3	< 2	12.50	< 2	11.3	42.4	200	3.1	50	3.5	2.6	0.9
151041	523,434	5,518,328	A16-10184	7.21	< 5	20	575	< 3	< 2	10.20	< 2	72.0	37.7	170	23.5	238	3.9	2.1	2.4
151042	523,443	5,518,293	A16-10184	6.70	< 5	< 10	121	< 3	< 2	7.77	< 2	19.5	43.2	< 30	5.5	75	6.1	4.3	1.6
151043	523,442	5,518,281	A16-10184	7.43	< 5	< 10	33	< 3	< 2	6.71	< 2	13.1	26.2	60	2.2	10	5.3	3.4	1.4
151044	523,430	5,518,250	A16-10184	7.70	< 5	110	40	< 3	< 2	6.61	< 2	8.5	56.0	90	328.0	8	4.3	3.0	1.1
151045	523,423	5,518,228	A16-10184	7.06	< 5	< 10	62	< 3	< 2	7.41	< 2	7.9	46.1	190	7.8	3	3.9	2.6	0.8
151046	523,434	5,518,204	A16-10184	6.77	< 5	< 10	206	< 3	< 2	6.81	< 2	10.9	42.1	< 30	9.7	32	6.4	3.9	1.7
151047	523,435	5,518,180	A16-10184	7.05	18	< 10	769	< 3	< 2	5.87	< 2	190.0	27.8	290	131.0	< 2	4.7	1.6	5.4
151048	523,445	5,518,156	A16-10184	6.28	21	< 10	62	< 3	< 2	6.04	< 2	20.1	34.9	30	8.1	26	7.8	5.5	1.6
151051	523,327	5,518,362	A16-10184	7.40	< 5	< 10	19	< 3	< 2	10.70	< 2	11.1	53.8	260	2.6	39	3.7	2.6	0.9
151052	523,330	5,518,331	A16-10184	8.15	< 5	< 10	41	< 3	< 2	7.78	< 2	8.9	49.5	190	62.8	22	3.5	2.4	0.9
151053	521,880	5,518,502	A16-10184	8.15	< 5	90	69	< 3	< 2	8.34	< 2	7.3	53.4	250	24.2	60	3.0	2.0	0.7
151054	521,880	5,518,471	A16-10184	7.49	7	< 10	26	4	< 2	9.30	< 2	10.2	51.5	160	6.8	21	3.3	2.2	1.0
151055	521,882	5,518,435	A16-10184	7.17	< 5	< 10	36	< 3	< 2	6.39	< 2	13.3	40.2	80	0.3	13	5.9	3.9	1.5
151056	521,877	5,518,417	A16-10184	7.26	25	10	32	< 3	< 2	7.49	< 2	12.5	40.4	220	1.8	< 2	3.7	2.5	0.9
151057	521,871	5,518,307	A16-10184	7.48	< 5	< 10	41	< 3	< 2	6.89	< 2	8.5	24.6	130	0.7	79	4.1	2.9	0.9
151058	521,868	5,518,294	A16-10184	7.59	< 5	< 10	128	4	< 2	6.01	< 2	6.8	39.3	< 30	37.9	15	5.1	4.0	1.0
151059	521,871	5,518,212	A16-10184	6.57	54	< 10	23	< 3	< 2	4.96	< 2	19.0	16.9	30	1.7	9	11.3	7.3	2.3
151060	521,883	5,518,183	A16-10184	6.92	< 5	10	55	< 3	< 2	6.38	< 2	21.1	23.8	< 30	0.7	41	8.3	5.6	2.0
151061	521,985	5,518,257	A16-10184	7.87	< 5	< 10	149	< 3	< 2	4.85	< 2	11.0	49.4	130	59.1	134	4.7	2.9	1.3
151062	521,981	5,518,295	A16-10184	7.93	6	10	36	< 3	< 2	7.93	< 2	12.8	46.8	40	2.6	96	5.9	4.3	1.2
151063	521,966	5,518,395	A16-10184	8.06	< 5	30	108	< 3	< 2	9.99	< 2	11.9	50.5	160	5.4	97	4.3	3.0	1.0
151064	521,976	5,518,463	A16-10184	7.46	< 5	< 10	72	< 3	2	6.12	< 2	31.6	45.0	60	79.5	137	7.0	4.4	1.8
151117	523,585	5,517,651	A16-10184	7.14	< 5	20	17	4	< 2	6.37	< 2	37.2	39.6	40	2.8	10	10.6	6.9	2.5
151118	523,582	5,517,622	A16-10184	7.11	< 5	390	520	7	< 2	8.02	< 2	35.7	52.6	50	6.3	23	8.8	5.9	2.2
151119	523,581	5,517,592	A16-10184	7.29	< 5	10	132	< 3	< 2	7.85	< 2	26.5	41.9	90	1.2	74	6.6	4.4	1.8
151161	523,583	5,517,573	A16-10184	7.83	< 5	130	132	< 3	< 2	3.66	< 2	9.0	61.8	70	271.0	44	6.0	4.4	1.2
151167	523,515	5,518,237	A16-10184	7.53	< 5	< 10	32	< 3	< 2	6.92	< 2	11.2	59.2	140	1.7	45	3.4	2.4	1.0
151168	523,509	5,518,230	A16-10184	9.81	8	30	10	372	5	0.16	3	1.7	0.5	50	24.3	5	< 0.3	< 0.1	< 0.1
151169	523,533	5,518,196	A16-10184	7.40	< 5	270	27	4	< 2	5.07	< 2	12.6	43.9	110	653.0	45	5.8	3.9	1.4
151170	523,525	5,518,172	A16-10184	7.64	< 5	2650	72	4	< 2	5.52	2	17.0	55.8	180	91.2	36	6.2	4.1	1.6
151171	523,341	5,518,145	A16-10184	6.83	< 5	50	87	< 3	< 2	5.79	< 2	9.1	43.1	70	24.1	55	6.4	4.3	1.5
151172	523,333	5,518,175	A16-10184	6.86	7	< 10	130	< 3	< 2	6.68	2	8.6	43.8	90	10.8	41	5.1	3.2	1.2
151173	523,321	5,518,193	A16-10184	5.80	< 5	< 10	226	< 3	< 2	4.33	< 2	44.5	19.4	30	77.6	172	13.0	7.8	3.3
151174	523,322	5,518,231	A16-10184	7.37	< 5	< 10	11	< 3	< 2	6.57	< 2	6.3	45.6	120	1.0	18	3.3	2.4	0.7
151175	523,326	5,518,276	A16-10184	7.90	< 5	< 10	65	< 3	< 2	9.20	2	17.2	56.6	170	2.8	182	10.7	5.5	1.1
151176	523,317	5,518,296	A16-10184	8.69	< 5	< 10	31	< 3	< 2	7.79	< 2	10.6	58.0	130	1.1	35	3.9	2.7	0.9
151177	523,295	5,517,490	A16-10184	6.92	< 5	< 10	475	< 3	< 2	5.38	< 2	30.0	34.4	40	279.0	48	8.4	6.1	1.7
151178	523,296	5,517,511	A16-10184	8.01	< 5	3210	121	106	< 2	7.42	4	27.6	54.6	70	14.5	11	7.0	5.2	1.8
151179	523,388	5,517,555	A16-10184	6.95	< 5	20	578	< 3	< 2	6.09	< 2	23.1	55.6	100	99.2	81	7.5	5.4	2.0
151180	523,383	5,517,524	A16-10184	6.67	< 5	< 10	44	< 3	< 2	5.77	< 2	17.5	42.2	60	3.6	112	6.5	4.5	1.4
151181	523,379	5,517,500	A16-10184	9.65	< 5	190	82	< 3	< 2	8.66	< 2	35.8	51.0	40	4.8	92	8.8	6.9	2.0

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	UTM_X	UTM_Y	Certificate	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
151182	523,488	5,517,513	A16-10184	7.52	< 5	20	185	< 3	< 2	7.01	< 2	32.9	38.1	50	18.3	92	7.5	5.3	1.7
151183	523,484	5,517,541	A16-10184	5.03	< 5	30	35	< 3	< 2	1.66	< 2	11.0	8.2	60	14.3	15	1.6	1.2	0.6
151184	523,483	5,517,561	A16-10184	7.78	< 5	1240	332	< 3	< 2	6.05	< 2	15.8	42.3	90	448.0	52	6.0	4.3	1.3
151185	523,490	5,517,586	A16-10184	7.27	< 5	110	83	< 3	< 2	6.98	< 2	17.7	51.5	90	85.6	31	6.5	4.5	1.5
151186	522,969	5,517,774	A16-10184	6.94	25	< 10	85	< 3	< 2	3.36	< 2	28.7	23.1	30	17.0	18	8.3	5.9	2.2
151187	522,961	5,517,823	A16-10184	6.82	< 5	10	36	< 3	< 2	6.28	< 2	18.4	39.2	40	3.3	33	9.7	7.1	2.0
151188	522,976	5,517,870	A16-10184	7.98	< 5	< 10	64	< 3	< 2	6.19	< 2	5.3	38.9	150	37.2	32	4.4	2.7	1.3
151189	522,976	5,517,870	A16-10184	7.31	< 5	1870	8	125	< 2	0.26	4	1.0	0.5	50	51.6	4	< 0.3	< 0.1	< 0.1
151190	522,973	5,517,918	A16-10184	6.77	< 5	20	214	< 3	< 2	5.45	2	13.1	28.0	50	14.0	13	7.8	5.6	1.8
151191	522,979	5,517,967	A16-10184	7.83	< 5	< 10	60	< 3	< 2	6.70	3	11.8	40.7	170	0.5	20	4.6	2.7	1.7
151192	522,973	5,518,017	A16-10184	6.40	< 5	< 10	150	< 3	< 2	2.83	< 2	16.5	15.8	60	41.3	23	15.4	12.0	2.2
151193	522,975	5,518,219	A16-10184	6.78	< 5	10	80	< 3	< 2	6.92	< 2	19.3	54.1	80	2.0	204	6.0	3.9	1.7
151194	522,968	5,518,270	A16-10184	9.22	< 5	1210	86	< 3	< 2	5.65	2	13.9	65.8	170	67.0	12	5.2	4.1	1.1
151195	522,983	5,518,321	A16-10184	7.56	< 5	150	680	19	< 2	1.00	< 2	61.3	3.0	< 30	50.8	< 2	1.7	1.0	0.6
151196	522,987	5,518,428	A16-10184	8.16	< 5	< 10	99	< 3	< 2	8.65	< 2	11.6	54.8	90	3.5	105	3.7	2.8	0.8
151197	522,493	5,517,560	A16-10184	6.74	< 5	190	43	< 3	< 2	7.83	< 2	22.7	34.7	290	2.2	50	6.7	4.9	1.3
151198	522,471	5,517,675	A16-10184	8.20	< 5	1350	70	< 3	< 2	7.38	< 2	3.0	40.1	630	53.2	10	1.2	0.9	0.3
151199	522,478	5,517,699	A16-10184	7.00	< 5	10	65	< 3	< 2	6.62	< 2	13.3	49.8	70	1.7	54	5.7	4.0	1.4
151200	522,480	5,517,746	A16-10184	6.92	7	50	98	8	< 2	6.11	3	28.3	43.0	100	1.5	51	6.8	4.7	1.6
151201	522,440	5,517,855	A16-10184	6.89	< 5	20	58	< 3	< 2	4.98	2	20.3	36.3	50	93.5	64	7.9	5.4	1.8
151202	522,461	5,517,960	A16-10184	7.96	< 5	< 10	1850	3	< 2	5.20	< 2	123.0	15.5	140	51.9	47	4.3	1.8	4.4
151203	522,483	5,517,978	A16-10184	7.77	< 5	60	27	< 3	< 2	8.13	< 2	12.8	34.8	130	11.8	39	3.6	2.2	1.3
151204	522,483	5,517,978	A16-10184	7.20	< 5	1520	183	16	< 2	0.63	< 2	27.0	1.0	60	20.8	4	5.4	3.2	0.3
151205	522,487	5,518,065	A16-10184	7.68	< 5	20	70	< 3	< 2	6.06	< 2	389.0	34.6	220	1.4	19	5.8	2.1	6.5
151206	522,482	5,518,100	A16-10184	7.67	< 5	30	44	14	3	13.60	< 2	42.3	41.7	370	5.8	18	3.2	2.0	1.4
151207	522,468	5,518,258	A16-10184	7.84	< 5	< 10	19	< 3	< 2	7.34	< 2	9.9	46.5	140	1.2	80	4.2	2.6	1.2
151208	522,495	5,518,282	A16-10184	5.80	< 5	20	132	< 3	< 2	6.56	< 2	50.7	19.9	50	2.1	166	14.8	9.6	3.6
151209	522,476	5,518,332	A16-10184	8.44	< 5	< 10	73	< 3	< 2	6.79	< 2	8.7	52.0	90	6.8	61	4.3	3.0	1.2
151210	522,411	5,518,510	A16-10184	8.12	< 5	20	61	34	< 2	7.78	2	12.5	50.1	240	4.8	128	3.6	2.6	0.9
151211	521,784	5,518,310	A16-10184	6.94	< 5	< 10	34	< 3	< 2	6.66	< 2	9.0	48.1	140	1.4	12	4.2	2.9	0.8

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	Fe	Ga	Gd	Ge	Ho	Hf	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S
151040	8.73	19.8	3.2	1.6	0.8	< 10	< 0.2	0.3	5.0	26	3.00	1600	< 1	4.0	7.9	60	3.9	1.6	4.2	< 0.01
151041	8.51	15.3	5.8	3.5	0.8	< 10	< 0.2	0.7	32.6	51	5.04	1400	< 1	7.2	38.5	60	1.3	9.4	34.6	0.05
151042	12.00	23.2	6.2	0.9	1.3	< 10	< 0.2	0.3	7.6	168	2.60	2000	< 1	6.6	15.0	20	1.4	2.9	48.3	< 0.01
151043	11.60	25.0	5.6	1.2	1.1	< 10	< 0.2	0.2	5.2	184	3.15	1810	< 1	6.3	11.1	10	2.6	2.1	5.1	0.06
151044	11.90	20.8	4.4	1.5	0.9	< 10	< 0.2	0.3	3.9	487	3.99	1860	< 1	4.9	7.9	70	1.0	1.4	179.0	< 0.01
151045	10.20	14.2	3.0	2.6	0.9	< 10	< 0.2	0.2	2.7	281	4.02	2550	< 1	< 2.4	6.7	50	< 0.8	1.3	18.2	0.02
151046	13.20	23.4	6.0	2.6	1.4	< 10	< 0.2	0.4	3.8	483	3.09	1830	< 1	6.3	11.1	10	2.0	1.9	22.2	< 0.01
151047	4.47	15.9	12.2	5.5	0.8	< 10	< 0.2	1.0	73.1	399	4.91	799	< 1	7.6	101.0	220	12.5	23.0	284.0	< 0.01
151048	11.70	20.6	6.2	2.5	1.9	10	0.2	0.2	7.9	212	2.31	2320	1	7.2	14.5	< 10	5.4	2.9	26.1	< 0.01
151051	8.88	17.5	3.1	2.7	0.9	< 10	< 0.2	0.1	4.5	55	3.36	1970	< 1	2.9	8.2	100	< 0.8	1.6	4.4	< 0.01
151052	9.09	16.9	3.0	3.1	0.8	< 10	< 0.2	0.3	3.3	117	4.58	1350	< 1	< 2.4	7.4	90	< 0.8	1.4	54.0	< 0.01
151053	8.75	15.2	2.5	3.0	0.7	< 10	< 0.2	0.4	2.6	68	5.21	1490	< 1	< 2.4	6.1	130	< 0.8	1.1	30.7	< 0.01
151054	8.80	16.5	2.7	3.1	0.8	< 10	< 0.2	0.2	3.9	116	4.32	1510	< 1	2.8	7.5	130	< 0.8	1.5	16.6	< 0.01
151055	12.10	22.7	5.3	2.7	1.3	< 10	< 0.2	0.3	6.0	403	2.93	1860	< 1	6.0	10.8	30	22.9	2.0	11.2	< 0.01
151056	10.10	14.0	3.2	3.4	0.9	< 10	< 0.2	0.2	4.7	335	4.14	1810	< 1	3.0	9.3	60	< 0.8	1.8	34.2	0.04
151057	10.60	14.2	3.3	2.8	1.0	< 10	< 0.2	0.2	2.8	195	4.27	1990	< 1	2.8	7.0	< 10	21.3	1.4	6.2	0.08
151058	11.60	19.0	4.3	1.5	1.2	< 10	< 0.2	0.4	2.1	450	2.93	2100	< 1	5.0	7.2	< 10	1.6	1.2	121.0	0.02
151059	11.60	26.5	9.6	2.8	2.6	< 10	< 0.2	0.2	6.3	283	1.52	1950	2	11.2	16.8	< 10	3.6	3.0	11.3	< 0.01
151060	13.90	24.4	7.4	3.3	1.9	< 10	< 0.2	0.3	8.5	107	1.63	3490	< 1	7.3	15.5	< 10	14.0	3.1	25.6	0.13
151061	11.20	21.9	4.2	3.0	1.0	< 10	< 0.2	1.0	4.3	545	4.32	1600	< 1	4.0	10.3	70	< 0.8	1.9	181.0	< 0.01
151062	11.30	20.9	4.5	3.6	1.4	< 10	< 0.2	0.4	4.6	158	2.61	2340	< 1	3.7	10.6	10	< 0.8	2.0	87.2	0.11
151063	10.00	19.9	3.6	3.4	1.0	< 10	< 0.2	0.6	4.8	201	3.71	1720	< 1	2.8	9.4	60	< 0.8	1.8	160.0	0.13
151064	12.10	23.5	6.8	3.7	1.6	< 10	< 0.2	0.8	13.4	328	2.84	1790	< 1	6.5	22.2	30	< 0.8	4.6	258.0	0.04
151117	11.60	22.3	9.1	3.6	2.4	< 10	< 0.2	0.2	15.1	219	2.67	2580	4	13.4	26.5	10	2.4	5.5	18.5	0.02
151118	11.90	18.3	7.7	4.4	2.0	< 10	< 0.2	0.4	15.3	124	2.17	3270	< 1	9.9	25.1	30	2.4	5.2	59.1	0.05
151119	10.60	20.3	6.0	3.8	1.5	< 10	< 0.2	0.2	10.7	64	2.09	2050	< 1	9.1	18.5	30	1.0	3.8	5.3	0.09
151161	9.36	22.1	4.5	< 0.7	1.4	< 10	< 0.2	0.6	3.0	883	2.92	1380	< 1	9.2	7.4	70	< 0.8	1.4	152.0	0.01
151167	12.30	19.4	3.3	1.1	0.8	< 10	< 0.2	0.1	4.7	375	4.18	1670	< 1	3.4	8.7	110	< 0.8	1.7	4.5	< 0.01
151168	0.45	64.2	0.1	3.1	< 0.2	10	< 0.2	2.3	0.9	60	0.02	208	< 1	89.2	0.7	20	11.8	0.2	469.0	< 0.01
151169	12.50	23.9	5.4	0.9	1.3	10	< 0.2	1.3	4.3	836	3.57	1710	2	6.9	13.0	50	3.3	2.1	929.0	0.01
151170	12.30	29.4	5.8	1.3	1.3	10	< 0.2	0.3	6.2	507	4.17	2180	2	6.1	15.2	90	1.0	2.9	49.6	0.02
151171	11.90	23.7	5.8	1.0	1.5	10	< 0.2	0.4	2.8	318	2.84	1970	3	6.8	11.3	40	< 0.8	1.8	79.9	< 0.01
151172	12.40	21.3	4.5	2.5	1.1	< 10	< 0.2	0.3	2.6	328	3.26	1690	1	4.8	10.0	50	3.2	1.7	19.8	0.01
151173	16.30	16.3	12.4	3.2	2.7	10	< 0.2	0.8	16.4	407	1.40	3520	1	10.5	36.7	10	3.4	7.1	92.9	0.59
151174	8.74	14.9	2.8	1.4	0.8	< 10	< 0.2	0.2	2.4	105	3.70	1590	< 1	2.8	6.4	60	2.5	1.1	1.8	< 0.01
151175	9.26	19.9	13.1	2.9	2.0	10	< 0.2	0.5	37.6	131	3.25	1990	1	4.1	69.7	100	2.4	7.7	10.0	0.12
151176	8.57	14.7	3.2	1.5	0.9	< 10	< 0.2	0.2	4.0	51	1.93	2320	< 1	3.3	8.6	110	0.9	1.7	3.6	< 0.01
151177	11.00	19.9	7.3	1.8	1.9	< 10	< 0.2	0.7	12.3	343	2.39	1640	1	11.0	20.3	30	0.9	4.5	190.0	0.01
151178	14.40	32.1	6.8	5.3	1.6	< 10	< 0.2	0.7	10.6	284	2.53	3370	< 1	20.4	20.4	60	1.5	4.4	56.8	0.06
151179	11.40	22.2	7.6	2.3	1.7	10	< 0.2	0.5	7.9	1350	2.93	2460	2	11.6	17.0	60	1.1	3.4	195.0	0.01
151180	12.30	18.7	5.4	2.5	1.5	< 10	< 0.2	0.2	5.9	468	3.14	1570	1	8.8	13.3	40	< 0.8	2.7	6.9	0.1
151181	14.00	27.5	8.4	3.1	2.2	< 10	< 0.2	0.2	13.8	241	4.15	3470	5	12.5	24.5	50	1.1	5.6	7.2	< 0.01

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	Fe	Ga	Gd	Ge	Ho	Hf	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S
151182	8.66	21.6	6.6	2.6	1.7	< 10	< 0.2	0.5	12.7	202	1.92	1440	3	10.8	22.8	40	< 0.8	4.8	25.6	0.02
151183	9.06	13.4	1.3	1.0	0.4	10	< 0.2	< 0.1	5.0	1230	2.05	1130	3	7.2	5.6	30	2.1	1.4	16.8	< 0.01
151184	12.20	20.5	5.0	2.6	1.4	< 10	< 0.2	0.7	7.1	452	3.27	2800	< 1	8.0	10.1	50	< 0.8	2.2	305.0	0.07
151185	9.80	20.3	5.5	1.8	1.5	< 10	< 0.2	0.3	5.9	226	2.68	2240	< 1	8.6	13.5	60	< 0.8	2.8	129.0	< 0.01
151186	10.20	27.9	7.5	2.6	1.9	< 10	< 0.2	0.5	11.1	91	2.02	1610	< 1	8.3	21.8	20	1.9	4.5	22.9	0.03
151187	12.40	27.0	8.3	1.5	2.3	10	< 0.2	0.3	7.3	349	2.53	2110	2	9.2	16.3	30	< 0.8	3.0	9.6	0.06
151188	9.57	22.7	4.4	1.7	0.9	< 10	< 0.2	0.4	1.5	373	2.80	1670	< 1	5.8	8.2	70	< 0.8	1.2	76.2	< 0.01
151189	1.07	54.9	0.2	3.2	< 0.2	10	< 0.2	1.5	0.4	67	0.03	421	< 1	58.9	0.7	10	3.1	0.1	811.0	< 0.01
151190	12.60	22.8	6.8	2.9	1.8	10	< 0.2	0.5	4.8	103	2.02	1720	2	8.0	13.3	10	< 0.8	2.4	22.6	< 0.01
151191	9.52	24.1	5.0	2.1	1.0	20	< 0.2	0.2	2.8	65	2.68	1660	< 1	4.3	15.2	70	3.3	2.5	5.8	< 0.01
151192	6.82	32.6	11.7	1.5	3.8	20	< 0.2	0.6	4.7	417	1.62	905	< 1	19.9	15.1	20	1.8	2.5	61.9	< 0.01
151193	12.60	24.8	5.7	1.3	1.3	10	< 0.2	0.5	6.6	108	3.48	2030	< 1	5.5	14.9	50	< 0.8	2.9	52.3	0.01
151194	11.40	27.9	4.1	1.0	1.3	10	< 0.2	0.4	7.1	602	4.63	2540	< 1	4.3	12.2	80	1.2	2.4	82.6	< 0.01
151195	1.77	24.7	2.8	1.9	0.3	10	< 0.2	3.3	27.8	316	0.29	432	< 1	26.3	21.2	< 10	22.3	5.9	528.0	< 0.01
151196	9.67	16.1	3.0	1.3	0.8	< 10	< 0.2	0.2	4.7	48	4.21	1490	< 1	3.2	8.8	120	1.9	1.8	5.7	< 0.01
151197	13.30	18.4	5.7	2.9	1.6	< 10	< 0.2	0.4	10.5	187	2.84	3110	3	8.7	15.9	50	1.3	3.3	14.3	0.04
151198	6.04	11.1	0.9	1.5	0.3	< 10	< 0.2	0.8	1.2	351	6.46	1180	< 1	< 2.4	2.5	110	< 0.8	0.5	82.3	< 0.01
151199	12.60	19.0	5.1	2.2	1.3	< 10	< 0.2	0.2	5.0	106	3.30	1640	< 1	7.9	13.1	60	< 0.8	2.3	6.9	0.02
151200	13.10	19.9	5.9	4.5	1.6	10	< 0.2	0.4	11.5	99	2.52	3250	2	8.7	20.7	60	21.7	4.3	42.9	0.14
151201	12.50	23.6	7.1	3.8	1.8	10	< 0.2	1.2	7.8	318	3.63	1590	2	7.9	17.5	30	3.0	3.4	129.0	0.05
151202	5.01	22.6	11.2	3.2	0.7	10	< 0.2	1.2	45.4	210	3.34	841	< 1	8.2	90.5	50	40.2	20.5	99.4	0.38
151203	8.77	20.1	4.0	2.3	0.7	< 10	< 0.2	0.5	3.9	167	2.30	1600	< 1	3.9	13.0	70	2.0	2.4	74.3	< 0.01
151204	1.09	27.9	4.4	2.7	1.1	10	< 0.2	4.1	10.4	32	0.09	343	1	32.2	11.9	10	26.9	3.1	734.0	< 0.01
151205	5.42	22.3	17.5	6.0	0.9	10	< 0.2	0.3	190.0	97	3.86	1190	< 1	8.1	211.0	190	7.4	54.5	21.6	< 0.01
151206	6.29	22.5	4.7	5.0	0.7	< 10	< 0.2	0.1	17.0	222	3.00	1720	< 1	6.4	25.8	200	2.0	6.1	14.7	< 0.01
151207	11.40	21.0	3.8	3.0	0.9	< 10	< 0.2	0.3	3.4	267	3.86	1630	< 1	4.1	9.0	80	< 0.8	1.7	18.8	0.03
151208	13.70	32.1	15.6	3.0	3.2	20	< 0.2	0.3	18.1	129	0.99	3640	1	12.9	43.6	10	1.9	8.6	16.4	0.20
151209	12.40	23.0	3.9	3.2	1.0	< 10	< 0.2	0.8	2.3	207	3.04	1620	< 1	4.1	8.9	80	2.0	1.5	48.8	< 0.01
151210	7.80	25.1	3.2	2.9	0.8	< 10	< 0.2	0.5	5.3	180	2.99	1770	< 1	8.6	9.1	110	< 0.8	1.8	95.6	< 0.01
151211	8.58	17.6	3.1	2.5	1.0	< 10	< 0.2	0.2	3.2	277	3.42	1980	< 1	3.5	7.3	70	0.9	1.4	10.1	< 0.01

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
151040	< 2	22.4	2.1	< 0.5	217	< 0.2	0.6	< 6	0.5	0.56	< 0.1	0.3	0.1	277	< 0.7	21.1	2.0	90
151041	< 2	22.2	7.3	< 0.5	700	< 0.2	0.8	< 6	3.2	0.56	< 0.1	0.3	0.5	225	< 0.7	19.7	1.7	90
151042	< 2	23.3	4.2	< 0.5	423	< 0.2	1.0	< 6	0.9	1.06	0.2	0.6	0.2	335	< 0.7	35.2	3.3	150
151043	< 2	22.9	3.5	< 0.5	259	< 0.2	0.9	< 6	0.6	1.07	< 0.1	0.5	0.3	323	< 0.7	29.4	2.6	120
151044	< 2	22.3	2.7	< 0.5	128	0.2	0.7	< 6	0.5	0.87	1.3	0.4	0.2	289	< 0.7	25.1	2.4	130
151045	< 2	24.0	2.0	< 0.5	91	< 0.2	0.6	< 6	< 0.1	0.55	< 0.1	0.4	0.1	317	< 0.7	22.4	2.4	180
151046	< 2	22.8	4.3	< 0.5	196	< 0.2	1.1	< 6	0.5	1.33	< 0.1	0.6	0.4	453	2.0	34.6	3.4	130
151047	< 2	25.9	19.4	1.1	1180	< 0.2	1.3	< 6	24.9	0.40	2.1	0.2	3.3	103	3.4	19.7	1.0	90
151048	< 2	26.2	4.6	6.8	81	< 0.2	1.3	< 6	1.2	0.98	< 0.1	0.9	0.4	221	3.0	46.2	5.3	200
151051	< 2	23.2	2.3	< 0.5	92	< 0.2	0.6	< 6	0.1	0.57	< 0.1	0.4	0.1	298	11.0	22.4	2.2	90
151052	< 2	22.9	2.1	< 0.5	243	< 0.2	0.6	< 6	< 0.1	0.51	0.2	0.4	0.1	270	5.4	19.9	2.1	80
151053	< 2	22.3	1.7	< 0.5	115	< 0.2	0.5	< 6	< 0.1	0.44	< 0.1	0.3	< 0.1	246	4.8	17.0	1.8	80
151054	< 2	24.0	2.1	5.6	116	< 0.2	0.5	< 6	0.3	0.46	< 0.1	0.3	0.2	227	15.9	18.8	1.9	80
151055	< 2	23.1	3.9	< 0.5	137	< 0.2	1.0	< 6	0.6	1.03	< 0.1	0.6	0.2	364	4.0	33.7	3.3	140
151056	452	23.2	2.4	< 0.5	82	< 0.2	0.6	< 6	0.4	0.57	< 0.1	0.4	0.5	262	4.4	21.0	2.3	70
151057	< 2	22.9	2.2	1.3	40	< 0.2	0.7	< 6	0.1	0.57	< 0.1	0.4	< 0.1	322	4.4	23.6	2.5	140
151058	< 2	23.8	2.4	5.3	98	< 0.2	0.8	< 6	0.4	0.70	0.6	0.6	0.3	325	< 0.7	31.7	3.3	140
151059	< 2	27.2	7.0	4.6	155	0.2	1.9	< 6	1.5	0.99	< 0.1	1.1	0.5	33	4.4	64.0	6.4	410
151060	< 2	23.6	5.3	3.2	146	< 0.2	1.4	< 6	0.9	1.13	< 0.1	0.8	0.3	228	4.5	45.8	4.7	190
151061	< 2	23.1	3.3	< 0.5	102	< 0.2	0.8	< 6	0.5	0.94	0.8	0.4	0.2	335	4.7	24.1	2.4	90
151062	< 2	23.9	3.2	< 0.5	70	< 0.2	0.9	< 6	0.4	0.81	0.4	0.6	0.2	375	3.4	35.1	4	140
151063	< 2	20.8	2.7	< 0.5	140	< 0.2	0.7	< 6	0.2	0.59	0.4	0.4	0.1	320	3.1	25.0	2.6	90
151064	< 2	23.4	6.0	3.6	134	< 0.2	1.3	< 6	0.8	1.04	1.6	0.6	0.5	288	12.8	38.4	3.7	150
151117	< 2	24.6	7.7	4.7	174	0.5	1.8	< 6	1.7	1.16	< 0.1	1.1	0.5	365	0.7	59.2	6.4	180
151118	< 2	23.6	6.9	6.3	282	< 0.2	1.5	< 6	1.1	1.16	0.2	0.9	0.4	438	11.2	50.3	5	110
151119	< 2	25.6	5.1	2.3	195	< 0.2	1.1	< 6	0.8	1.01	< 0.1	0.7	0.3	353	13.3	37.0	3.9	120
151161	< 2	25.6	2.7	1.0	174	0.4	0.9	< 6	0.8	1.18	0.8	0.6	0.3	397	< 0.7	35.3	4.3	160
151167	< 2	22.2	2.4	0.8	161	< 0.2	0.6	< 6	0.3	0.84	< 0.1	0.3	0.1	288	< 0.7	19.4	2.4	120
151168	< 2	> 30.0	< 0.1	45.4	21	131	< 0.1	< 6	1.4	< 0.01	3.5	< 0.1	6.4	< 5	8.4	0.9	< 0.1	< 30
151169	< 2	22.5	3.9	3.7	195	0.4	1.0	< 6	1.1	1.13	8.9	0.5	2.0	375	< 0.7	30.9	3.5	140
151170	< 2	21.7	4.4	8.3	126	0.3	1.1	< 6	0.6	0.99	0.3	0.6	0.3	498	< 0.7	32.6	3.7	150
151171	< 2	23.6	3.8	1.6	126	0.3	1.1	< 6	0.6	1.16	0.6	0.6	0.3	546	< 0.7	34.5	4.2	150
151172	< 2	22.8	3.3	4.5	196	< 0.2	0.8	< 6	0.6	1.12	< 0.1	0.5	0.3	368	1.4	25.6	2.9	130
151173	< 2	22.9	10.8	4.0	72	0.5	2.2	< 6	1.3	0.92	0.5	1.2	0.4	27	< 0.7	67.5	7.6	220
151174	< 2	25.2	1.7	0.9	85	< 0.2	0.5	< 6	0.2	0.50	< 0.1	0.3	0.1	272	< 0.7	19.5	2.3	90
151175	< 2	22.6	17.2	1.3	274	< 0.2	1.4	< 6	0.9	0.59	< 0.1	0.7	0.3	337	< 0.7	38.0	4.9	130
151176	< 2	25.4	2.3	0.9	75	< 0.2	0.6	< 6	0.1	0.64	< 0.1	0.4	< 0.1	304	< 0.7	21.9	2.7	130
151177	< 2	24.2	5.2	2.1	184	0.5	1.3	< 6	1.4	1.00	1.1	0.9	0.4	287	< 0.7	47.3	5.7	130
151178	< 2	19.8	5.1	231.0	148	18.5	1.2	< 6	1.1	1.30	0.5	0.8	0.4	446	0.8	42.2	4.9	200
151179	< 2	24.4	5.2	3.9	141	1	1.4	< 6	1.2	1.05	1.8	0.8	0.4	425	< 0.7	48.3	5.8	160
151180	< 2	24.0	4.0	1.3	168	0.4	1.1	< 6	0.9	1.11	< 0.1	0.6	0.3	346	< 0.7	37.6	4.5	130
151181	< 2	> 30.0	6.5	1.6	259	0.6	1.5	< 6	1.5	1.40	< 0.1	1.0	0.4	529	< 0.7	54.7	6.5	170

Appendix III
Mavis West Project 2016 Lithogeochemical Results

Sample	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
151182	< 2	25.7	5.5	4.2	123	0.5	1.2	< 6	1.3	1.16	< 0.1	0.8	0.3	399	< 0.7	42.3	5.2	140
151183	< 2	> 30.0	1.0	1.6	140	0.4	0.3	< 6	2.2	0.19	< 0.1	0.2	0.6	35	< 0.7	11.2	1.2	160
151184	< 2	21.2	3.3	1.5	112	0.3	1.0	< 6	0.9	1.09	2.0	0.6	0.3	392	< 0.7	34.7	4.3	120
151185	< 2	23.6	4.1	1.6	153	0.3	1.1	< 6	0.8	1.08	1.1	0.7	0.3	371	< 0.7	37.9	4.4	150
151186	< 2	26.0	6.0	5.0	66	0.3	1.4	< 6	1.1	1.04	< 0.1	0.8	0.4	219	< 0.7	46.3	6.1	130
151187	< 2	23.6	5.5	1.4	181	0.4	1.6	< 6	1.0	1.44	< 0.1	0.9	0.3	396	< 0.7	55.4	6.6	150
151188	< 2	24.3	3.2	4.8	251	1.9	0.8	< 6	< 0.1	0.95	0.6	0.4	0.4	255	< 0.7	23.6	2.4	150
151189	< 2	> 30.0	< 0.1	173.0	34	29.4	< 0.1	< 6	0.9	0.02	4.6	< 0.1	4.3	< 5	< 0.7	0.7	< 0.1	150
151190	< 2	24.6	4.6	2.5	119	0.4	1.3	< 6	0.7	1.24	< 0.1	0.8	0.4	251	< 0.7	43.9	5.2	150
151191	< 2	24.8	4.6	2.0	291	< 0.2	0.8	< 6	< 0.1	1.00	< 0.1	0.4	0.4	265	< 0.7	23.5	2.4	160
151192	< 2	29.7	7.0	2.7	222	1.4	2.6	< 6	2.6	0.77	0.3	1.7	0.9	125	< 0.7	96.1	11.9	50
151193	< 2	22.5	4.0	1.6	141	< 0.2	1.0	< 6	0.6	1.10	0.1	0.5	0.2	443	< 0.7	31.3	3.6	150
151194	< 2	20.4	3.0	1.0	155	< 0.2	0.8	< 6	2.0	0.64	0.5	0.6	0.4	373	< 0.7	29.8	3.8	130
151195	< 2	> 30.0	3.5	27.7	133	10.5	0.4	< 6	33.2	0.13	3.5	0.1	5.8	28	< 0.7	9.9	0.9	70
151196	< 2	21.8	2.1	0.9	239	< 0.2	0.6	< 6	0.4	0.52	< 0.1	0.4	0.2	227	< 0.7	21.2	2.6	100
151197	< 2	22.8	4.0	5.5	172	0.4	1.1	< 6	1.1	0.94	< 0.1	0.7	0.3	335	5.9	39.7	4.6	110
151198	< 2	23.1	0.5	1.4	127	< 0.2	0.2	< 6	< 0.1	0.20	0.2	0.1	< 0.1	173	< 0.7	6.9	0.8	50
151199	< 2	22.7	3.9	0.7	193	0.2	1.0	< 6	0.6	1.06	< 0.1	0.6	0.2	355	< 0.7	32.0	4.0	130
151200	< 2	23.4	4.7	31.5	124	0.3	1.0	< 6	1.0	1.11	0.3	0.7	0.3	366	1.1	36.9	4.4	160
151201	< 2	23.3	4.9	2.9	247	0.4	1.3	< 6	0.8	1.28	0.9	0.7	0.4	386	< 0.7	47.1	5.3	140
151202	< 2	24.7	15.7	1.6	2810	< 0.2	1.1	< 6	26.4	0.45	0.8	0.2	5.4	138	< 0.7	18.4	1.4	100
151203	< 2	24.6	3.4	2.4	246	< 0.2	0.7	< 6	0.3	0.90	0.5	0.3	0.4	198	< 0.7	18.0	1.8	120
151204	< 2	> 30.0	3.4	6.5	85	11.6	1.0	< 6	23.5	0.03	4.6	0.5	18.4	8	< 0.7	34.5	3.4	70
151205	< 2	25.8	28.8	2.5	725	< 0.2	1.5	< 6	24.5	0.48	< 0.1	0.3	5.1	164	< 0.7	24.4	1.6	210
151206	< 2	23.8	4.5	16.0	359	< 0.2	0.6	< 6	1.4	0.51	< 0.1	0.3	0.5	190	< 0.7	16.9	2.0	100
151207	< 2	22.8	2.8	1.6	179	< 0.2	0.7	< 6	0.4	0.91	< 0.1	0.4	0.2	326	< 0.7	22.8	2.5	140
151208	< 2	25.5	11.9	2.8	186	0.7	2.6	< 6	1.6	0.83	< 0.1	1.3	0.5	29	< 0.7	78.9	8.8	260
151209	< 2	22.4	2.9	1.8	311	0.3	0.7	< 6	0.4	1.06	0.2	0.4	0.3	510	< 0.7	23.9	3.0	130
151210	< 2	22.6	2.2	64.8	151	2.7	0.6	< 6	0.5	0.43	0.6	0.4	0.6	250	< 0.7	21.9	2.7	120
151211	< 2	23.9	2.0	1.5	72	< 0.2	0.6	< 6	0.3	0.48	< 0.1	0.4	0.1	328	< 0.7	24.1	3.1	100

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

Date Submitted:	04-Oct-16
Invoice No.:	A16-10184
Invoice Date:	14-Nov-16
Your Reference:	Mavis Fairservice

International Lithium Corp.
PO Box 62
Suite 488 - 625 Howe Street
Vancouver B.C. V6C 2T6
Canada

ATTN: John Harrop

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-7 Sodium Peroxide Fusion (ICP & ICPMS)

REPORT **A16-10184**

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151001	5.51	8	< 10	381	17	< 2	7.35	3	69.8	50.8	830	474	30	4.4	2.2	2.6	7.73	16.2	7.3	4.3	0.9	10	0.4
151002	6.99	14	450	70	< 3	< 2	3.91	< 2	50.4	19.6	< 30	5.0	9	12.7	9.0	3.0	11.5	27.8	11.5	3.9	3.0	10	0.3
151003	7.74	< 5	< 10	5	< 3	< 2	6.53	< 2	10.9	38.4	140	0.4	49	3.9	2.1	1.4	9.71	20.1	3.8	2.3	0.8	< 10	< 0.2
151004	7.88	< 5	1580	34	4	< 2	7.27	< 2	12.7	46.1	160	2.3	18	3.8	2.3	1.4	9.39	19.3	4.1	3.2	0.8	< 10	< 0.2
151005	6.43	< 5	< 10	6	< 3	< 2	2.05	< 2	42.9	11.8	30	0.7	< 2	13.6	11.5	2.2	8.12	26.2	9.4	3.0	3.7	20	< 0.2
151006	6.44	< 5	20	60	9	3	7.27	< 2	65.1	8.6	40	8.3	< 2	20.2	14.8	3.2	6.22	31.3	18.0	6.3	4.9	20	< 0.2
151007	8.12	< 5	< 10	35	< 3	< 2	6.36	< 2	9.3	46.7	150	1.5	21	3.9	2.3	1.1	8.73	20.1	4.1	2.4	0.9	< 10	< 0.2
151008	7.74	< 5	550	34	12	< 2	6.11	< 2	17.4	34.4	90	50.4	24	8.3	5.5	1.6	10.7	22.3	6.7	3.0	2.1	10	< 0.2
151009	7.90	< 5	3580	19	5	< 2	5.90	< 2	6.8	54.5	120	53.2	5	5.6	3.8	1.3	12.5	21.6	4.4	3.3	1.3	< 10	< 0.2
151010	7.85	< 5	30	17	< 3	< 2	6.80	< 2	8.2	40.6	140	1.6	31	3.6	2.1	1.3	9.51	19.1	3.9	2.5	0.8	< 10	< 0.2
151011	8.03	< 5	30	534	< 3	< 2	6.25	< 2	72.2	42.7	240	28.0	19	4.4	2.5	2.5	8.94	21.3	6.7	4.4	0.9	< 10	< 0.2
151012	7.60	< 5	230	214	70	< 2	3.51	3	12.8	46.3	80	1450	16	5.8	4.1	1.0	12.9	33.8	5.1	6.4	1.3	< 10	< 0.2
151013	6.09	< 5	< 10	52	< 3	< 2	5.59	< 2	19.0	27.7	< 30	15.3	8	8.6	5.8	1.9	12.7	24.0	7.5	3.2	2.0	10	< 0.2
151014	7.54	< 5	< 10	112	< 3	< 2	7.50	< 2	26.7	47.9	510	4.3	29	2.6	1.7	1.1	6.45	17.5	3.5	3.3	0.6	< 10	< 0.2
151015	7.42	< 5	< 10	22	< 3	< 2	6.90	< 2	11.1	38.9	60	3.9	25	5.8	4.1	1.5	13.1	24.1	5.1	3.2	1.4	< 10	< 0.2
151016	7.88	< 5	90	433	29	< 2	0.38	< 2	17.9	0.6	30	51.8	< 2	0.5	0.2	0.2	0.53	29.0	0.9	4.9	< 0.2	< 10	< 0.2
151017	6.55	< 5	< 10	7	< 3	< 2	3.83	< 2	32.7	18.8	40	1.0	20	14.2	10.0	2.3	7.67	31.8	11.9	3.4	3.2	20	< 0.2
151018	6.47	< 5	< 10	442	< 3	< 2	5.43	< 2	22.0	31.4	< 30	24.8	14	7.8	4.7	2.1	13.2	27.9	7.6	3.5	1.7	< 10	< 0.2
151019	6.34	< 5	< 10	385	< 3	< 2	5.69	< 2	18.7	29.3	< 30	125	9	8.7	5.6	2.0	13.6	25.5	7.8	3.4	2.0	< 10	< 0.2
151020	7.06	< 5	< 10	11	< 3	< 2	5.02	< 2	12.0	36.6	70	4.5	22	5.9	3.7	1.5	12.6	22.7	5.1	3.6	1.4	< 10	< 0.2
151021	8.30	< 5	< 10	239	3	< 2	5.73	< 2	39.1	35.8	350	84.3	16	2.9	1.6	1.5	6.12	17.7	4.0	3.4	0.6	< 10	< 0.2
151022	7.14	< 5	< 10	200	< 3	< 2	9.37	< 2	36.9	51.3	580	3.2	22	4.4	2.6	1.9	10.2	15.1	5.1	3.9	0.9	< 10	< 0.2
151023	5.51	< 5	< 10	65	< 3	< 2	8.83	< 2	79.2	50.9	770	1.7	10	4.1	1.9	2.5	7.42	13.4	7.2	4.0	0.8	< 10	< 0.2
151024	6.24	< 5	3530	693	13	< 2	7.55	< 2	44.9	48.2	850	146	6	3.4	1.8	2.4	6.82	14.8	5.5	3.8	0.7	< 10	< 0.2
151025	7.68	< 5	60	169	< 3	< 2	4.93	< 2	16.4	38.4	240	39.5	28	2.8	1.8	1.0	6.84	18.1	2.9	3.0	0.7	< 10	< 0.2
151026	7.77	< 5	30	23	< 3	< 2	5.55	< 2	14.8	43.9	< 30	5.4	17	6.5	4.6	1.6	12.3	23.6	6.5	1.2	1.4	< 10	< 0.2
151027	5.86	< 5	10	30	< 3	< 2	7.52	< 2	39.9	16.8	< 30	2.8	59	12.3	7.3	3.2	14.0	28.7	12.1	3.1	2.9	10	< 0.2
151028	7.95	< 5	< 10	49	< 3	< 2	7.26	< 2	9.2	51.7	90	2.6	22	3.6	2.6	0.9	9.14	16.8	2.9	2.6	0.9	< 10	< 0.2
151029	7.29	< 5	< 10	29	< 3	< 2	6.74	< 2	7.0	51.5	140	2.1	42	3.7	2.6	0.8	9.52	16.1	3.5	1.9	0.8	< 10	< 0.2
151030	7.81	< 5	< 10	50	< 3	< 2	6.71	< 2	5.4	55.1	130	3.3	28	3.6	2.5	1.0	10.3	19.5	3.6	2.1	0.8	< 10	< 0.2
151031	7.12	6	< 10	119	< 3	< 2	7.65	< 2	11.1	52.8	< 30	2.8	74	5.0	4.0	1.0	11.7	18.5	4.2	1.2	1.2	< 10	< 0.2
151032	8.09	< 5	< 10	26	< 3	< 2	6.77	< 2	6.7	62.0	130	3.8	17	3.9	2.4	1.1	11.4	21.2	4.1	1.7	0.8	< 10	< 0.2
151033	7.67	< 5	10	190	< 3	< 2	6.95	< 2	14.7	41.8	< 30	6.5	25	6.7	4.5	1.7	13.0	25.7	6.6	1.2	1.4	< 10	< 0.2
151034	6.98	< 5	< 10	139	< 3	< 2	6.53	< 2	10.6	35.9	110	15.7	3	4.0	2.4	2.7	7.81	21.2	5.3	2.2	0.8	< 10	< 0.2
151035	8.61	< 5	10	44	< 3	< 2	3.16	< 2	23.2	16.2	< 30	4.5	31	3.1	2.1	1.1	5.52	20.8	3.1	1.5	0.6	< 10	< 0.2
151036	7.75	< 5	1050	124	< 3	< 2	7.26	< 2	12.7	43.4	210	7.9	48	4.1	2.4	1.4	9.24	19.1	4.9	2.0	0.8	< 10	< 0.2
151037	5.92	< 5	< 10	91	3	< 2	3.87	< 2	46.1	7.1	< 30	6.9	< 2	17.3	14.0	2.3	6.35	29.4	13.8	3.0	4.0	20	< 0.2
151038	6.23	< 5	< 10	12	< 3	< 2	2.89	< 2	32.0	15.5	< 30	16.9	< 2	15.3	11.3	2.5	8.54	26.9	13.3	2.2	3.4	10	< 0.2
151039	6.62	< 5	20	333	< 3	< 2	4.93	< 2	20.0	34.7	< 30	15.6	22	9.3	6.9	1.6	10.3	23.7	7.7	1.8	2.1	10	< 0.2
151040	7.12	< 5	30	50	< 3	< 2	12.5	< 2	11.3	42.4	200	3.1	50	3.5	2.6	0.9	8.73	19.8	3.2	1.6	0.8	< 10	< 0.2
151041	7.21	< 5	20	575	< 3	< 2	10.2	< 2	72.0	37.7	170	23.5	238	3.9	2.1	2.4	8.51	15.3	5.8	3.5	0.8	< 10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151042	6.70	< 5	< 10	121	< 3	< 2	7.77	< 2	19.5	43.2	< 30	5.5	75	6.1	4.3	1.6	12.0	23.2	6.2	0.9	1.3	< 10	< 0.2
151043	7.43	< 5	< 10	33	< 3	< 2	6.71	< 2	13.1	26.2	60	2.2	10	5.3	3.4	1.4	11.6	25.0	5.6	1.2	1.1	< 10	< 0.2
151044	7.70	< 5	110	40	< 3	< 2	6.61	< 2	8.5	56.0	90	328	8	4.3	3.0	1.1	11.9	20.8	4.4	1.5	0.9	< 10	< 0.2
151045	7.06	< 5	< 10	62	< 3	< 2	7.41	< 2	7.9	46.1	190	7.8	3	3.9	2.6	0.8	10.2	14.2	3.0	2.6	0.9	< 10	< 0.2
151046	6.77	< 5	< 10	206	< 3	< 2	6.81	< 2	10.9	42.1	< 30	9.7	32	6.4	3.9	1.7	13.2	23.4	6.0	2.6	1.4	< 10	< 0.2
151047	7.05	18	< 10	769	< 3	< 2	5.87	< 2	190	27.8	290	131	< 2	4.7	1.6	5.4	4.47	15.9	12.2	5.5	0.8	< 10	< 0.2
151048	6.28	21	< 10	62	< 3	< 2	6.04	< 2	20.1	34.9	30	8.1	26	7.8	5.5	1.6	11.7	20.6	6.2	2.5	1.9	10	0.2
151049	8.31	8	910	17	25	< 2	0.98	< 2	28.7	1.1	50	2.8	< 2	1.7	0.9	0.4	0.81	36.0	2.1	4.3	0.3	< 10	< 0.2
151050	6.46	9	< 10	82	< 3	< 2	5.18	< 2	21.7	33.3	< 30	5.2	7	8.4	5.8	2.2	12.9	24.9	9.0	1.9	1.8	10	< 0.2
151051	7.40	< 5	< 10	19	< 3	< 2	10.7	< 2	11.1	53.8	260	2.6	39	3.7	2.6	0.9	8.88	17.5	3.1	2.7	0.9	< 10	< 0.2
151052	8.15	< 5	< 10	41	< 3	< 2	7.78	< 2	8.9	49.5	190	62.8	22	3.5	2.4	0.9	9.09	16.9	3.0	3.1	0.8	< 10	< 0.2
151053	8.15	< 5	90	69	< 3	< 2	8.34	< 2	7.3	53.4	250	24.2	60	3.0	2.0	0.7	8.75	15.2	2.5	3.0	0.7	< 10	< 0.2
151054	7.49	7	< 10	26	4	< 2	9.30	< 2	10.2	51.5	160	6.8	21	3.3	2.2	1.0	8.80	16.5	2.7	3.1	0.8	< 10	< 0.2
151055	7.17	< 5	< 10	36	< 3	< 2	6.39	< 2	13.3	40.2	80	0.3	13	5.9	3.9	1.5	12.1	22.7	5.3	2.7	1.3	< 10	< 0.2
151056	7.26	25	10	32	< 3	< 2	7.49	< 2	12.5	40.4	220	1.8	< 2	3.7	2.5	0.9	10.1	14.0	3.2	3.4	0.9	< 10	< 0.2
151057	7.48	< 5	< 10	41	< 3	< 2	6.89	< 2	8.5	24.6	130	0.7	79	4.1	2.9	0.9	10.6	14.2	3.3	2.8	1.0	< 10	< 0.2
151058	7.59	< 5	< 10	128	4	< 2	6.01	< 2	6.8	39.3	< 30	37.9	15	5.1	4.0	1.0	11.6	19.0	4.3	1.5	1.2	< 10	< 0.2
151059	6.57	54	< 10	23	< 3	< 2	4.96	< 2	19.0	16.9	30	1.7	9	11.3	7.3	2.3	11.6	26.5	9.6	2.8	2.6	< 10	< 0.2
151060	6.92	< 5	10	55	< 3	< 2	6.38	< 2	21.1	23.8	< 30	0.7	41	8.3	5.6	2.0	13.9	24.4	7.4	3.3	1.9	< 10	< 0.2
151061	7.87	< 5	< 10	149	< 3	< 2	4.85	< 2	11.0	49.4	130	59.1	134	4.7	2.9	1.3	11.2	21.9	4.2	3.0	1.0	< 10	< 0.2
151062	7.93	6	10	36	< 3	< 2	7.93	< 2	12.8	46.8	40	2.6	96	5.9	4.3	1.2	11.3	20.9	4.5	3.6	1.4	< 10	< 0.2
151063	8.06	< 5	30	108	< 3	< 2	9.99	< 2	11.9	50.5	160	5.4	97	4.3	3.0	1.0	10.0	19.9	3.6	3.4	1.0	< 10	< 0.2
151064	7.46	< 5	< 10	72	< 3	2	6.12	< 2	31.6	45.0	60	79.5	137	7.0	4.4	1.8	12.1	23.5	6.8	3.7	1.6	< 10	< 0.2
151101	6.54	< 5	< 10	110	< 3	< 2	10.5	< 2	64.0	48.8	680	9.2	23	4.3	2.3	2.5	8.28	14.0	6.9	4.3	0.9	< 10	< 0.2
151102	7.51	5	160	510	< 3	< 2	9.14	< 2	52.4	57.1	600	89.7	99	4.9	2.8	2.2	9.92	16.3	6.0	4.3	1.0	< 10	< 0.2
151103	9.74	< 5	210	27	12	< 2	0.46	< 2	1.8	1.2	50	1.6	< 2	< 0.3	< 0.1	< 0.1	0.38	42.3	0.1	5.9	< 0.2	10	< 0.2
151104	8.34	< 5	< 10	215	< 3	< 2	7.82	< 2	76.8	37.7	200	36.9	14	5.5	2.8	3.1	8.45	19.3	8.2	3.9	1.1	10	< 0.2
151105	7.87	< 5	10	14	< 3	< 2	6.23	< 2	9.1	34.4	140	1.5	26	4.1	2.3	1.4	9.84	19.4	4.3	2.8	0.9	10	< 0.2
151106	7.02	< 5	30	23	< 3	< 2	4.52	< 2	14.2	30.5	60	2.2	34	8.6	5.9	1.9	13.1	23.9	6.9	3.9	2.0	10	< 0.2
151107	7.63	39	20	< 3	68	< 2	0.18	4	< 0.8	0.7	70	42.2	< 2	< 0.3	< 0.1	< 0.1	0.67	58.0	< 0.1	5.2	< 0.2	10	< 0.2
151108	8.04	< 5	390	19	< 3	< 2	5.50	< 2	11.1	29.1	160	9.0	22	3.9	2.2	1.3	9.46	18.8	4.1	2.7	0.8	< 10	< 0.2
151109	7.29	8	320	137	< 3	< 2	3.13	< 2	31.7	15.8	40	40.7	< 2	15.4	10.8	2.9	9.30	26.4	12.1	3.5	3.7	20	< 0.2
151110	6.94	< 5	1610	73	< 3	< 2	5.80	< 2	7.3	42.1	40	39.2	101	6.4	4.5	1.4	13.0	20.9	5.2	2.8	1.5	< 10	< 0.2
151111	6.58	< 5	20	92	< 3	< 2	2.50	< 2	17.7	8.4	30	23.9	2	18.3	13.5	2.2	5.51	24.9	11.8	3.4	4.6	20	< 0.2
151112	7.81	< 5	10	298	< 3	< 2	8.16	< 2	28.8	40.2	70	8.0	40	9.6	6.7	2.3	13.1	25.6	8.1	3.1	2.2	10	< 0.2
151113	6.11	7	20	172	< 3	< 2	4.13	< 2	34.7	24.2	70	18.7	83	9.0	6.0	1.9	6.77	17.5	8.2	3.0	2.1	10	< 0.2
151114	7.98	< 5	20	188	< 3	< 2	2.18	< 2	28.1	30.6	60	24.8	41	9.5	6.4	1.5	8.03	24.4	7.7	3.3	2.2	10	< 0.2
151115	6.21	< 5	10	82	5	< 2	0.97	< 2	68.0	4.6	40	35.2	< 2	18.1	12.7	2.9	2.16	25.3	14.3	4.0	4.3	20	< 0.2
151116	7.66	< 5	360	120	98	5	0.54	2	18.7	3.8	40	55.7	12	8.2	5.9	1.1	1.45	37.3	5.4	5.8	2.0	20	< 0.2
151117	7.14	< 5	20	17	4	< 2	6.37	< 2	37.2	39.6	40	2.8	10	10.6	6.9	2.5	11.6	22.3	9.1	3.6	2.4	< 10	< 0.2
151118	7.11	< 5	390	520	7	< 2	8.02	< 2	35.7	52.6	50	6.3	23	8.8	5.9	2.2	11.9	18.3	7.7	4.4	2.0	< 10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151119	7.29	< 5	10	132	< 3	< 2	7.85	< 2	26.5	41.9	90	1.2	74	6.6	4.4	1.8	10.6	20.3	6.0	3.8	1.5	< 10	< 0.2
151120	7.78	< 5	< 10	96	< 3	< 2	6.05	< 2	10.6	32.0	130	33.7	10	6.9	4.6	1.6	10.0	21.3	5.7	3.6	1.6	< 10	< 0.2
151121	8.58	8	< 10	41	< 3	< 2	5.50	< 2	38.3	30.5	170	1.0	25	4.1	2.2	1.7	5.55	18.4	5.1	3.4	0.8	< 10	< 0.2
151122	5.51	< 5	20	167	< 3	< 2	7.46	2	67.8	47.8	820	12.6	14	4.5	2.1	2.7	7.74	12.5	7.3	3.2	0.9	< 10	0.2
151123	6.86	< 5	< 10	221	< 3	< 2	5.79	< 2	12.8	34.6	< 30	6.2	23	7.9	5.1	1.9	13.0	24.2	6.9	3.2	1.8	< 10	< 0.2
151124	7.80	< 5	< 10	42	< 3	< 2	6.23	< 2	7.9	41.3	100	5.2	24	5.9	3.8	1.4	11.4	23.1	5.2	3.3	1.3	< 10	< 0.2
151125	8.50	8	20	1900	< 3	< 2	4.59	< 2	154	16.7	80	14.8	23	3.2	1.2	3.2	5.40	19.7	7.9	3.5	0.5	< 10	< 0.2
151126	8.34	< 5	10	44	< 3	< 2	10.8	< 2	11.7	56.9	80	0.8	87	4.0	2.7	1.0	9.29	18.4	3.6	2.8	0.9	< 10	< 0.2
151127	7.53	< 5	< 10	33	< 3	< 2	8.79	< 2	10.8	47.9	240	2.7	57	3.9	2.7	1.0	9.69	17.6	3.4	2.7	0.9	< 10	< 0.2
151128	7.86	< 5	< 10	84	< 3	< 2	7.04	< 2	5.6	48.3	210	1.8	8	3.6	3.1	0.7	9.34	13.7	2.5	2.6	1.0	< 10	< 0.2
151129	6.75	< 5	< 10	127	< 3	< 2	5.07	< 2	12.9	28.3	< 30	12.4	17	7.4	5.0	1.6	12.2	21.3	6.0	3.3	1.7	< 10	< 0.2
151130	7.98	5	120	339	< 3	< 2	2.06	< 2	44.1	11.6	260	17.4	9	2.1	1.4	0.9	3.93	17.9	2.5	3.6	0.5	< 10	< 0.2
151131	5.96	< 5	10	87	< 3	< 2	5.81	< 2	40.2	15.8	< 30	0.9	55	12.8	7.9	3.3	13.2	25.8	13.1	4.3	2.9	< 10	< 0.2
151132	7.18	< 5	< 10	284	< 3	< 2	6.34	< 2	6.1	41.4	70	4.1	20	6.6	4.3	1.6	13.1	22.3	5.7	4.0	1.5	< 10	< 0.2
151133	6.76	< 5	< 10	97	< 3	< 2	6.51	< 2	8.6	29.5	30	0.4	18	7.2	4.8	1.6	12.6	21.5	5.9	4.5	1.6	< 10	< 0.2
151134	8.27	< 5	< 10	308	< 3	< 2	4.47	< 2	8.7	28.9	200	34.4	27	2.3	1.4	0.9	5.52	18.6	2.5	3.6	0.5	< 10	< 0.2
151135	6.22	< 5	10	72	< 3	< 2	9.19	< 2	83.7	44.3	600	7.4	24	4.3	2.1	2.8	7.74	13.8	7.8	4.6	0.8	< 10	< 0.2
151136	7.75	< 5	20	64	< 3	< 2	8.25	< 2	8.8	41.6	260	1.1	46	2.8	1.9	0.7	7.24	14.8	2.5	3.4	0.6	< 10	< 0.2
151137	7.22	< 5	10	45	< 3	< 2	5.30	< 2	12.0	16.2	30	26.5	17	7.5	5.0	1.7	11.8	24.2	6.3	3.2	1.7	< 10	< 0.2
151138	6.95	< 5	40	82	3	< 2	4.69	< 2	41.4	20.4	< 30	19.9	26	14.4	9.4	2.7	8.28	27.7	12.6	4.7	3.3	10	< 0.2
151139	8.45	< 5	30	160	< 3	< 2	4.78	< 2	13.9	29.2	280	103	19	2.2	1.4	1.0	5.50	17.3	2.8	3.4	0.5	< 10	< 0.2
151140	8.05	< 5	50	36	173	< 2	0.16	< 2	14.7	0.3	30	81.1	< 2	< 0.3	< 0.1	0.1	0.64	54.2	0.5	6.0	< 0.2	< 10	< 0.2
151141	7.69	< 5	10	40	< 3	< 2	6.78	< 2	17.0	37.5	150	2.7	34	4.5	2.6	1.8	9.55	19.3	5.0	3.5	1.0	< 10	< 0.2
151142	7.76	< 5	30	67	4	< 2	9.52	< 2	39.4	30.4	140	1.5	< 2	4.2	2.4	1.7	6.76	18.2	5.1	4.6	0.9	< 10	< 0.2
151143	7.96	< 5	430	71	< 3	< 2	6.44	< 2	13.0	45.9	180	15.5	21	5.3	3.6	1.4	11.3	20.7	4.6	3.7	1.2	< 10	< 0.2
151144	7.23	< 5	120	302	6	< 2	8.65	< 2	72.8	47.5	490	54.1	256	4.5	2.6	2.7	9.35	14.9	7.0	4.2	1.0	< 10	< 0.2
151145	5.67	< 5	1770	33	< 3	< 2	8.43	< 2	76.7	50.5	870	6.4	26	4.7	2.0	2.9	7.82	12.5	8.4	4.1	0.9	< 10	< 0.2
151146	8.08	< 5	10	227	< 3	< 2	7.83	< 2	41.5	40.8	270	10.8	42	3.0	1.9	1.4	6.59	17.7	4.1	1.6	0.6	< 10	< 0.2
151147	7.48	< 5	< 10	67	< 3	< 2	5.15	< 2	9.2	43.0	40	4.5	159	5.7	3.9	1.3	12.2	25.9	5.6	< 0.7	1.3	< 10	< 0.2
151148	7.70	< 5	< 10	43	< 3	< 2	6.35	< 2	9.3	59.4	80	6.3	51	4.5	3.0	1.2	12.8	21.7	4.4	1.1	0.9	< 10	< 0.2
151149	7.55	< 5	10	34	< 3	< 2	10.9	< 2	10.7	51.2	150	3.9	111	3.6	2.6	0.9	8.89	20.4	3.5	1.6	0.8	< 10	< 0.2
151150	5.51	< 5	10	353	< 3	< 2	11.0	< 2	120	56.0	970	4.3	6	4.5	2.2	3.7	7.27	13.1	9.5	2.3	0.8	< 10	< 0.2
151151	5.85	< 5	< 10	266	< 3	< 2	11.9	< 2	86.8	52.6	630	0.8	58	3.9	2.0	2.8	6.32	12.7	7.4	2.0	0.7	< 10	< 0.2
151152	6.13	< 5	10	430	70	5	15.6	< 2	79.2	52.8	520	12.6	54	5.1	2.7	3.0	9.46	22.5	9.0	8.9	1.0	< 10	< 0.2
151153	7.88	< 5	20	311	< 3	< 2	6.22	< 2	30.6	57.9	580	147	58	4.3	2.6	1.7	9.48	17.1	5.2	3.2	0.9	< 10	< 0.2
151154	7.32	< 5	160	44	< 3	< 2	6.12	< 2	10.5	36.4	30	1.9	7	7.7	5.7	1.7	11.7	23.5	7.2	1.1	1.7	< 10	< 0.2
151155	6.95	< 5	< 10	89	< 3	< 2	10.8	< 2	34.3	53.8	860	1.9	17	3.7	2.2	1.7	10.7	20.0	4.8	1.1	0.7	< 10	< 0.2
151156	7.22	< 5	1330	380	< 3	< 2	9.21	< 2	100	48.1	430	23.2	65	5.0	2.7	3.0	9.34	13.6	8.5	4.5	1.0	< 10	< 0.2
151157	7.70	< 5	< 10	394	< 3	< 2	4.10	< 2	15.8	41.5	160	25.7	20	3.3	2.1	0.9	7.58	17.6	3.4	< 0.7	0.8	< 10	< 0.2
151158	7.52	< 5	< 10	78	< 3	< 2	10.0	< 2	50.7	56.2	550	2.4	50	4.2	2.3	1.9	9.24	15.1	5.5	< 0.7	0.8	< 10	< 0.2
151159	7.80	< 5	30	10	< 3	< 2	6.25	< 2	10.1	54.3	170	1.9	32	4.2	3.0	1.1	11.5	19.2	3.6	< 0.7	1.0	< 10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151160	7.53	< 5	< 10	36	< 3	< 2	6.47	< 2	12.9	36.8	160	4.4	39	4.1	2.3	1.4	10.2	19.0	4.4	0.8	0.8	< 10	< 0.2
151161	7.83	< 5	130	132	< 3	< 2	3.66	< 2	9.0	61.8	70	271	44	6.0	4.4	1.2	9.36	22.1	4.5	< 0.7	1.4	< 10	< 0.2
151162	7.53	< 5	120	59	< 3	< 2	5.36	< 2	13.1	36.5	110	8.1	35	6.0	4.0	1.3	10.5	20.6	5.0	1.2	1.3	< 10	< 0.2
151163	6.07	5	20	116	< 3	< 2	1.91	< 2	56.9	6.0	60	26.1	22	17.4	12.8	2.3	5.37	22.9	14.1	1.7	4.1	20	< 0.2
151164	6.86	< 5	< 10	85	< 3	< 2	6.71	< 2	22.3	34.4	30	2.9	136	6.6	4.9	1.3	13.0	19.8	5.7	1.6	1.5	< 10	< 0.2
151165	5.99	< 5	< 10	24	< 3	< 2	1.80	< 2	55.0	7.1	80	0.9	8	17.1	12.8	2.7	6.94	24.8	13.1	2.0	4.1	10	< 0.2
151166	6.08	< 5	10	52	< 3	< 2	2.05	< 2	71.9	8.2	30	5.4	17	17.0	12.5	3.1	6.91	24.5	15.8	2.6	4.1	10	< 0.2
151167	7.53	< 5	< 10	32	< 3	< 2	6.92	< 2	11.2	59.2	140	1.7	45	3.4	2.4	1.0	12.3	19.4	3.3	1.1	0.8	< 10	< 0.2
151168	9.81	8	30	10	372	5	0.16	3	1.7	0.5	50	24.3	5	< 0.3	< 0.1	< 0.1	0.45	64.2	0.1	3.1	< 0.2	10	< 0.2
151169	7.40	< 5	270	27	4	< 2	5.07	< 2	12.6	43.9	110	653	45	5.8	3.9	1.4	12.5	23.9	5.4	0.9	1.3	10	< 0.2
151170	7.64	< 5	2650	72	4	< 2	5.52	2	17.0	55.8	180	91.2	36	6.2	4.1	1.6	12.3	29.4	5.8	1.3	1.3	10	< 0.2
151171	6.83	< 5	50	87	< 3	< 2	5.79	< 2	9.1	43.1	70	24.1	55	6.4	4.3	1.5	11.9	23.7	5.8	1.0	1.5	10	< 0.2
151172	6.86	7	< 10	130	< 3	< 2	6.68	2	8.6	43.8	90	10.8	41	5.1	3.2	1.2	12.4	21.3	4.5	2.5	1.1	< 10	< 0.2
151173	5.80	< 5	< 10	226	< 3	< 2	4.33	< 2	44.5	19.4	30	77.6	172	13.0	7.8	3.3	16.3	16.3	12.4	3.2	2.7	10	< 0.2
151174	7.37	< 5	< 10	11	< 3	< 2	6.57	< 2	6.3	45.6	120	1.0	18	3.3	2.4	0.7	8.74	14.9	2.8	1.4	0.8	< 10	< 0.2
151175	7.90	< 5	< 10	65	< 3	< 2	9.20	2	17.2	56.6	170	2.8	182	10.7	5.5	1.1	9.26	19.9	13.1	2.9	2.0	10	< 0.2
151176	8.69	< 5	< 10	31	< 3	< 2	7.79	< 2	10.6	58.0	130	1.1	35	3.9	2.7	0.9	8.57	14.7	3.2	1.5	0.9	< 10	< 0.2
151177	6.92	< 5	< 10	475	< 3	< 2	5.38	< 2	30.0	34.4	40	279	48	8.4	6.1	1.7	11.0	19.9	7.3	1.8	1.9	< 10	< 0.2
151178	8.01	< 5	3210	121	106	< 2	7.42	4	27.6	54.6	70	14.5	11	7.0	5.2	1.8	14.4	32.1	6.8	5.3	1.6	< 10	< 0.2
151179	6.95	< 5	20	578	< 3	< 2	6.09	< 2	23.1	55.6	100	99.2	81	7.5	5.4	2.0	11.4	22.2	7.6	2.3	1.7	10	< 0.2
151180	6.67	< 5	< 10	44	< 3	< 2	5.77	< 2	17.5	42.2	60	3.6	112	6.5	4.5	1.4	12.3	18.7	5.4	2.5	1.5	< 10	< 0.2
151181	9.65	< 5	190	82	< 3	< 2	8.66	< 2	35.8	51.0	40	4.8	92	8.8	6.9	2.0	14.0	27.5	8.4	3.1	2.2	< 10	< 0.2
151182	7.52	< 5	20	185	< 3	< 2	7.01	< 2	32.9	38.1	50	18.3	92	7.5	5.3	1.7	8.66	21.6	6.6	2.6	1.7	< 10	< 0.2
151183	5.03	< 5	30	35	< 3	< 2	1.66	< 2	11.0	8.2	60	14.3	15	1.6	1.2	0.6	9.06	13.4	1.3	1.0	0.4	10	< 0.2
151184	7.78	< 5	1240	332	< 3	< 2	6.05	< 2	15.8	42.3	90	448	52	6.0	4.3	1.3	12.2	20.5	5.0	2.6	1.4	< 10	< 0.2
151185	7.27	< 5	110	83	< 3	< 2	6.98	< 2	17.7	51.5	90	85.6	31	6.5	4.5	1.5	9.80	20.3	5.5	1.8	1.5	< 10	< 0.2
151186	6.94	25	< 10	85	< 3	< 2	3.36	< 2	28.7	23.1	30	17.0	18	8.3	5.9	2.2	10.2	27.9	7.5	2.6	1.9	< 10	< 0.2
151187	6.82	< 5	10	36	< 3	< 2	6.28	< 2	18.4	39.2	40	3.3	33	9.7	7.1	2.0	12.4	27.0	8.3	1.5	2.3	10	< 0.2
151188	7.98	< 5	< 10	64	< 3	< 2	6.19	< 2	5.3	38.9	150	37.2	32	4.4	2.7	1.3	9.57	22.7	4.4	1.7	0.9	< 10	< 0.2
151189	7.31	< 5	1870	8	125	< 2	0.26	4	1.0	0.5	50	51.6	4	< 0.3	< 0.1	< 0.1	1.07	54.9	0.2	3.2	< 0.2	10	< 0.2
151190	6.77	< 5	20	214	< 3	< 2	5.45	2	13.1	28.0	50	14.0	13	7.8	5.6	1.8	12.6	22.8	6.8	2.9	1.8	10	< 0.2
151191	7.83	< 5	< 10	60	< 3	< 2	6.70	3	11.8	40.7	170	0.5	20	4.6	2.7	1.7	9.52	24.1	5.0	2.1	1.0	20	< 0.2
151192	6.40	< 5	< 10	150	< 3	< 2	2.83	< 2	16.5	15.8	60	41.3	23	15.4	12.0	2.2	6.82	32.6	11.7	1.5	3.8	20	< 0.2
151193	6.78	< 5	10	80	< 3	< 2	6.92	< 2	19.3	54.1	80	2.0	204	6.0	3.9	1.7	12.6	24.8	5.7	1.3	1.3	10	< 0.2
151194	9.22	< 5	1210	86	< 3	< 2	5.65	2	13.9	65.8	170	67.0	12	5.2	4.1	1.1	11.4	27.9	4.1	1.0	1.3	10	< 0.2
151195	7.56	< 5	150	680	19	< 2	1.00	< 2	61.3	3.0	< 30	50.8	< 2	1.7	1.0	0.6	1.77	24.7	2.8	1.9	0.3	10	< 0.2
151196	8.16	< 5	< 10	99	< 3	< 2	8.65	< 2	11.6	54.8	90	3.5	105	3.7	2.8	0.8	9.67	16.1	3.0	1.3	0.8	< 10	< 0.2
151197	6.74	< 5	190	43	< 3	< 2	7.83	< 2	22.7	34.7	290	2.2	50	6.7	4.9	1.3	13.3	18.4	5.7	2.9	1.6	< 10	< 0.2
151198	8.20	< 5	1350	70	< 3	< 2	7.38	< 2	3.0	40.1	630	53.2	10	1.2	0.9	0.3	6.04	11.1	0.9	1.5	0.3	< 10	< 0.2
151199	7.00	< 5	10	65	< 3	< 2	6.62	< 2	13.3	49.8	70	1.7	54	5.7	4.0	1.4	12.6	19.0	5.1	2.2	1.3	< 10	< 0.2
151200	6.92	7	50	98	8	< 2	6.11	3	28.3	43.0	100	1.5	51	6.8	4.7	1.6	13.1	19.9	5.9	4.5	1.6	10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151201	6.89	< 5	20	58	< 3	< 2	4.98	2	20.3	36.3	50	93.5	64	7.9	5.4	1.8	12.5	23.6	7.1	3.8	1.8	10	< 0.2
151202	7.96	< 5	< 10	1850	3	< 2	5.20	< 2	123	15.5	140	51.9	47	4.3	1.8	4.4	5.01	22.6	11.2	3.2	0.7	10	< 0.2
151203	7.77	< 5	60	27	< 3	< 2	8.13	< 2	12.8	34.8	130	11.8	39	3.6	2.2	1.3	8.77	20.1	4.0	2.3	0.7	< 10	< 0.2
151204	7.20	< 5	1520	183	16	< 2	0.63	< 2	27.0	1.0	60	20.8	4	5.4	3.2	0.3	1.09	27.9	4.4	2.7	1.1	10	< 0.2
151205	7.68	< 5	20	70	< 3	< 2	6.06	< 2	389	34.6	220	1.4	19	5.8	2.1	6.5	5.42	22.3	17.5	6.0	0.9	10	< 0.2
151206	7.67	< 5	30	44	14	3	13.6	< 2	42.3	41.7	370	5.8	18	3.2	2.0	1.4	6.29	22.5	4.7	5.0	0.7	< 10	< 0.2
151207	7.84	< 5	< 10	19	< 3	< 2	7.34	< 2	9.9	46.5	140	1.2	80	4.2	2.6	1.2	11.4	21.0	3.8	3.0	0.9	< 10	< 0.2
151208	5.80	< 5	20	132	< 3	< 2	6.56	< 2	50.7	19.9	50	2.1	166	14.8	9.6	3.6	13.7	32.1	15.6	3.0	3.2	20	< 0.2
151209	8.44	< 5	< 10	73	< 3	< 2	6.79	< 2	8.7	52.0	90	6.8	61	4.3	3.0	1.2	12.4	23.0	3.9	3.2	1.0	< 10	< 0.2
151210	8.12	< 5	20	61	34	< 2	7.78	2	12.5	50.1	240	4.8	128	3.6	2.6	0.9	7.80	25.1	3.2	2.9	0.8	< 10	< 0.2
151211	6.94	< 5	< 10	34	< 3	< 2	6.66	< 2	9.0	48.1	140	1.4	12	4.2	2.9	0.8	8.58	17.6	3.1	2.5	1.0	< 10	< 0.2

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151001	1.6	19.0	679	7.41	1550	< 1	13.2	38.5	340	24.1	8.3	1250	< 0.01	< 2	22.4	8.8	26.4	521	2.5	0.9	< 6	2.8	0.81
151002	0.2	17.2	107	1.10	2240	< 1	16.4	33.2	< 10	7.4	6.1	7.9	0.03	2	26.2	10.4	4.7	197	0.4	2.2	< 6	1.8	0.91
151003	0.1	3.2	124	2.74	1550	< 1	3.1	10.5	50	< 0.8	1.9	2.8	< 0.01	< 2	24.9	3.5	< 0.5	252	< 0.2	0.7	< 6	< 0.1	0.99
151004	0.2	3.7	297	2.78	1760	< 1	3.2	13.0	60	1.0	2.1	29.3	< 0.01	< 2	23.9	3.9	2.5	238	< 0.2	0.8	< 6	< 0.1	0.98
151005	< 0.1	13.4	100	1.12	1290	< 1	21.4	27.3	< 10	1.0	5.6	< 0.4	< 0.01	< 2	> 30.0	8.0	1.0	45	0.9	2.0	< 6	2.8	0.70
151006	0.5	22.9	106	0.80	1080	< 1	19.9	51.9	< 10	< 0.8	10.3	33.9	< 0.01	< 2	29.1	14.9	15.3	64	1.2	3.4	< 6	2.8	0.60
151007	0.2	2.6	224	2.63	1550	< 1	2.7	10.0	70	< 0.8	1.8	4.7	< 0.01	< 2	24.7	3.3	1.2	223	< 0.2	0.7	< 6	< 0.1	1.06
151008	0.4	5.2	201	1.92	2580	< 1	8.9	12.1	30	1.8	2.2	85.9	< 0.01	< 2	24.4	4.2	10.6	134	1.4	1.4	< 6	1.0	0.94
151009	0.3	1.9	466	3.86	1930	< 1	5.2	7.0	60	< 0.8	1.1	102	0.02	< 2	20.9	3.0	2.8	129	< 0.2	0.9	< 6	0.3	1.02
151010	0.1	2.4	147	2.83	1460	< 1	2.9	9.8	50	< 0.8	1.6	3.3	< 0.01	< 2	24.5	3.2	< 0.5	236	< 0.2	0.7	< 6	< 0.1	1.00
151011	1.1	25.1	254	3.17	2150	1	9.3	42.8	160	1.0	9.4	51.2	< 0.01	< 2	23.1	8.5	< 0.5	539	< 0.2	1.0	< 6	2.6	0.88
151012	3.5	4.1	2090	2.65	2470	< 1	14.1	10.5	20	2.1	1.9	3500	< 0.01	< 2	22.2	3.7	101	64	13.6	1.0	< 6	2.8	1.23
151013	0.3	6.4	301	1.98	2350	< 1	8.6	15.5	< 10	< 0.8	2.9	29.2	< 0.01	< 2	25.4	6.0	1.4	67	< 0.2	1.4	< 6	0.8	1.00
151014	0.2	10.4	85	3.69	1410	< 1	5.8	16.5	250	2.5	3.8	16.0	< 0.01	< 2	24.6	2.9	< 0.5	319	0.5	0.5	< 6	1.0	0.53
151015	0.3	4.0	220	2.14	2050	< 1	5.7	10.4	20	< 0.8	1.9	15.7	< 0.01	< 2	22.8	3.7	4.3	176	< 0.2	1.0	< 6	0.7	1.10
151016	5.9	8.8	43	0.03	90	< 1	23.9	6.8	< 10	20.0	1.9	1370	< 0.01	< 2	> 30.0	0.9	10.4	73	18.7	< 0.1	< 6	7.1	0.02
151017	< 0.1	10.8	170	1.21	1390	< 1	18.1	26.1	< 10	1.1	4.6	3.9	< 0.01	< 2	29.3	9.1	0.9	142	0.6	2.3	< 6	2.5	0.69
151018	0.5	9.0	311	2.22	2360	< 1	7.2	16.7	< 10	1.3	3.2	41.6	< 0.01	< 2	24.7	5.3	1.0	179	< 0.2	1.5	< 6	0.8	1.12
151019	0.4	6.4	338	2.06	2550	< 1	8.4	17.3	< 10	1.5	2.9	123	< 0.01	< 2	24.3	5.8	2.4	156	0.4	1.5	< 6	0.9	1.11
151020	0.1	4.8	359	3.77	1850	< 1	5.8	11.0	20	< 0.8	1.9	8.0	< 0.01	< 2	23.6	3.8	< 0.5	91	< 0.2	1.0	< 6	0.6	1.16
151021	1.4	13.4	477	4.91	945	< 1	5.6	23.6	140	2.8	5.0	265	< 0.01	< 2	24.5	5.1	6.0	214	0.3	0.6	< 6	1.5	0.50
151022	0.3	14.1	218	4.00	2070	< 1	6.1	26.4	170	1.8	5.4	11.8	< 0.01	< 2	22.1	5.9	< 0.5	462	< 0.2	0.8	< 6	0.8	0.81
151023	0.2	28.2	267	6.71	1360	< 1	8.6	51.3	320	2.3	11.2	5.5	< 0.01	< 2	23.1	9.1	< 0.5	678	< 0.2	0.8	< 6	1.6	0.73
151024	0.5	15.3	997	7.48	1260	< 1	9.7	38.1	330	2.6	7.1	511	0.03	< 2	22.3	8.2	6.2	1120	0.9	0.7	< 6	1.0	0.67
151025	1.1	5.8	430	4.56	1100	< 1	5.7	8.8	170	0.8	2.1	344	0.02	< 2	24.9	2.5	< 0.5	171	< 0.2	0.5	< 6	1.0	0.61
151026	0.2	5.8	123	3.53	2080	2	7.2	12.3	40	2.7	2.3	10.1	< 0.01	< 2	22.8	4.2	< 0.5	263	< 0.2	1.1	< 6	0.8	1.18
151027	0.2	15.0	42	0.90	3220	2	10.8	32.0	< 10	3.2	6.0	13.4	0.03	< 2	24.9	10.2	0.8	144	1.0	2.1	< 6	1.2	0.86
151028	0.1	3.7	57	2.48	1980	< 1	3.7	6.9	70	< 0.8	1.3	12.2	0.06	< 2	24.3	2.2	< 0.5	109	0.9	0.6	< 6	0.2	0.56
151029	0.1	2.2	65	4.36	1850	< 1	4.3	6.2	60	2.4	1.1	7.0	< 0.01	< 2	23.8	2.1	< 0.5	62	< 0.2	0.6	< 6	0.3	0.63
151030	0.3	1.6	99	4.59	1640	< 1	4.6	6.2	110	1.4	1.0	17.0	< 0.01	< 2	22.6	2.3	< 0.5	115	< 0.2	0.6	< 6	0.4	0.67
151031	0.3	4.5	238	2.61	2410	2	5.7	8.5	30	1.0	1.6	40.2	0.03	< 2	24.1	2.5	< 0.5	85	2.0	0.8	< 6	0.6	0.69
151032	0.2	2.3	173	4.22	1750	< 1	4.8	7.0	100	1.0	1.1	8.2	< 0.01	< 2	21.9	2.6	< 0.5	182	< 0.2	0.7	< 6	0.3	0.84
151033	0.4	5.4	129	2.54	2230	< 1	7.3	11.9	20	4.6	2.1	78.5	0.01	< 2	22.5	4.0	< 0.5	229	< 0.2	1.1	< 6	0.8	1.19
151034	0.6	3.5	57	3.03	1240	< 1	4.2	11.7	70	2.6	1.9	111	0.02	< 2	25.8	3.5	0.6	107	< 0.2	0.8	< 6	0.1	0.96
151035	0.1	10.1	48	1.94	888	< 1	8.1	12.2	30	2.8	2.9	14.0	0.07	< 2	27.2	2.5	1.0	96	< 0.2	0.5	< 6	2.9	0.62
151036	0.3	4.0	96	2.96	1620	< 1	4.5	13.3	80	3.0	2.3	48.9	0.05	< 2	24.3	3.7	0.5	232	2.3	0.8	< 6	0.5	1.08
151037	0.4	18.2	105	0.51	999	1	25.2	31.3	< 10	2.6	6.4	44.6	< 0.01	< 2	> 30.0	9.0	2.7	258	2.1	2.7	< 6	3.1	0.39
151038	0.2	13.4	67	1.10	1120	< 1	18.6	24.1	< 10	1.5	4.6	15.9	< 0.01	< 2	28.9	7.8	1.6	71	0.7	2.4	< 6	1.8	0.83
151039	0.9	7.1	189	1.76	1750	1	12.1	13.7	< 10	1.5	2.7	63.3	< 0.01	< 2	26.2	4.3	0.7	76	1.0	1.5	< 6	1.3	1.10
151040	0.3	5.0	26	3.00	1600	< 1	4.0	7.9	60	3.9	1.6	4.2	< 0.01	< 2	22.4	2.1	< 0.5	217	< 0.2	0.6	< 6	0.5	0.56
151041	0.7	32.6	51	5.04	1400	< 1	7.2	38.5	60	1.3	9.4	34.6	0.05	< 2	22.2	7.3	< 0.5	700	< 0.2	0.8	< 6	3.2	0.56

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151042	0.3	7.6	168	2.60	2000	< 1	6.6	15.0	20	1.4	2.9	48.3	< 0.01	< 2	23.3	4.2	< 0.5	423	< 0.2	1.0	< 6	0.9	1.06
151043	0.2	5.2	184	3.15	1810	< 1	6.3	11.1	10	2.6	2.1	5.1	0.06	< 2	22.9	3.5	< 0.5	259	< 0.2	0.9	< 6	0.6	1.07
151044	0.3	3.9	487	3.99	1860	< 1	4.9	7.9	70	1.0	1.4	179	< 0.01	< 2	22.3	2.7	< 0.5	128	0.2	0.7	< 6	0.5	0.87
151045	0.2	2.7	281	4.02	2550	< 1	< 2.4	6.7	50	< 0.8	1.3	18.2	0.02	< 2	24.0	2.0	< 0.5	91	< 0.2	0.6	< 6	< 0.1	0.55
151046	0.4	3.8	483	3.09	1830	< 1	6.3	11.1	10	2.0	1.9	22.2	< 0.01	< 2	22.8	4.3	< 0.5	196	< 0.2	1.1	< 6	0.5	1.33
151047	1.0	73.1	399	4.91	799	< 1	7.6	101	220	12.5	23.0	284	< 0.01	< 2	25.9	19.4	1.1	1180	< 0.2	1.3	< 6	24.9	0.40
151048	0.2	7.9	212	2.31	2320	1	7.2	14.5	< 10	5.4	2.9	26.1	< 0.01	< 2	26.2	4.6	6.8	81	< 0.2	1.3	< 6	1.2	0.98
151049	0.2	16.1	69	0.05	251	< 1	16.8	12.0	< 10	10.9	2.9	53.4	< 0.01	< 2	> 30.0	2.1	2.5	90	15.2	0.3	< 6	8.3	0.02
151050	0.3	8.0	427	2.09	2060	< 1	9.4	18.1	< 10	2.1	3.2	11.9	< 0.01	< 2	23.5	5.9	1.1	99	< 0.2	1.4	< 6	1.2	1.05
151051	0.1	4.5	55	3.36	1970	< 1	2.9	8.2	100	< 0.8	1.6	4.4	< 0.01	< 2	23.2	2.3	< 0.5	92	< 0.2	0.6	< 6	0.1	0.57
151052	0.3	3.3	117	4.58	1350	< 1	< 2.4	7.4	90	< 0.8	1.4	54.0	< 0.01	< 2	22.9	2.1	< 0.5	243	< 0.2	0.6	< 6	< 0.1	0.51
151053	0.4	2.6	68	5.21	1490	< 1	< 2.4	6.1	130	< 0.8	1.1	30.7	< 0.01	< 2	22.3	1.7	< 0.5	115	< 0.2	0.5	< 6	< 0.1	0.44
151054	0.2	3.9	116	4.32	1510	< 1	2.8	7.5	130	< 0.8	1.5	16.6	< 0.01	< 2	24.0	2.1	5.6	116	< 0.2	0.5	< 6	0.3	0.46
151055	0.3	6.0	403	2.93	1860	< 1	6.0	10.8	30	22.9	2.0	11.2	< 0.01	< 2	23.1	3.9	< 0.5	137	< 0.2	1.0	< 6	0.6	1.03
151056	0.2	4.7	335	4.14	1810	< 1	3.0	9.3	60	< 0.8	1.8	34.2	0.04	452	23.2	2.4	< 0.5	82	< 0.2	0.6	< 6	0.4	0.57
151057	0.2	2.8	195	4.27	1990	< 1	2.8	7.0	< 10	21.3	1.4	6.2	0.08	< 2	22.9	2.2	1.3	40	< 0.2	0.7	< 6	0.1	0.57
151058	0.4	2.1	450	2.93	2100	< 1	5.0	7.2	< 10	1.6	1.2	121	0.02	< 2	23.8	2.4	5.3	98	< 0.2	0.8	< 6	0.4	0.70
151059	0.2	6.3	283	1.52	1950	2	11.2	16.8	< 10	3.6	3.0	11.3	< 0.01	< 2	27.2	7.0	4.6	155	0.2	1.9	< 6	1.5	0.99
151060	0.3	8.5	107	1.63	3490	< 1	7.3	15.5	< 10	14.0	3.1	25.6	0.13	< 2	23.6	5.3	3.2	146	< 0.2	1.4	< 6	0.9	1.13
151061	1.0	4.3	545	4.32	1600	< 1	4.0	10.3	70	< 0.8	1.9	181	< 0.01	< 2	23.1	3.3	< 0.5	102	< 0.2	0.8	< 6	0.5	0.94
151062	0.4	4.6	158	2.61	2340	< 1	3.7	10.6	10	< 0.8	2.0	87.2	0.11	< 2	23.9	3.2	< 0.5	70	< 0.2	0.9	< 6	0.4	0.81
151063	0.6	4.8	201	3.71	1720	< 1	2.8	9.4	60	< 0.8	1.8	160	0.13	< 2	20.8	2.7	< 0.5	140	< 0.2	0.7	< 6	0.2	0.59
151064	0.8	13.4	328	2.84	1790	< 1	6.5	22.2	30	< 0.8	4.6	258	0.04	< 2	23.4	6.0	3.6	134	< 0.2	1.3	< 6	0.8	1.04
151101	0.3	23.0	230	6.63	1760	< 1	5.8	46.1	250	15.2	9.7	13.4	0.02	20	21.6	8.5	< 0.5	611	< 0.2	0.9	< 6	1.2	0.73
151102	0.5	18.4	455	5.65	1720	4	7.1	36.3	230	1.6	7.6	308	0.09	< 2	21.8	7.2	< 0.5	1160	< 0.2	0.9	< 6	1.0	0.80
151103	< 0.1	0.8	20	0.09	61	< 1	36.4	1.3	< 10	1.4	0.3	6.7	< 0.01	< 2	> 30.0	< 0.1	6.4	322	35.0	< 0.1	< 6	1.5	0.01
151104	0.6	27.6	193	3.38	1980	1	10.3	49.2	130	4.7	11.1	27.8	< 0.01	< 2	23.9	10.4	< 0.5	693	< 0.2	1.1	< 6	3.4	0.98
151105	0.1	2.5	222	3.07	1390	1	3.3	10.6	40	< 0.8	1.8	7.7	< 0.01	< 2	25.1	3.6	0.5	226	< 0.2	0.8	< 6	< 0.1	1.04
151106	0.1	5.7	732	2.48	2270	5	8.6	11.3	< 10	1.2	2.1	3.9	0.03	< 2	25.1	4.5	0.9	172	< 0.2	1.5	< 6	0.9	1.28
151107	0.9	< 0.4	7180	0.02	372	2	44.9	0.5	< 10	7.6	< 0.1	1070	< 0.01	< 2	> 30.0	< 0.1	128	18	70.2	< 0.1	< 6	0.8	0.01
151108	< 0.1	3.7	424	3.30	1360	< 1	3.1	11.1	30	< 0.8	2.0	20.3	0.02	< 2	24.7	3.6	3.4	194	< 0.2	0.7	< 6	< 0.1	0.97
151109	0.3	9.8	219	0.94	1310	2	17.1	22.2	< 10	1.0	4.1	40.5	< 0.01	< 2	28.9	8.3	1.0	235	0.6	2.5	< 6	1.8	0.84
151110	0.4	2.2	245	3.03	1930	< 1	7.7	8.2	30	0.9	1.3	84.3	0.02	< 2	22.8	3.6	< 0.5	216	< 0.2	1.1	< 6	0.5	1.55
151111	0.3	6.2	158	0.91	916	< 1	22.0	15.2	< 10	1.4	2.8	31.0	< 0.01	< 2	> 30.0	7.1	2.5	72	1.1	2.8	< 6	2.5	0.58
151112	0.5	11.1	175	2.15	2880	1	9.1	21.8	20	< 0.8	4.3	60.9	< 0.01	< 2	22.0	6.4	0.9	123	< 0.2	1.6	< 6	0.9	1.36
151113	0.4	13.4	206	1.03	3400	< 1	9.4	24.7	< 10	< 0.8	5.1	70.7	0.05	< 2	> 30.0	7.1	0.6	263	< 0.2	1.5	< 6	1.3	0.70
151114	0.6	11.1	502	3.72	1740	< 1	9.6	21.6	20	< 0.8	4.4	335	< 0.01	< 2	25.8	6.4	< 0.5	144	< 0.2	1.5	< 6	1.0	1.44
151115	0.5	22.7	166	0.30	392	< 1	28.1	43.9	< 10	< 0.8	9.3	128	< 0.01	< 2	> 30.0	12.6	2.4	105	1.4	3.0	< 6	3.8	0.34
151116	1.7	4.4	103	0.15	257	< 1	69.9	9.6	< 10	5.5	1.9	533	< 0.01	< 2	> 30.0	3.5	7.3	57	153	1.3	< 6	2.6	0.16
151117	0.2	15.1	219	2.67	2580	4	13.4	26.5	10	2.4	5.5	18.5	0.02	< 2	24.6	7.7	4.7	174	0.5	1.8	< 6	1.7	1.16
151118	0.4	15.3	124	2.17	3270	< 1	9.9	25.1	30	2.4	5.2	59.1	0.05	< 2	23.6	6.9	6.3	282	< 0.2	1.5	< 6	1.1	1.16

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151119	0.2	10.7	64	2.09	2050	< 1	9.1	18.5	30	1.0	3.8	5.3	0.09	< 2	25.6	5.1	2.3	195	< 0.2	1.1	< 6	0.8	1.01
151120	0.3	3.8	379	3.48	1380	< 1	6.0	9.9	30	< 0.8	1.7	45.6	< 0.01	< 2	24.7	4.0	< 0.5	201	< 0.2	1.2	< 6	0.5	1.04
151121	0.1	14.1	259	1.53	908	< 1	11.7	23.5	110	1.3	5.4	9.8	0.01	< 2	28.2	5.4	< 0.5	159	< 0.2	0.8	< 6	1.1	0.91
151122	0.4	12.9	519	9.70	1310	< 1	8.8	29.4	360	2.4	5.9	108	< 0.01	< 2	22.8	8.1	< 0.5	331	< 0.2	1.0	< 6	1.8	0.71
151123	0.3	4.2	78	2.34	2040	< 1	5.5	12.1	< 10	< 0.8	2.1	10.0	< 0.01	< 2	21.9	4.9	< 0.5	141	< 0.2	1.3	< 6	0.8	1.27
151124	0.2	2.6	250	3.61	1520	< 1	5.5	9.2	40	< 0.8	1.5	3.7	< 0.01	< 2	23.8	3.9	< 0.5	157	< 0.2	1.1	< 6	0.5	0.96
151125	1.5	61.8	115	2.32	801	< 1	8.4	68.8	40	16.9	17.4	79.2	0.04	< 2	26.2	11.5	< 0.5	1820	< 0.2	0.8	< 6	16.5	0.44
151126	0.1	4.7	48	2.18	2110	< 1	2.9	8.9	80	1.0	1.8	4.1	0.02	< 2	22.5	2.5	< 0.5	136	< 0.2	0.6	< 6	0.2	0.56
151127	< 0.1	4.3	230	3.69	1730	< 1	3.0	8.2	70	1.0	1.7	5.2	< 0.01	< 2	23.3	2.3	< 0.5	62	< 0.2	0.7	< 6	0.1	0.57
151128	0.2	2.0	35	4.37	1560	< 1	< 2.4	5.2	60	< 0.8	0.9	3.7	0.04	< 2	23.4	1.7	< 0.5	156	< 0.2	0.6	< 6	< 0.1	0.42
151129	0.4	4.9	74	2.74	1750	< 1	6.6	11.0	< 10	1.5	2.0	25.0	0.05	< 2	22.7	4.1	< 0.5	180	< 0.2	1.2	< 6	0.7	1.33
151130	1.5	44.7	48	1.63	678	2	5.8	18.2	30	9.3	4.4	95.7	< 0.01	< 2	> 30.0	2.6	1.1	245	< 0.2	0.4	< 6	6.7	0.31
151131	0.2	14.9	35	1.00	2900	< 1	10.2	33.7	< 10	< 0.8	6.3	3.7	0.08	< 2	25.6	10.6	0.7	99	< 0.2	2.3	< 6	1.2	0.86
151132	0.4	2.2	81	2.76	1910	< 1	5.1	8.1	20	0.8	1.2	20.0	< 0.01	< 2	21.7	3.7	< 0.5	190	< 0.2	1.1	< 6	1.7	1.25
151133	0.2	3.1	106	2.39	2080	< 1	6.1	9.4	< 10	< 0.8	1.6	8.0	0.07	< 2	23.0	3.9	< 0.5	129	0.2	1.2	< 6	0.9	1.00
151134	0.9	3.2	409	3.63	888	< 1	3.9	6.3	120	1.5	1.2	314	0.05	< 2	26.6	2.1	< 0.5	307	< 0.2	0.4	< 6	0.8	0.45
151135	0.3	29.8	786	6.97	1450	< 1	8.6	56.8	280	1.3	12.6	48.0	0.04	< 2	23.0	10.2	< 0.5	594	< 0.2	1.0	< 6	1.8	0.71
151136	0.1	3.8	33	4.58	1950	< 1	< 2.4	6.3	50	4.1	1.3	1.0	< 0.01	< 2	25.7	1.7	< 0.5	140	< 0.2	0.4	< 6	0.6	0.41
151137	0.2	5.0	120	2.62	1980	< 1	7.9	11.1	< 10	1.6	1.8	63.4	0.09	< 2	23.8	4.5	< 0.5	245	< 0.2	1.3	< 6	0.9	1.07
151138	0.3	14.1	195	1.61	1090	< 1	14.4	31.2	< 10	< 0.8	6.2	44.9	< 0.01	< 2	28.2	10.1	1.8	109	0.5	2.5	< 6	2.0	0.75
151139	0.6	5.5	4240	3.42	878	< 1	3.7	9.0	120	1.9	1.9	412	< 0.01	< 2	28.1	2.4	< 0.5	292	< 0.2	0.5	< 6	0.8	0.45
151140	2.9	11.4	4540	0.04	387	< 1	81.2	12.3	< 10	2.0	1.2	3680	< 0.01	< 2	> 30.0	1.1	87.1	37	55.3	< 0.1	< 6	5.2	< 0.01
151141	0.2	5.0	57	3.10	1580	2	4.6	15.6	80	9.5	3.0	24.7	0.02	< 2	24.8	4.7	< 0.5	309	< 0.2	0.9	< 6	< 0.1	1.06
151142	0.1	15.4	106	1.94	1890	1	12.1	25.3	70	4.5	5.4	7.2	< 0.01	< 2	24.9	5.4	< 0.5	359	< 0.2	0.8	< 6	1.1	0.90
151143	0.3	4.9	371	3.80	1660	< 1	4.5	10.9	70	9.3	2.1	18.8	0.04	< 2	22.6	3.6	< 0.5	259	< 0.2	0.9	< 6	0.3	1.00
151144	0.3	26.0	608	4.31	1530	1	7.5	50.1	230	2.7	11.0	192	0.57	< 2	23.0	9.5	0.7	654	< 0.2	1.0	< 6	1.5	0.72
151145	0.1	25.9	366	9.65	1250	< 1	10.2	51.3	400	4.2	11.2	8.9	0.01	22	21.5	10.1	< 0.5	681	< 0.2	1.0	< 6	1.6	0.77
151146	0.4	17.1	181	3.57	1310	< 1	7.5	24.9	130	2.8	5.7	65.7	< 0.01	< 2	24.0	4.5	< 0.5	343	< 0.2	0.6	< 6	1.7	0.57
151147	0.2	3.2	159	2.77	1820	< 1	6.9	9.0	20	3.8	1.5	24.7	0.45	< 2	23.5	3.4	< 0.5	221	< 0.2	1.0	< 6	0.7	1.23
151148	0.2	3.6	131	3.99	2090	4	5.4	8.4	70	2.8	1.4	4.2	< 0.01	< 2	22.8	2.9	< 0.5	133	< 0.2	0.7	< 6	0.5	0.90
151149	0.1	4.4	54	3.35	1880	1	4.8	7.8	60	2.5	1.5	7.0	0.02	< 2	23.4	2.2	< 0.5	95	< 0.2	0.6	< 6	0.3	0.56
151150	0.4	44.6	150	7.71	1380	< 1	10.9	79.3	360	6.0	17.4	85.0	< 0.01	< 2	22.5	13.2	< 0.5	984	< 0.2	1.1	< 6	2.2	0.77
151151	0.4	32.8	50	4.42	1440	< 1	9.8	57.1	290	4.7	12.6	7.1	0.07	< 2	21.7	9.8	< 0.5	998	< 0.2	0.9	< 6	1.9	0.68
151152	0.2	27.9	263	4.09	2230	< 1	18.1	55.9	160	2.4	12.1	87.3	0.04	< 2	21.0	10.6	57.2	713	6.3	1.1	< 6	1.4	0.76
151153	1.2	10.1	599	5.59	1510	< 1	6.0	20.9	210	0.8	4.4	89.8	< 0.01	< 2	22.4	4.9	< 0.5	290	< 0.2	0.8	< 6	0.9	0.82
151154	0.2	3.7	67	2.96	1840	1	9.6	10.6	20	1.1	1.7	3.5	0.02	< 2	24.8	4.2	< 0.5	139	< 0.2	1.3	< 6	1.0	1.25
151155	0.3	13.8	25	3.92	1820	< 1	8.7	21.2	290	1.6	4.6	49.5	0.01	< 2	21.0	4.4	< 0.5	411	< 0.2	0.7	< 6	0.7	0.90
151156	0.6	41.4	317	6.29	1820	< 1	7.4	66.4	150	< 0.8	13.1	196	0.14	< 2	20.9	11.6	< 0.5	592	< 0.2	1.0	< 6	2.1	0.75
151157	1.3	5.3	393	4.59	1140	< 1	6.1	9.8	180	< 0.8	2.1	346	< 0.01	< 2	25.1	2.7	1.3	217	0.2	0.6	< 6	1.1	0.69
151158	0.4	18.3	164	4.85	1510	< 1	5.4	35.7	330	< 0.8	7.8	35.0	0.06	< 2	22.6	6.6	0.7	547	< 0.2	0.8	< 6	1.0	0.76
151159	0.2	3.4	106	4.53	1580	< 1	4.4	9.4	110	< 0.8	1.7	4.4	0.09	< 2	22.3	2.8	0.9	157	< 0.2	0.7	< 6	0.3	0.81

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151160	0.2	3.8	86	3.27	1570	< 1	3.9	13.4	80	< 0.8	2.5	15.9	0.02	< 2	24.3	3.6	0.8	219	< 0.2	0.7	< 6	< 0.1	1.11
151161	0.6	3.0	883	2.92	1380	< 1	9.2	7.4	70	< 0.8	1.4	152	0.01	< 2	25.6	2.7	1.0	174	0.4	0.9	< 6	0.8	1.18
151162	0.2	4.7	126	3.42	1480	< 1	5.7	11.5	50	< 0.8	2.2	18.0	< 0.01	< 2	24.8	3.6	0.5	164	< 0.2	0.9	< 6	0.6	0.97
151163	0.6	21.1	212	1.50	886	1	21.0	42.9	< 10	1.7	9.2	57.8	0.26	< 2	> 30.0	11.6	5.7	58	1.4	2.6	< 6	3.2	0.45
151164	0.3	8.4	177	3.24	2690	1	9.3	16.2	40	1.6	3.4	36.9	0.27	< 2	23.2	4.1	4.0	125	0.5	1.0	< 6	1.0	1.02
151165	0.1	20.5	43	0.52	983	7	20.6	36.5	10	< 0.8	7.7	1.8	< 0.01	< 2	> 30.0	10.2	2.8	97	1.4	2.8	< 6	2.4	0.51
151166	0.1	26.8	86	0.82	971	< 1	18.7	48.1	< 10	3.4	10.5	7.3	0.02	< 2	> 30.0	12.9	1.4	91	1.1	2.8	< 6	2.7	0.58
151167	0.1	4.7	375	4.18	1670	< 1	3.4	8.7	110	< 0.8	1.7	4.5	< 0.01	< 2	22.2	2.4	0.8	161	< 0.2	0.6	< 6	0.3	0.84
151168	2.3	0.9	60	0.02	208	< 1	89.2	0.7	20	11.8	0.2	469	< 0.01	< 2	> 30.0	< 0.1	45.4	21	131	< 0.1	< 6	1.4	< 0.01
151169	1.3	4.3	836	3.57	1710	2	6.9	13.0	50	3.3	2.1	929	0.01	< 2	22.5	3.9	3.7	195	0.4	1.0	< 6	1.1	1.13
151170	0.3	6.2	507	4.17	2180	2	6.1	15.2	90	1.0	2.9	49.6	0.02	< 2	21.7	4.4	8.3	126	0.3	1.1	< 6	0.6	0.99
151171	0.4	2.8	318	2.84	1970	3	6.8	11.3	40	< 0.8	1.8	79.9	< 0.01	< 2	23.6	3.8	1.6	126	0.3	1.1	< 6	0.6	1.16
151172	0.3	2.6	328	3.26	1690	1	4.8	10.0	50	3.2	1.7	19.8	0.01	< 2	22.8	3.3	4.5	196	< 0.2	0.8	< 6	0.6	1.12
151173	0.8	16.4	407	1.40	3520	1	10.5	36.7	10	3.4	7.1	92.9	0.59	< 2	22.9	10.8	4.0	72	0.5	2.2	< 6	1.3	0.92
151174	0.2	2.4	105	3.70	1590	< 1	2.8	6.4	60	2.5	1.1	1.8	< 0.01	< 2	25.2	1.7	0.9	85	< 0.2	0.5	< 6	0.2	0.50
151175	0.5	37.6	131	3.25	1990	1	4.1	69.7	100	2.4	7.7	10.0	0.12	< 2	22.6	17.2	1.3	274	< 0.2	1.4	< 6	0.9	0.59
151176	0.2	4.0	51	1.93	2320	< 1	3.3	8.6	110	0.9	1.7	3.6	< 0.01	< 2	25.4	2.3	0.9	75	< 0.2	0.6	< 6	0.1	0.64
151177	0.7	12.3	343	2.39	1640	1	11.0	20.3	30	0.9	4.5	190	0.01	< 2	24.2	5.2	2.1	184	0.5	1.3	< 6	1.4	1.00
151178	0.7	10.6	284	2.53	3370	< 1	20.4	20.4	60	1.5	4.4	56.8	0.06	< 2	19.8	5.1	231	148	18.5	1.2	< 6	1.1	1.30
151179	0.5	7.9	1350	2.93	2460	2	11.6	17.0	60	1.1	3.4	195	0.01	< 2	24.4	5.2	3.9	141	1.0	1.4	< 6	1.2	1.05
151180	0.2	5.9	468	3.14	1570	1	8.8	13.3	40	< 0.8	2.7	6.9	0.10	< 2	24.0	4.0	1.3	168	0.4	1.1	< 6	0.9	1.11
151181	0.2	13.8	241	4.15	3470	5	12.5	24.5	50	1.1	5.6	7.2	< 0.01	< 2	> 30.0	6.5	1.6	259	0.6	1.5	< 6	1.5	1.40
151182	0.5	12.7	202	1.92	1440	3	10.8	22.8	40	< 0.8	4.8	25.6	0.02	< 2	25.7	5.5	4.2	123	0.5	1.2	< 6	1.3	1.16
151183	< 0.1	5.0	1230	2.05	1130	3	7.2	5.6	30	2.1	1.4	16.8	< 0.01	< 2	> 30.0	1.0	1.6	140	0.4	0.3	< 6	2.2	0.19
151184	0.7	7.1	452	3.27	2800	< 1	8.0	10.1	50	< 0.8	2.2	305	0.07	< 2	21.2	3.3	1.5	112	0.3	1.0	< 6	0.9	1.09
151185	0.3	5.9	226	2.68	2240	< 1	8.6	13.5	60	< 0.8	2.8	129	< 0.01	< 2	23.6	4.1	1.6	153	0.3	1.1	< 6	0.8	1.08
151186	0.5	11.1	91	2.02	1610	< 1	8.3	21.8	20	1.9	4.5	22.9	0.03	< 2	26.0	6.0	5.0	66	0.3	1.4	< 6	1.1	1.04
151187	0.3	7.3	349	2.53	2110	2	9.2	16.3	30	< 0.8	3.0	9.6	0.06	< 2	23.6	5.5	1.4	181	0.4	1.6	< 6	1.0	1.44
151188	0.4	1.5	373	2.80	1670	< 1	5.8	8.2	70	< 0.8	1.2	76.2	< 0.01	< 2	24.3	3.2	4.8	251	1.9	0.8	< 6	< 0.1	0.95
151189	1.5	0.4	67	0.03	421	< 1	58.9	0.7	10	3.1	0.1	811	< 0.01	< 2	> 30.0	< 0.1	173	34	29.4	< 0.1	< 6	0.9	0.02
151190	0.5	4.8	103	2.02	1720	2	8.0	13.3	10	< 0.8	2.4	22.6	< 0.01	< 2	24.6	4.6	2.5	119	0.4	1.3	< 6	0.7	1.24
151191	0.2	2.8	65	2.68	1660	< 1	4.3	15.2	70	3.3	2.5	5.8	< 0.01	< 2	24.8	4.6	2.0	291	< 0.2	0.8	< 6	< 0.1	1.00
151192	0.6	4.7	417	1.62	905	< 1	19.9	15.1	20	1.8	2.5	61.9	< 0.01	< 2	29.7	7.0	2.7	222	1.4	2.6	< 6	2.6	0.77
151193	0.5	6.6	108	3.48	2030	< 1	5.5	14.9	50	< 0.8	2.9	52.3	0.01	< 2	22.5	4.0	1.6	141	< 0.2	1.0	< 6	0.6	1.10
151194	0.4	7.1	602	4.63	2540	< 1	4.3	12.2	80	1.2	2.4	82.6	< 0.01	< 2	20.4	3.0	1.0	155	< 0.2	0.8	< 6	2.0	0.64
151195	3.3	27.8	316	0.29	432	< 1	26.3	21.2	< 10	22.3	5.9	528	< 0.01	< 2	> 30.0	3.5	27.7	133	10.5	0.4	< 6	33.2	0.13
151196	0.2	4.7	48	4.21	1490	< 1	3.2	8.8	120	1.9	1.8	5.7	< 0.01	< 2	21.8	2.1	0.9	239	< 0.2	0.6	< 6	0.4	0.52
151197	0.4	10.5	187	2.84	3110	3	8.7	15.9	50	1.3	3.3	14.3	0.04	< 2	22.8	4.0	5.5	172	0.4	1.1	< 6	1.1	0.94
151198	0.8	1.2	351	6.46	1180	< 1	< 2.4	2.5	110	< 0.8	0.5	82.3	< 0.01	< 2	23.1	0.5	1.4	127	< 0.2	0.2	< 6	< 0.1	0.20
151199	0.2	5.0	106	3.30	1640	< 1	7.9	13.1	60	< 0.8	2.3	6.9	0.02	< 2	22.7	3.9	0.7	193	0.2	1.0	< 6	0.6	1.06
151200	0.4	11.5	99	2.52	3250	2	8.7	20.7	60	21.7	4.3	42.9	0.14	< 2	23.4	4.7	31.5	124	0.3	1.0	< 6	1.0	1.11

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151201	1.2	7.8	318	3.63	1590	2	7.9	17.5	30	3.0	3.4	129	0.05	< 2	23.3	4.9	2.9	247	0.4	1.3	< 6	0.8	1.28
151202	1.2	45.4	210	3.34	841	< 1	8.2	90.5	50	40.2	20.5	99.4	0.38	< 2	24.7	15.7	1.6	2810	< 0.2	1.1	< 6	26.4	0.45
151203	0.5	3.9	167	2.30	1600	< 1	3.9	13.0	70	2.0	2.4	74.3	< 0.01	< 2	24.6	3.4	2.4	246	< 0.2	0.7	< 6	0.3	0.90
151204	4.1	10.4	32	0.09	343	1	32.2	11.9	10	26.9	3.1	734	< 0.01	< 2	> 30.0	3.4	6.5	85	11.6	1.0	< 6	23.5	0.03
151205	0.3	190	97	3.86	1190	< 1	8.1	211	190	7.4	54.5	21.6	< 0.01	< 2	25.8	28.8	2.5	725	< 0.2	1.5	< 6	24.5	0.48
151206	0.1	17.0	222	3.00	1720	< 1	6.4	25.8	200	2.0	6.1	14.7	< 0.01	< 2	23.8	4.5	16.0	359	< 0.2	0.6	< 6	1.4	0.51
151207	0.3	3.4	267	3.86	1630	< 1	4.1	9.0	80	< 0.8	1.7	18.8	0.03	< 2	22.8	2.8	1.6	179	< 0.2	0.7	< 6	0.4	0.91
151208	0.3	18.1	129	0.99	3640	1	12.9	43.6	10	1.9	8.6	16.4	0.20	< 2	25.5	11.9	2.8	186	0.7	2.6	< 6	1.6	0.83
151209	0.8	2.3	207	3.04	1620	< 1	4.1	8.9	80	2.0	1.5	48.8	< 0.01	< 2	22.4	2.9	1.8	311	0.3	0.7	< 6	0.4	1.06
151210	0.5	5.3	180	2.99	1770	< 1	8.6	9.1	110	< 0.8	1.8	95.6	< 0.01	< 2	22.6	2.2	64.8	151	2.7	0.6	< 6	0.5	0.43
151211	0.2	3.2	277	3.42	1980	< 1	3.5	7.3	70	0.9	1.4	10.1	< 0.01	< 2	23.9	2.0	1.5	72	< 0.2	0.6	< 6	0.3	0.48

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151001	10.4	0.3	0.7	182	1.1	21.6	1.6	300
151002	< 0.1	1.4	0.5	20	< 0.7	78.9	7.8	160
151003	< 0.1	0.3	< 0.1	233	< 0.7	20.2	1.7	170
151004	0.1	0.3	< 0.1	235	1.1	20.5	1.6	140
151005	< 0.1	1.8	0.8	37	< 0.7	92.6	11.1	100
151006	< 0.1	2.3	0.7	22	1.6	132	12.7	90
151007	< 0.1	0.3	< 0.1	261	< 0.7	21.8	1.8	140
151008	0.6	0.9	0.4	267	10.2	51.1	4.9	140
151009	0.6	0.5	0.2	336	< 0.7	31.0	3.2	140
151010	< 0.1	0.3	0.2	227	1.8	20.3	1.6	140
151011	< 0.1	0.4	0.6	215	< 0.7	23.5	1.9	130
151012	25.2	0.6	5.2	498	< 0.7	33.4	3.0	260
151013	< 0.1	0.8	0.3	127	< 0.7	47.7	4.7	190
151014	< 0.1	0.2	0.5	166	< 0.7	14.5	1.4	130
151015	< 0.1	0.6	0.6	394	< 0.7	34.6	3.3	180
151016	8.5	< 0.1	3.1	< 5	< 0.7	2.3	0.1	< 30
151017	< 0.1	1.6	0.6	113	< 0.7	93.4	8.6	140
151018	< 0.1	0.7	0.3	261	< 0.7	46.8	3.9	190
151019	0.7	0.9	0.4	176	< 0.7	50.3	4.8	180
151020	< 0.1	0.6	0.2	373	< 0.7	33.7	3.3	130
151021	1.6	0.3	0.6	184	< 0.7	16.8	1.5	100
151022	< 0.1	0.4	0.3	263	< 0.7	24.2	2.2	140
151023	< 0.1	0.3	0.6	207	< 0.7	19.1	1.5	100
151024	4.2	0.2	0.9	200	< 0.7	18.0	1.3	100
151025	2.2	0.3	0.3	184	1.8	17.3	1.7	90
151026	< 0.1	0.6	0.2	326	< 0.7	39.9	3.6	130
151027	< 0.1	1.1	0.4	24	< 0.7	67.0	6.4	220
151028	< 0.1	0.4	0.2	302	< 0.7	22.9	2.3	140
151029	< 0.1	0.4	< 0.1	288	< 0.7	22.6	2.2	130
151030	< 0.1	0.3	0.1	268	< 0.7	21.6	2.0	110
151031	0.5	0.6	0.2	318	< 0.7	32.2	3.3	140
151032	< 0.1	0.3	0.1	260	< 0.7	21.6	2.0	110
151033	0.2	0.6	0.2	308	< 0.7	38.5	3.8	200
151034	0.4	0.3	< 0.1	184	1.6	21.8	1.6	70
151035	< 0.1	0.3	0.7	122	< 0.7	18.6	1.6	90
151036	< 0.1	0.3	0.1	219	< 0.7	21.4	1.8	140
151037	< 0.1	2.0	0.8	30	< 0.7	112	12.2	100
151038	< 0.1	1.6	0.6	89	< 0.7	93.4	9.6	90
151039	0.3	1.0	0.4	202	< 0.7	58.5	5.9	120
151040	< 0.1	0.3	0.1	277	< 0.7	21.1	2.0	90
151041	< 0.1	0.3	0.5	225	< 0.7	19.7	1.7	90

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151042	0.2	0.6	0.2	335	< 0.7	35.2	3.3	150
151043	< 0.1	0.5	0.3	323	< 0.7	29.4	2.6	120
151044	1.3	0.4	0.2	289	< 0.7	25.1	2.4	130
151045	< 0.1	0.4	0.1	317	< 0.7	22.4	2.4	180
151046	< 0.1	0.6	0.4	453	2.0	34.6	3.4	130
151047	2.1	0.2	3.3	103	3.4	19.7	1.0	90
151048	< 0.1	0.9	0.4	221	3.0	46.2	5.3	200
151049	0.1	0.1	4.2	6	9.0	9.2	0.7	60
151050	< 0.1	0.7	0.4	146	< 0.7	48.9	4.5	170
151051	< 0.1	0.4	0.1	298	11.0	22.4	2.2	90
151052	0.2	0.4	0.1	270	5.4	19.9	2.1	80
151053	< 0.1	0.3	< 0.1	246	4.8	17.0	1.8	80
151054	< 0.1	0.3	0.2	227	15.9	18.8	1.9	80
151055	< 0.1	0.6	0.2	364	4.0	33.7	3.3	140
151056	< 0.1	0.4	0.5	262	4.4	21.0	2.3	70
151057	< 0.1	0.4	< 0.1	322	4.4	23.6	2.5	140
151058	0.6	0.6	0.3	325	< 0.7	31.7	3.3	140
151059	< 0.1	1.1	0.5	33	4.4	64.0	6.4	410
151060	< 0.1	0.8	0.3	228	4.5	45.8	4.7	190
151061	0.8	0.4	0.2	335	4.7	24.1	2.4	90
151062	0.4	0.6	0.2	375	3.4	35.1	4.0	140
151063	0.4	0.4	0.1	320	3.1	25.0	2.6	90
151064	1.6	0.6	0.5	288	12.8	38.4	3.7	150
151101	< 0.1	0.3	0.4	224	6.6	21.3	1.8	130
151102	2.4	0.4	0.4	259	3.4	25.8	2.5	120
151103	< 0.1	< 0.1	2.7	6	1.7	0.5	< 0.1	< 30
151104	< 0.1	0.4	0.8	220	1.5	26.8	2.2	150
151105	< 0.1	0.3	0.1	219	2.6	21.2	1.8	130
151106	< 0.1	0.9	0.3	186	1.3	49.6	5.4	160
151107	5.4	< 0.1	1.4	< 5	9.1	0.3	< 0.1	40
151108	< 0.1	0.3	< 0.1	209	1.9	20.1	1.7	120
151109	< 0.1	1.6	0.6	17	3.5	90.8	9.6	40
151110	0.5	0.7	0.2	514	2.0	37.3	3.9	140
151111	< 0.1	2.1	0.8	52	3.8	112	12.6	80
151112	0.4	1.0	0.3	380	4.4	55.3	5.9	150
151113	0.2	0.9	0.4	111	1.4	51.7	5.4	70
151114	1.5	1.0	0.4	393	2.1	51.0	5.8	140
151115	0.9	2.0	1.0	< 5	1.4	105	11.6	< 30
151116	3.2	0.9	2.7	< 5	3.8	44.9	5.6	< 30
151117	< 0.1	1.1	0.5	365	0.7	59.2	6.4	180
151118	0.2	0.9	0.4	438	11.2	50.3	5.0	110

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151119	< 0.1	0.7	0.3	353	13.3	37.0	3.9	120
151120	< 0.1	0.7	0.2	283	1.9	39.1	4.1	80
151121	< 0.1	0.3	0.3	196	2.0	19.7	1.8	100
151122	0.5	0.3	0.5	190	2.2	20.1	1.5	100
151123	< 0.1	0.8	0.4	309	< 0.7	42.0	4.4	150
151124	< 0.1	0.5	0.2	305	< 0.7	31.5	3.4	130
151125	0.3	0.1	3.2	95	1.2	14.1	0.9	80
151126	< 0.1	0.4	0.1	286	< 0.7	22.8	2.5	130
151127	< 0.1	0.4	0.1	296	0.7	22.9	2.3	90
151128	< 0.1	0.5	0.1	246	< 0.7	23.9	2.9	80
151129	< 0.1	0.7	0.3	379	< 0.7	42.1	4.5	110
151130	0.5	0.2	1.5	88	< 0.7	11.4	1.3	50
151131	< 0.1	1.2	0.3	23	< 0.7	67.4	6.6	210
151132	< 0.1	0.6	0.2	344	0.8	35.6	3.8	120
151133	< 0.1	0.7	0.3	214	< 0.7	39.4	4.0	130
151134	1.7	0.2	0.3	144	83.2	12.0	1.3	70
151135	0.1	0.3	0.5	200	2.4	20.1	1.5	90
151136	< 0.1	0.3	0.2	268	< 0.7	16.2	1.7	80
151137	0.2	0.7	0.2	244	1.5	41.3	4.2	180
151138	< 0.1	1.4	0.5	110	1.9	81.8	8.4	110
151139	3.4	0.2	0.3	129	1.6	12.4	1.3	80
151140	24.4	< 0.1	3.8	< 5	1.4	0.6	< 0.1	30
151141	< 0.1	0.3	< 0.1	210	1.4	22.7	1.9	140
151142	< 0.1	0.3	0.3	191	2.1	20.2	2.0	90
151143	< 0.1	0.5	0.2	340	1.0	29.2	3.0	100
151144	1.8	0.4	0.4	230	0.8	22.5	2.2	90
151145	< 0.1	0.3	0.4	192	1.5	20.5	1.4	100
151146	0.4	0.3	0.4	177	< 0.7	17.0	1.5	100
151147	< 0.1	0.5	0.2	446	1.8	33.7	3.2	190
151148	< 0.1	0.4	0.1	301	< 0.7	26.1	2.3	200
151149	< 0.1	0.4	0.1	281	3.8	21.6	2.0	120
151150	0.2	0.2	0.8	196	1.0	21.4	1.4	100
151151	< 0.1	0.3	0.5	175	< 0.7	18.8	1.4	110
151152	0.6	0.4	0.8	222	1.8	24.9	2.1	130
151153	0.1	0.4	0.2	251	5.6	23.7	2.1	120
151154	< 0.1	0.8	0.2	336	< 0.7	47.1	4.7	150
151155	< 0.1	0.3	0.2	184	< 0.7	19.7	1.7	140
151156	1.3	0.4	5.7	235	1.2	24.9	2.2	100
151157	2.5	0.3	0.3	202	< 0.7	17.9	2.0	90
151158	0.4	0.3	0.3	228	< 0.7	21.8	2.3	110
151159	< 0.1	0.4	0.1	270	59.4	24.5	2.9	100

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151160	< 0.1	0.3	< 0.1	216	< 0.7	20.4	2.0	130
151161	0.8	0.6	0.3	397	< 0.7	35.3	4.3	160
151162	< 0.1	0.6	0.2	275	< 0.7	33.9	4.0	140
151163	0.2	1.9	0.8	29	< 0.7	111	14.0	50
151164	0.1	0.7	0.3	366	< 0.7	39.7	5.0	110
151165	< 0.1	2.0	0.8	15	< 0.7	111	13.7	60
151166	< 0.1	1.9	0.8	27	< 0.7	106	11.9	200
151167	< 0.1	0.3	0.1	288	< 0.7	19.4	2.4	120
151168	3.5	< 0.1	6.4	< 5	8.4	0.9	< 0.1	< 30
151169	8.9	0.5	2.0	375	< 0.7	30.9	3.5	140
151170	0.3	0.6	0.3	498	< 0.7	32.6	3.7	150
151171	0.6	0.6	0.3	546	< 0.7	34.5	4.2	150
151172	< 0.1	0.5	0.3	368	1.4	25.6	2.9	130
151173	0.5	1.2	0.4	27	< 0.7	67.5	7.6	220
151174	< 0.1	0.3	0.1	272	< 0.7	19.5	2.3	90
151175	< 0.1	0.7	0.3	337	< 0.7	38.0	4.9	130
151176	< 0.1	0.4	< 0.1	304	< 0.7	21.9	2.7	130
151177	1.1	0.9	0.4	287	< 0.7	47.3	5.7	130
151178	0.5	0.8	0.4	446	0.8	42.2	4.9	200
151179	1.8	0.8	0.4	425	< 0.7	48.3	5.8	160
151180	< 0.1	0.6	0.3	346	< 0.7	37.6	4.5	130
151181	< 0.1	1.0	0.4	529	< 0.7	54.7	6.5	170
151182	< 0.1	0.8	0.3	399	< 0.7	42.3	5.2	140
151183	< 0.1	0.2	0.6	35	< 0.7	11.2	1.2	160
151184	2.0	0.6	0.3	392	< 0.7	34.7	4.3	120
151185	1.1	0.7	0.3	371	< 0.7	37.9	4.4	150
151186	< 0.1	0.8	0.4	219	< 0.7	46.3	6.1	130
151187	< 0.1	0.9	0.3	396	< 0.7	55.4	6.6	150
151188	0.6	0.4	0.4	255	< 0.7	23.6	2.4	150
151189	4.6	< 0.1	4.3	< 5	< 0.7	0.7	< 0.1	150
151190	< 0.1	0.8	0.4	251	< 0.7	43.9	5.2	150
151191	< 0.1	0.4	0.4	265	< 0.7	23.5	2.4	160
151192	0.3	1.7	0.9	125	< 0.7	96.1	11.9	50
151193	0.1	0.5	0.2	443	< 0.7	31.3	3.6	150
151194	0.5	0.6	0.4	373	< 0.7	29.8	3.8	130
151195	3.5	0.1	5.8	28	< 0.7	9.9	0.9	70
151196	< 0.1	0.4	0.2	227	< 0.7	21.2	2.6	100
151197	< 0.1	0.7	0.3	335	5.9	39.7	4.6	110
151198	0.2	0.1	< 0.1	173	< 0.7	6.9	0.8	50
151199	< 0.1	0.6	0.2	355	< 0.7	32.0	4.0	130
151200	0.3	0.7	0.3	366	1.1	36.9	4.4	160

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151201	0.9	0.7	0.4	386	< 0.7	47.1	5.3	140
151202	0.8	0.2	5.4	138	< 0.7	18.4	1.4	100
151203	0.5	0.3	0.4	198	< 0.7	18.0	1.8	120
151204	4.6	0.5	18.4	8	< 0.7	34.5	3.4	70
151205	< 0.1	0.3	5.1	164	< 0.7	24.4	1.6	210
151206	< 0.1	0.3	0.5	190	< 0.7	16.9	2.0	100
151207	< 0.1	0.4	0.2	326	< 0.7	22.8	2.5	140
151208	< 0.1	1.3	0.5	29	< 0.7	78.9	8.8	260
151209	0.2	0.4	0.3	510	< 0.7	23.9	3.0	130
151210	0.6	0.4	0.6	250	< 0.7	21.9	2.7	120
151211	< 0.1	0.4	0.1	328	< 0.7	24.1	3.1	100

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
GXR-1 Meas	3.36	376	20	722	< 3	1570	0.92	4	15.1	7.2	< 30	3.1	1120	5.1		0.7	25.6	13.0	4.8			< 10	0.6
GXR-1 Cert	3.52	427	15.0	750	1.22	1380	0.960	3.30	17.0	8.20	12.0	3.00	1110	4.30		0.690	23.6	13.8	4.20			0.960	0.770
GXR-1 Meas	3.37	433	10	676	< 3	1580	0.87	4	14.8	8.1	< 30	4.2	1200	4.8		0.7	25.2	13.3	3.9			< 10	0.5
GXR-1 Cert	3.52	427	15.0	750	1.22	1380	0.960	3.30	17.0	8.20	12.0	3.00	1110	4.30		0.690	23.6	13.8	4.20			0.960	0.770
GXR-1 Meas	3.34						0.91										26.0						
GXR-1 Cert	3.52						0.960										23.6						
GXR-4 Meas	7.40	93	< 10	1730	< 3	18	0.99	< 2	113	12.7	70	3.1	6500	3.0		1.7	2.98	18.3	5.9			< 10	< 0.2
GXR-4 Cert	7.20	98.0	4.50	1640	1.90	19.0	1.01	0.860	102	14.6	64.0	2.80	6520	2.60		1.63	3.09	20.0	5.25			6.30	0.270
GXR-4 Meas	7.27	105	< 10	1660	< 3	19	1.01	< 2	109	13.9	40	3.2	6520	2.8		1.6	3.02	18.8	4.8			< 10	< 0.2
GXR-4 Cert	7.20	98.0	4.50	1640	1.90	19.0	1.01	0.860	102	14.6	64.0	2.80	6520	2.60		1.63	3.09	20.0	5.25			6.30	0.270
GXR-4 Meas	7.16						1.02										3.00						
GXR-4 Cert	7.20						1.01										3.09						
NIST 696 Meas	> 25.0										290												
NIST 696 Cert	28.9										321.0												
NIST 696 Meas											300												
NIST 696 Cert											321.0												
NIST 696 Meas											310												
NIST 696 Cert											321.0												
GBW 07239 (NCS DC 70007) Meas		< 5				< 2			58.4	12.6			48					24.1		12.4			
GBW 07239 (NCS DC 70007) Cert		1.0				1.0			60.3	13.5			48.6					23.1		12.4			
GBW 07239 (NCS DC 70007) Meas		< 5				< 2			57.6	14.0			45					24.1		12.9			
GBW 07239 (NCS DC 70007) Cert		1.0				1.0			60.3	13.5			48.6					23.1		12.4			
GBW 07239 (NCS DC 70007) Meas		< 5				< 2			58.1	14.4			52					24.5		13.2			
GBW 07239 (NCS DC 70007) Cert		1.0				1.0			60.3	13.5			48.6					23.1		12.4			
GBW 07239 (NCS DC 70007) Meas																							
GBW 07239 (NCS DC 70007) Cert																							
MP-1b Meas							2.44										8.19						
MP-1b Cert							2.47										8.19						
MP-1b Meas							2.56										8.13						
MP-1b Cert							2.47										8.19						
MP-1b Meas							2.50										7.98						
MP-1b Cert							2.47										8.19						
OREAS 101a (Fusion) Meas									1370	42.8			397	30.1	19.6	8.0	11.1		44.1		6.5		
OREAS 101a									1396	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46		

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
(Fusion) Cert																							
OREAS 101a (Fusion) Meas									1380	43.6			401	34.6	20.3	9.2	11.3		45.6		7.4		
OREAS 101a (Fusion) Cert									1396	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46		
OREAS 101a (Fusion) Meas									1480	44.7			407	33.3	20.9	9.3	11.1		44.2		7.3		
OREAS 101a (Fusion) Cert									1396	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46		
OREAS 13b (fusion) Meas	8.33			778			5.64				> 10000						8.35						
OREAS 13b (fusion) Cert	8.41			694			5.57				10800.00						8.41						
OREAS 13b (fusion) Meas	8.59			740			5.76				> 10000						8.52						
OREAS 13b (fusion) Cert	8.41			694			5.57				10800.00						8.41						
OREAS 13b (fusion) Meas	8.05			708			5.65				> 10000						8.38						
OREAS 13b (fusion) Cert	8.41			694			5.57				10800.00						8.41						
NCS DC86303 Meas												360											
NCS DC86303 Cert												350											
NCS DC86303 Meas												319											
NCS DC86303 Cert												350											
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86314 Meas												3040											
NCS DC86314 Cert												2830											
NCS DC86314 Meas												2910											
NCS DC86314 Cert												2830											
NCS DC86314 Meas																							
NCS DC86314 Cert																							
OREAS 922	7.34			459		9	0.50		81.8	18.3	90	7.0	2070	4.9	3.1	1.3	5.65	18.3	6.5		1.0	< 10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 922 (Peroxide Fusion) Cert	7.59			481		10.8	0.486		88.0	20.9	90.0	7.50	2215	5.75	3.38	1.52	5.71	21.2	6.94		1.20	5.93	0.340
OREAS 922 (Peroxide Fusion) Meas	7.71			489		9	0.48		91.6	19.2	120	7.6	2130	5.8	3.4	1.6	5.65	19.6	7.1		1.2	10	0.2
OREAS 922 (Peroxide Fusion) Cert	7.59			481		10.8	0.486		88.0	20.9	90.0	7.50	2215	5.75	3.38	1.52	5.71	21.2	6.94		1.20	5.93	0.340
OREAS 922 (Peroxide Fusion) Meas																							
OREAS 922 (Peroxide Fusion) Cert																							
OREAS 621 (Peroxide Fusion) Meas	6.67	73		2530	< 3	4	1.98	263	50.1	26.6	60	3.1	3450				3.72	23.3					1.8
OREAS 621 (Peroxide Fusion) Cert	6.63	85.0		2610	2.00	4.00	2.00	295	52.0	31.4	48.7	3.59	3680				3.71	26.5					1.93
OREAS 621 (Peroxide Fusion) Meas	6.74	73		2710	< 3	4	2.01	279	55.2	27.2	60	3.2	3580				3.78	24.2					2.0
OREAS 621 (Peroxide Fusion) Cert	6.63	85.0		2610	2.00	4.00	2.00	295	52.0	31.4	48.7	3.59	3680				3.71	26.5					1.93
OREAS 621 (Peroxide Fusion) Meas	6.55	81		2660	< 3	4	2.05	282	49.8	30.4	< 30	2.3	3640				3.75	24.3					2.0
OREAS 621 (Peroxide Fusion) Cert	6.63	85.0		2610	2.00	4.00	2.00	295	52.0	31.4	48.7	3.59	3680				3.71	26.5					1.93
OREAS 621 (Peroxide Fusion) Meas																							
OREAS 621 (Peroxide Fusion) Cert																							
151007 Orig	8.11	< 5	< 10	32	< 3	< 2	6.37	< 2	9.5	46.9	150	1.3	21	3.8	2.2	1.1	8.74	20.7	4.0	2.4	0.8	< 10	< 0.2
151007 Dup	8.13	< 5	< 10	37	< 3	< 2	6.35	< 2	9.1	46.5	150	1.6	20	3.9	2.4	1.1	8.71	19.6	4.2	2.4	0.9	< 10	< 0.2
151015 Orig	7.40	< 5	< 10	22	< 3	< 2	6.80	< 2	10.9	38.7	70	4.4	20	5.7	4.2	1.5	13.1	23.4	5.2	3.3	1.4	< 10	< 0.2
151015 Dup	7.43	< 5	< 10	22	3	< 2	7.00	< 2	11.3	39.1	60	3.4	30	5.9	4.0	1.5	13.2	24.8	4.9	3.1	1.4	< 10	< 0.2
151029 Orig	7.23	< 5	< 10	30	< 3	< 2	6.76	< 2	7.0	50.9	140	1.8	40	3.6	2.6	0.8	9.52	16.0	3.5	2.3	0.8	< 10	< 0.2
151029 Dup	7.36	< 5	< 10	29	< 3	< 2	6.73	< 2	7.0	52.2	140	2.4	44	3.8	2.7	0.8	9.52	16.2	3.6	1.4	0.8	< 10	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151037 Orig	5.92	< 5	< 10	91	3	< 2	3.88	< 2	45.4	7.2	< 30	7.5	< 2	16.8	13.9	2.3	6.36	29.6	13.5	3.0	4.0	20	< 0.2
151037 Dup	5.92	8	< 10	92	3	< 2	3.86	< 2	46.8	7.1	< 30	6.3	< 2	17.8	14.2	2.4	6.33	29.3	14.2	3.0	4.1	20	< 0.2
151050 Orig	6.46	9	< 10	82	< 3	< 2	5.18	< 2	21.7	33.3	< 30	5.2	7	8.4	5.8	2.2	12.9	24.9	9.0	1.9	1.8	10	< 0.2
151050 Split PREP DUP	6.50	< 5	< 10	80	< 3	< 2	5.19	< 2	20.4	32.1	< 30	5.2	30	8.5	5.7	2.2	13.0	24.1	8.8	1.6	1.8	10	0.3
151050 Orig																							
151050 Split PREP DUP																							
151051 Orig	7.34	< 5	10	19	< 3	2	10.7	< 2	11.2	51.4	260	2.7	29	3.6	2.6	0.9	8.82	17.4	3.1	2.6	0.9	< 10	< 0.2
151051 Dup	7.46	< 5	< 10	19	< 3	< 2	10.7	< 2	11.1	56.2	260	2.5	48	3.7	2.6	1.0	8.94	17.5	3.1	2.8	0.9	< 10	< 0.2
151058 Orig	7.60	< 5	< 10	131	4	< 2	6.03	< 2	6.8	39.4	< 30	39.5	12	5.2	4.0	1.0	11.6	19.2	4.4	1.7	1.2	< 10	< 0.2
151058 Dup	7.58	< 5	< 10	126	4	< 2	5.98	< 2	6.8	39.2	< 30	36.4	19	5.1	4.0	1.0	11.6	18.9	4.2	1.3	1.2	< 10	< 0.2
151058 Orig																							
151058 Dup																							
151108 Orig	8.11	< 5	390	19	< 3	< 2	5.41	< 2	10.8	29.4	190	8.9	28	3.8	2.1	1.3	9.46	18.7	4.0	2.6	0.8	< 10	< 0.2
151108 Dup	7.97	< 5	390	19	< 3	< 2	5.58	< 2	11.4	28.8	140	9.2	16	4.0	2.3	1.3	9.45	18.8	4.2	2.8	0.8	< 10	< 0.2
151131 Orig	5.88	< 5	10	86	< 3	< 2	5.84	< 2	40.5	16.0	< 30	1.1	55	12.8	8.0	3.3	13.2	26.3	13.1	4.4	2.9	< 10	< 0.2
151131 Dup	6.04	< 5	10	88	< 3	< 2	5.78	< 2	39.8	15.5	< 30	0.6	55	12.9	7.8	3.3	13.3	25.4	13.1	4.2	2.9	10	< 0.2
151136 Orig	7.75	< 5	20	64	< 3	< 2	8.25	< 2	8.8	41.6	260	1.1	46	2.8	1.9	0.7	7.24	14.8	2.5	3.4	0.6	< 10	< 0.2
151136 Split PREP DUP	8.08	< 5	20	69	< 3	< 2	8.16	4	9.1	43.4	340	1.5	61	2.9	1.9	0.8	7.18	15.6	2.5	2.7	0.7	20	< 0.2
151138 Orig	7.00	< 5	40	83	3	< 2	4.64	< 2	41.5	20.5	40	20.2	23	14.6	9.6	2.7	8.27	27.9	13.0	4.6	3.4	10	< 0.2
151138 Dup	6.91	< 5	40	81	3	< 2	4.74	< 2	41.4	20.2	< 30	19.6	29	14.2	9.2	2.6	8.30	27.6	12.3	4.8	3.2	10	< 0.2
151152 Orig	6.18	13	10	443	70	5	15.8	2	81.6	53.6	530	13.3	56	5.5	2.7	3.0	9.50	22.8	9.2	8.8	1.1	< 10	< 0.2
151152 Dup	6.07	< 5	10	416	69	5	15.4	< 2	76.9	52.0	510	11.9	52	4.8	2.6	2.9	9.42	22.1	8.9	9.0	1.0	< 10	< 0.2
151160 Orig	7.52	< 5	< 10	35	< 3	< 2	6.45	< 2	13.1	37.3	160	4.4	41	4.2	2.4	1.4	10.2	19.2	4.3	0.8	0.8	< 10	< 0.2
151160 Dup	7.54	< 5	< 10	37	< 3	< 2	6.50	< 2	12.6	36.4	160	4.5	36	4.0	2.3	1.4	10.2	18.9	4.4	0.7	0.8	< 10	< 0.2
151174 Orig	7.41	< 5	< 10	14	< 3	< 2	6.56	< 2	6.6	46.3	120	1.2	20	3.4	2.5	0.8	8.74	15.4	2.9	1.7	0.8	< 10	< 0.2
151174 Dup	7.34	< 5	< 10	9	< 3	< 2	6.58	< 2	6.0	45.0	110	0.8	15	3.2	2.3	0.7	8.73	14.5	2.6	1.1	0.8	< 10	< 0.2
151182 Orig	7.51	< 5	30	192	< 3	< 2	7.03	< 2	34.2	38.2	40	19.0	93	7.8	5.5	1.7	8.68	22.3	6.7	2.4	1.8	< 10	< 0.2
151182 Dup	7.54	< 5	20	178	< 3	< 2	6.99	< 2	31.5	38.0	50	17.6	91	7.2	5.2	1.7	8.64	20.9	6.5	2.8	1.7	< 10	< 0.2
151186 Orig	6.94	25	< 10	85	< 3	< 2	3.36	< 2	28.7	23.1	30	17.0	18	8.3	5.9	2.2	10.2	27.9	7.5	2.6	1.9	< 10	< 0.2
151186 Split PREP DUP	7.07	< 5	< 10	89	< 3	< 2	3.33	< 2	29.4	22.6	90	17.1	19	8.1	6.0	2.1	10.1	27.8	7.9	2.6	1.9	< 10	< 0.2
151195 Orig	7.58	< 5	140	684	19	< 2	0.99	< 2	61.6	3.1	< 30	51.1	< 2	1.7	1.0	0.6	1.77	24.5	2.9	1.9	0.3	10	< 0.2
151195 Dup	7.55	< 5	150	677	19	< 2	1.00	< 2	61.1	3.0	< 30	50.5	< 2	1.7	1.0	0.6	1.77	24.8	2.8	1.9	0.3	10	< 0.2
151203 Orig	7.81	< 5	50	26	< 3	< 2	8.14	< 2	12.5	34.0	120	11.4	37	3.4	2.0	1.3	8.78	19.6	3.9	2.6	0.7	< 10	< 0.2
151203 Dup	7.73	< 5	60	28	< 3	< 2	8.11	2	13.0	35.5	140	12.3	41	3.8	2.3	1.3	8.76	20.6	4.0	2.0	0.8	10	< 0.2
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	4	< 0.8	0.2	40	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	20	< 0.2
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01	6	< 10	< 3	< 3	< 2	< 0.01	2	< 0.8	< 0.2	40	< 0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	1.6	< 0.2	10	< 0.2
Method Blank	< 0.01	9	< 10	< 3	< 3	< 2	< 0.01	4	< 0.8	1.1	80	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	20	< 0.2

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.3	30	< 0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	2.2	< 0.2	< 10	< 0.2
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	3	1.8	< 0.2	< 30	< 0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	10	< 0.2
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	0.01	5	1.0	0.2	40	< 0.1	5	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	1.2	< 0.2	20	< 0.2
Method Blank																							

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
GXR-1 Meas	< 0.1	7.5	10	0.21	848	19	< 2.4	9.5	20	820		3.2	0.26	124		3.1	56.1	311	< 0.2	1.0	12	2.3	0.03
GXR-1 Cert	0.050	7.50	8.20	0.217	852	18.0	0.800	18.0	41.0	730		14.0	0.257	122		2.70	54.0	275	0.175	0.830	13.0	2.44	0.036
GXR-1 Meas	< 0.1	7.4	7	0.20	885	20	< 2.4	9.1	30	800		6.1	0.28	129		2.9	55.3	303	< 0.2	0.8	15	2.4	0.03
GXR-1 Cert	0.050	7.50	8.20	0.217	852	18.0	0.800	18.0	41.0	730		14.0	0.257	122		2.70	54.0	275	0.175	0.830	13.0	2.44	0.036
GXR-1 Meas	< 0.1			0.22									0.25										0.03
GXR-1 Cert	0.050			0.217									0.257										0.036
GXR-4 Meas	4.0	64.1	13	1.75	133	335	8.6	47.1	20	49.9		175	1.73	4	> 30.0	7.0	6.1	253	< 0.2	0.7	< 6	20.9	0.29
GXR-4 Cert	4.01	64.5	11.1	1.66	155	310	10.0	45.0	42.0	52.0		160	1.77	4.80	30.89	6.60	5.60	221	0.790	0.360	0.970	22.5	0.29
GXR-4 Meas	4.0	61.8	14	1.75	146	315	11.4	43.8	30	49.5		162	1.73	5	> 30.0	6.6	6.3	213	1.8	0.6	< 6	24.1	0.29
GXR-4 Cert	4.01	64.5	11.1	1.66	155	310	10.0	45.0	42.0	52.0		160	1.77	4.80	30.89	6.60	5.60	221	0.790	0.360	0.970	22.5	0.29
GXR-4 Meas	4.0			1.76									1.77		> 30.0								0.29
GXR-4 Cert	4.01			1.66									1.77		30.89								0.29
NIST 696 Meas																							
NIST 696 Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
GBW 07239 (NCS DC 70007) Meas		34.6			> 10000	1030		32.6	30	23.1	8.5						30.4						
GBW 07239 (NCS DC 70007) Cert		37.4			11540.000	1100		29.8	20.9	26.1	7.40						33.2						
GBW 07239 (NCS DC 70007) Meas		37.1			> 10000	1110		31.0	10	23.4	7.6						29.6						
GBW 07239 (NCS DC 70007) Cert		37.4			11540.000	1100		29.8	20.9	26.1	7.40						33.2						
GBW 07239 (NCS DC 70007) Meas		37.1			> 10000	1110		31.7	10	27.4	7.7						30.9						
GBW 07239 (NCS DC 70007) Cert		37.4			11540.000	1100		29.8	20.9	26.1	7.40						33.2						
GBW 07239 (NCS DC 70007) Meas																							
GBW 07239 (NCS DC 70007) Cert																							
MP-1b Meas				0.02									14.0		17.1								
MP-1b Cert				0.024									13.79		16.79								
MP-1b Meas				0.02									13.8		17.2								
MP-1b Cert				0.024									13.79		16.79								
MP-1b Meas				0.02									13.5		16.6								
MP-1b Cert				0.024									13.79		16.79								
OREAS 101a (Fusion) Meas	2.2	771		1.23	875	19		417		7.7	137					48.1				5.4		32.3	0.40
OREAS 101a	2.34	816		1.23	964	21.9		403		19	134					48.8				5.92		36.6	0.395

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
(Fusion) Cert																							
OREAS 101a (Fusion) Meas	2.3	812		1.23	910	21		419		11.8	135					53.6				6.2		32.8	0.40
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	21.9		403		19	134					48.8				5.92		36.6	0.395
OREAS 101a (Fusion) Meas	2.2	850		1.22	960	20		427		8.5	140					56.2				6.2		35.2	0.40
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	21.9		403		19	134					48.8				5.92		36.6	0.395
OREAS 13b (fusion) Meas	2.3			3.02	1370								1.18		22.9			626					0.69
OREAS 13b (fusion) Cert	2.30			3.01	1300.000								1.19		22.9			537					0.711
OREAS 13b (fusion) Meas	2.3			3.10	1230								1.20		23.5			546					0.71
OREAS 13b (fusion) Cert	2.30			3.01	1300.000								1.19		22.9			537					0.711
OREAS 13b (fusion) Meas	2.3			3.04	1390								1.18		22.8			535					0.71
OREAS 13b (fusion) Cert	2.30			3.01	1300.000								1.19		22.9			537					0.711
NCS DC86303 Meas			2310									1610											
NCS DC86303 Cert			2100.00									1330											
NCS DC86303 Meas			1870									1290											
NCS DC86303 Cert			2100.00									1330											
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86314 Meas			> 10000									> 5000					156						
NCS DC86314 Cert			18100.00									11400					152						
NCS DC86314 Meas			> 10000									> 5000					150						
NCS DC86314 Cert			18100.00									11400					152						
NCS DC86314 Meas																							
NCS DC86314 Cert																							
OREAS 922	2.6	41.0	36	1.63	778		13.2	39.8	40	64.3	10.4	160	0.40		> 30.0	6.7	10.0	65	0.9	1.0		15.4	0.44

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 922 (Peroxide Fusion) Cert	2.60	45.6	28.8	1.61	880		15.2	38.9	43.4	64.0	10.6	167	0.389		30.51	7.31	10.0	58.0	1.33	1.02		17.7	0.439
OREAS 922 (Peroxide Fusion) Meas	2.6	44.3	34	1.67	835		15.2	41.7	50	62.2	10.7	187	0.38		> 30.0	8.1	9.8	65	0.7	1.0		17.0	0.44
OREAS 922 (Peroxide Fusion) Cert	2.60	45.6	28.8	1.61	880		15.2	38.9	43.4	64.0	10.6	167	0.389		30.51	7.31	10.0	58.0	1.33	1.02		17.7	0.439
OREAS 922 (Peroxide Fusion) Meas																							0.42
OREAS 922 (Peroxide Fusion) Cert																							0.439
OREAS 621 (Peroxide Fusion) Meas	2.2	25.3		0.52	491	13	9.0	23.1		> 5000	6.0	81.6	4.60	131	27.7			98				7.4	0.19
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	13.5	10.4	24.2		13300	6.64	89.0	4.51	146	28.1			101				8.56	0.181
OREAS 621 (Peroxide Fusion) Meas	2.2	27.4		0.51	541	14	9.6	24.4		> 5000	6.4	94.1	4.63	137	28.6			102				8.1	0.19
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	13.5	10.4	24.2		13300	6.64	89.0	4.51	146	28.1			101				8.56	0.181
OREAS 621 (Peroxide Fusion) Meas	2.2	26.7		0.52	549	14	10.7	22.6		> 5000	5.8	85.8	4.56	144	27.6			91				8.6	0.19
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	13.5	10.4	24.2		13300	6.64	89.0	4.51	146	28.1			101				8.56	0.181
OREAS 621 (Peroxide Fusion) Meas																							
OREAS 621 (Peroxide Fusion) Cert																							
151007 Orig	0.2	2.6	230	2.64	1560	< 1	2.7	9.8	70	< 0.8	1.8	4.8	< 0.01	< 2	24.8	3.3	1.7	221	< 0.2	0.7	< 6	< 0.1	1.07
151007 Dup	0.2	2.5	219	2.62	1540	< 1	2.6	10.2	70	< 0.8	1.8	4.6	< 0.01	< 2	24.6	3.4	0.7	226	< 0.2	0.7	< 6	< 0.1	1.06
151015 Orig	0.3	3.9	218	2.14	2030	< 1	5.6	10.7	20	2.1	1.9	15.3	< 0.01	< 2	22.6	3.8	4.4	163	0.2	1.0	< 6	0.8	1.09
151015 Dup	0.3	4.0	222	2.14	2070	< 1	5.9	10.2	20	< 0.8	1.9	16.1	< 0.01	< 2	23.0	3.6	4.2	189	< 0.2	1.0	< 6	0.7	1.11
151029 Orig	0.1	2.2	64	4.33	1830	< 1	4.1	6.3	60	1.9	1.1	6.3	< 0.01	< 2	23.8	2.2	< 0.5	61	< 0.2	0.6	< 6	0.3	0.63
151029 Dup	0.1	2.3	65	4.39	1860	< 1	4.5	6.1	60	2.8	1.1	7.8	0.02	< 2	23.9	2.0	< 0.5	62	< 0.2	0.6	< 6	0.3	0.62

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
151037 Orig	0.4	18.0	106	0.51	1000	1	25.2	30.5	< 10	2.8	6.3	46.8	0.03	< 2	> 30.0	8.8	2.7	258	2.8	2.6	< 6	3.0	0.39
151037 Dup	0.4	18.4	103	0.51	997	1	25.3	32.2	< 10	2.4	6.5	42.5	< 0.01	< 2	> 30.0	9.2	2.7	258	1.4	2.7	< 6	3.2	0.39
151050 Orig	0.3	8.0	427	2.09	2060	< 1	9.4	18.1	< 10	2.1	3.2	11.9	< 0.01	< 2	23.5	5.9	1.1	99	< 0.2	1.4	< 6	1.2	1.05
151050 Split PREP DUP	0.3	7.8	417	2.11	2010	1	9.8	18.0	< 10	2.1	3.2	11.3	0.09	< 2	25.0	5.9	3.0	94	< 0.2	1.5	< 6	1.1	1.07
151050 Orig																							
151050 Split PREP DUP																							
151051 Orig	0.1	4.5	57	3.34	1970	< 1	3.1	8.1	70	< 0.8	1.6	4.6	< 0.01	< 2	23.1	2.3	< 0.5	93	< 0.2	0.6	< 6	0.1	0.56
151051 Dup	0.1	4.5	54	3.37	1970	< 1	2.8	8.2	120	< 0.8	1.6	4.3	0.02	< 2	23.3	2.3	< 0.5	92	< 0.2	0.6	< 6	0.1	0.57
151058 Orig	0.4	2.1	453	2.93	2110	< 1	5.2	7.3	< 10	1.7	1.2	123	0.02	< 2	23.8	2.4	5.3	100	< 0.2	0.8	< 6	0.4	0.69
151058 Dup	0.4	2.1	447	2.93	2080	< 1	4.8	7.1	< 10	1.4	1.2	119	0.01	< 2	23.8	2.4	5.3	97	< 0.2	0.8	< 6	0.4	0.71
151058 Orig																							
151058 Dup																							
151108 Orig	< 0.1	3.6	415	3.31	1370	9	3.1	10.8	30	< 0.8	1.9	20.7	0.02	< 2	24.7	3.4	3.9	190	< 0.2	0.7	< 6	< 0.1	0.97
151108 Dup	0.1	3.7	434	3.28	1350	< 1	3.2	11.4	30	< 0.8	2.0	19.8	0.02	< 2	24.7	3.7	2.9	199	< 0.2	0.8	< 6	< 0.1	0.96
151131 Orig	0.2	14.8	35	1.00	2930	1	10.2	33.7	< 10	< 0.8	6.3	4.2	0.05	< 2	25.8	10.5	0.6	102	< 0.2	2.3	< 6	1.2	0.86
151131 Dup	0.2	14.9	34	1.00	2870	< 1	10.1	33.7	< 10	< 0.8	6.4	3.3	0.12	10	25.4	10.6	0.8	96	< 0.2	2.3	< 6	1.2	0.85
151136 Orig	0.1	3.8	33	4.58	1950	< 1	< 2.4	6.3	50	4.1	1.3	1.0	< 0.01	< 2	25.7	1.7	< 0.5	140	< 0.2	0.4	< 6	0.6	0.41
151136 Split PREP DUP	0.2	3.8	39	4.67	2050	6	3.7	6.4	70	3.3	1.3	3.3	< 0.01	< 2	26.1	1.8	1.0	149	< 0.2	0.5	< 6	0.6	0.41
151138 Orig	0.3	14.1	197	1.61	1090	< 1	14.0	31.8	< 10	< 0.8	6.1	45.9	< 0.01	< 2	27.8	10.3	2.0	110	0.5	2.5	< 6	2.1	0.75
151138 Dup	0.3	14.1	192	1.62	1090	< 1	14.8	30.5	< 10	< 0.8	6.2	43.9	< 0.01	< 2	28.7	9.9	1.7	109	0.5	2.5	< 6	1.9	0.75
151152 Orig	0.2	28.5	266	4.16	2260	< 1	18.4	57.2	170	2.9	12.6	88.5	0.04	< 2	21.0	10.8	58.0	728	6.4	1.2	< 6	1.4	0.76
151152 Dup	0.2	27.3	260	4.01	2200	< 1	17.8	54.6	160	1.9	11.5	86.0	0.03	< 2	20.9	10.4	56.3	698	6.3	1.1	< 6	1.3	0.75
151160 Orig	0.2	3.9	86	3.26	1600	< 1	3.7	13.4	80	< 0.8	2.5	16.1	0.02	< 2	24.2	3.6	0.8	223	< 0.2	0.7	< 6	< 0.1	1.12
151160 Dup	0.2	3.8	85	3.29	1540	< 1	4.0	13.3	80	< 0.8	2.4	15.7	0.01	< 2	24.4	3.6	0.8	215	< 0.2	0.7	< 6	< 0.1	1.11
151174 Orig	0.2	2.6	108	3.73	1650	< 1	3.1	6.8	60	3.0	1.2	2.0	< 0.01	< 2	25.3	1.8	1.1	88	< 0.2	0.5	< 6	0.3	0.51
151174 Dup	0.2	2.1	101	3.68	1520	< 1	2.6	5.9	50	2.0	1.0	1.6	< 0.01	< 2	25.0	1.7	0.6	82	< 0.2	0.5	< 6	0.2	0.50
151182 Orig	0.5	13.3	202	1.93	1450	1	10.9	23.0	30	< 0.8	4.9	25.7	0.02	< 2	25.8	5.5	4.1	126	0.5	1.3	< 6	1.3	1.15
151182 Dup	0.5	12.1	202	1.92	1430	4	10.6	22.6	40	< 0.8	4.7	25.5	0.02	< 2	25.6	5.5	4.2	120	0.5	1.2	< 6	1.3	1.16
151186 Orig	0.5	11.1	91	2.02	1610	< 1	8.3	21.8	20	1.9	4.5	22.9	0.03	< 2	26.0	6.0	5.0	66	0.3	1.4	< 6	1.1	1.04
151186 Split PREP DUP	0.5	11.5	95	2.02	1630	3	8.5	22.9	20	< 0.8	4.5	22.2	0.04	< 2	25.8	5.9	2.4	71	0.3	1.4	< 6	1.0	1.03
151195 Orig	3.3	27.9	314	0.28	423	< 1	25.1	21.3	< 10	22.6	6.0	531	< 0.01	< 2	> 30.0	3.5	27.8	133	10.3	0.4	< 6	33.3	0.13
151195 Dup	3.3	27.7	319	0.29	441	< 1	27.6	21.2	< 10	22.1	5.9	525	< 0.01	< 2	> 30.0	3.5	27.7	133	10.6	0.4	< 6	33.1	0.13
151203 Orig	0.5	3.9	158	2.29	1550	< 1	3.6	13.0	70	1.8	2.4	71.9	< 0.01	< 2	24.7	3.4	2.1	242	< 0.2	0.6	< 6	0.2	0.90
151203 Dup	0.5	4.0	177	2.30	1640	1	4.2	13.0	70	2.2	2.5	76.7	< 0.01	< 2	24.6	3.5	2.7	251	3.2	0.7	< 6	0.3	0.89
Method Blank	< 0.1	< 0.4	8	< 0.01	4	< 1	3.1	< 0.4	< 10	1.1	< 0.1	0.5	< 0.01	< 2	0.03	< 0.1	< 0.5	8	0.3	< 0.1	< 6	< 0.1	< 0.01
Method Blank	< 0.1			< 0.01									< 0.01		< 0.01								< 0.01
Method Blank	< 0.1	< 0.4	< 3	< 0.01	< 3	< 1	< 2.4	< 0.4	< 10	< 0.8	< 0.1	< 0.4	< 0.01	< 2	< 0.01	< 0.1	< 0.5	7	< 0.2	< 0.1	< 6	< 0.1	< 0.01
Method Blank	< 0.1	< 0.4	< 3	< 0.01	11	5	< 2.4	< 0.4	20	4.0	< 0.1	< 0.4	< 0.01	< 2	< 0.01	< 0.1	0.8	8	< 0.2	< 0.1	< 6	< 0.1	< 0.01

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
Method Blank	< 0.1	< 0.4	< 3	< 0.01	6	< 1	< 2.4	< 0.4	10	< 0.8	< 0.1	< 0.4	< 0.01	< 2	< 0.01	< 0.1	< 0.5	7	< 0.2	< 0.1	< 6	< 0.1	< 0.01
Method Blank	< 0.1	0.9	< 3	< 0.01	< 3	< 1	< 2.4	1.1	10	< 0.8	0.1	< 0.4	< 0.01	< 2	< 0.01	< 0.1	1.2	7	< 0.2	< 0.1	< 6	< 0.1	< 0.01
Method Blank	< 0.1	< 0.4	< 3	< 0.01	12	< 1	< 2.4	0.7	20	< 0.8	0.1	< 0.4	< 0.01	< 2	0.01	< 0.1	2.0	13	< 0.2	< 0.1	< 6	< 0.1	< 0.01
Method Blank																							

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
GXR-1 Meas	0.2	0.4	35.5	83	182	30.8	2.4	740
GXR-1 Cert	0.390	0.430	34.9	80.0	164	32.0	1.90	760
GXR-1 Meas	0.2	0.4	33.6	91	181	30.2	2.1	860
GXR-1 Cert	0.390	0.430	34.9	80.0	164	32.0	1.90	760
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas	3.1	0.2	6.1	89	34.2	14.7	1.2	60
GXR-4 Cert	3.20	0.210	6.20	87.0	30.8	14.0	1.60	73.0
GXR-4 Meas	3.2	0.2	6.3	92	33.1	14.1	1.1	70
GXR-4 Cert	3.20	0.210	6.20	87.0	30.8	14.0	1.60	73.0
GXR-4 Meas								
GXR-4 Cert								
NIST 696 Meas				353				
NIST 696 Cert				403.0000				
NIST 696 Meas				368				
NIST 696 Cert				403.0000				
NIST 696 Meas				343				
NIST 696 Cert				403.0000				
GBW 07239 (NCS DC 70007) Meas					1030	33.2		110
GBW 07239 (NCS DC 70007) Cert					1000.00	34.2		120.000
GBW 07239 (NCS DC 70007) Meas					1130	35.7		130
GBW 07239 (NCS DC 70007) Cert					1000.00	34.2		120.000
GBW 07239 (NCS DC 70007) Meas					1030	36.3		130
GBW 07239 (NCS DC 70007) Cert					1000.00	34.2		120.000
GBW 07239 (NCS DC 70007) Meas					1070			
GBW 07239 (NCS DC 70007) Cert					1000.00			
MP-1b Meas					1140			
MP-1b Cert					1100.000			
MP-1b Meas								
MP-1b Cert								
MP-1b Meas								

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
MP-1b Cert								
OREAS 101a (Fusion) Meas		2.8	417	76		162	19.0	
OREAS 101a (Fusion) Cert		2.90	422	83		183	17.5	
OREAS 101a (Fusion) Meas		3.2	409	80		180	18.3	
OREAS 101a (Fusion) Cert		2.90	422	83		183	17.5	
OREAS 101a (Fusion) Meas		3.2	434	80		180	17.3	
OREAS 101a (Fusion) Cert		2.90	422	83		183	17.5	
OREAS 13b (fusion) Meas				360				
OREAS 13b (fusion) Cert				330				
OREAS 13b (fusion) Meas				366				
OREAS 13b (fusion) Cert				330				
OREAS 13b (fusion) Meas				291				
OREAS 13b (fusion) Cert				330				
NCS DC86303 Meas					11.7			
NCS DC86303 Cert					8.9			
NCS DC86303 Meas					9.1			
NCS DC86303 Cert					8.9			
NCS DC86303 Meas					9.4			
NCS DC86303 Cert					8.9			
NCS DC86314 Meas					74.2			
NCS DC86314 Cert					79.0			
NCS DC86314 Meas					72.8			
NCS DC86314 Cert					79.0			
NCS DC86314					80.1			

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Meas								
NCS DC86314 Cert					79.0			
OREAS 922 (Peroxide Fusion) Meas	0.7	0.5	3.3	88		27.4	3.1	240
OREAS 922 (Peroxide Fusion) Cert	0.880	0.510	3.59	92.0		31.1	3.17	277
OREAS 922 (Peroxide Fusion) Meas	0.7	0.5	3.5	95		30.5	2.8	260
OREAS 922 (Peroxide Fusion) Cert	0.880	0.510	3.59	92.0		31.1	3.17	277
OREAS 922 (Peroxide Fusion) Meas								
OREAS 922 (Peroxide Fusion) Cert								
OREAS 621 (Peroxide Fusion) Meas	1.8		2.8	34	2.4	12.0	1.2	> 10000
OREAS 621 (Peroxide Fusion) Cert	1.99		3.00	36.3	2.63	13.9	1.03	52200
OREAS 621 (Peroxide Fusion) Meas	1.9		2.8	34	1.2	13.4	1.1	> 10000
OREAS 621 (Peroxide Fusion) Cert	1.99		3.00	36.3	2.63	13.9	1.03	52200
OREAS 621 (Peroxide Fusion) Meas	2.1		2.8	38	3.9	13.0	1.0	> 10000
OREAS 621 (Peroxide Fusion) Cert	1.99		3.00	36.3	2.63	13.9	1.03	52200
OREAS 621 (Peroxide Fusion) Meas					2.6			
OREAS 621 (Peroxide Fusion) Cert					2.63			
151007 Orig	< 0.1	0.3	< 0.1	270	< 0.7	21.8	1.8	140
151007 Dup	< 0.1	0.3	< 0.1	253	< 0.7	21.9	1.8	140

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
151015 Orig	< 0.1	0.6	0.6	385	< 0.7	34.5	3.3	170
151015 Dup	< 0.1	0.6	0.7	403	< 0.7	34.7	3.3	180
151029 Orig	< 0.1	0.4	< 0.1	290	< 0.7	22.5	2.1	120
151029 Dup	< 0.1	0.4	< 0.1	286	< 0.7	22.7	2.2	130
151037 Orig	< 0.1	2.0	0.8	30	< 0.7	112	12.2	100
151037 Dup	< 0.1	2.1	0.7	31	2.3	112	12.3	100
151050 Orig	< 0.1	0.7	0.4	146	< 0.7	48.9	4.5	170
151050 Split PREP DUP	< 0.1	0.8	0.3	139	1.1	47.3	4.5	170
151050 Orig					257			
151050 Split PREP DUP					10.7			
151051 Orig	< 0.1	0.4	0.1	299	10.8	22.4	2.2	100
151051 Dup	< 0.1	0.4	0.1	296	11.3	22.4	2.2	90
151058 Orig	0.6	0.6	0.3	326	1.0	31.9	3.4	130
151058 Dup	0.6	0.5	0.3	324	< 0.7	31.5	3.3	140
151058 Orig					244			
151058 Dup					8.6			
151108 Orig	< 0.1	0.3	< 0.1	210	3.0	19.9	1.7	130
151108 Dup	< 0.1	0.3	0.1	207	0.8	20.3	1.8	120
151131 Orig	< 0.1	1.1	0.3	23	0.8	68.0	6.5	220
151131 Dup	< 0.1	1.2	0.4	23	< 0.7	66.8	6.6	210
151136 Orig	< 0.1	0.3	0.2	268	< 0.7	16.2	1.7	80
151136 Split PREP DUP	< 0.1	0.3	0.4	280	< 0.7	17.2	1.7	90
151138 Orig	< 0.1	1.4	0.5	110	2.1	81.4	8.6	110
151138 Dup	< 0.1	1.4	0.5	109	1.7	82.2	8.1	110
151152 Orig	0.6	0.4	0.8	225	2.1	25.2	2.1	140
151152 Dup	0.6	0.4	0.8	219	1.5	24.6	2.1	130
151160 Orig	< 0.1	0.3	< 0.1	215	< 0.7	20.4	2.1	130
151160 Dup	< 0.1	0.3	< 0.1	217	< 0.7	20.5	2.0	130
151174 Orig	< 0.1	0.3	0.1	274	< 0.7	19.8	2.4	90
151174 Dup	< 0.1	0.3	0.1	271	< 0.7	19.2	2.3	80
151182 Orig	< 0.1	0.8	0.3	402	< 0.7	42.8	5.2	140
151182 Dup	< 0.1	0.7	0.3	397	4.3	41.8	5.1	140
151186 Orig	< 0.1	0.8	0.4	219	< 0.7	46.3	6.1	130
151186 Split PREP DUP	< 0.1	0.8	0.4	212	< 0.7	47.4	5.7	130
151195 Orig	3.5	0.1	5.9	28	< 0.7	9.9	0.9	70
151195 Dup	3.5	0.1	5.8	27	< 0.7	9.8	0.9	60
151203 Orig	0.5	0.3	0.4	190	< 0.7	17.6	1.7	120
151203 Dup	0.5	0.3	0.4	206	< 0.7	18.3	1.8	110

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Method Blank	< 0.1	< 0.1	0.2	< 5	< 0.7	< 0.1	< 0.1	< 30
Method Blank								
Method Blank	< 0.1	< 0.1	< 0.1	< 5	0.7	< 0.1	< 0.1	< 30
Method Blank	< 0.1	< 0.1	< 0.1	< 5	3.5	< 0.1	< 0.1	< 30
Method Blank	< 0.1	< 0.1	< 0.1	< 5	< 0.7	< 0.1	< 0.1	< 30
Method Blank	< 0.1	< 0.1	< 0.1	6	< 0.7	< 0.1	< 0.1	< 30
Method Blank	< 0.1	< 0.1	0.1	< 5	< 0.7	0.1	< 0.1	< 30
Method Blank					< 0.7			