Memorandum Report of Work 2023

on the

First Green Property

in the

Abitibi-Temiscamingue Region, Quebec

NTS Sheet 31M10 & 31M15
47.7878° N. Lat., 78.7878° W. Long.

For

MADORO
METALS CORP

by

Mark Fekete, P.Geo. (OGQ #553)

February 16, 2024

Table of Contents

List of Figures

List of Tables

Certificate of Qualifications

I, Mark Fekete, having my place of residence at 4281 rue Saint-Hubert in Montréal in the Province of Quebec do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of British Columbia (1986), I have been engaged as a Geologist continuously since 1986, I am a Member in good standing of the Order of Geologists of Quebec (OGQ #553) and the Association of Professional Engineers and Geoscientists of British Columbia (EGBC #31440), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;

2. I inspected the First Green property most in May 31, 2023;

3. I wrote this technical report entitled "Memorandum Report of Work 2023 on the First Green Property in the Abitibi-Temiscamingue Region, Quebec NTS Sheet 31M10 & 31M15 47.7878° N. Lat., 78.7878° W. Long." based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work program described in the report;

4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;

5. I hold a 33% direct equity interest in the First Green property, and I hold a number of shares of the Operator, Madoro Metals Corp.; and

6. I have read, and this report has <u>not</u> been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 16th day of February 2024,

GÉOLOGUE / GEOLOGIST MARK FEKETE #553 QUÉBEC

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Mark Fekete, P.Geo.

1. Introduction and Terms of Reference

This technical report (the "Report") describes exploration work done in 2023 on the First Green Lithium property (the "Property") in Western Quebec. It was written to satisfy assessment work requirements under the *Mining Act* (Québec) and is not intended for the purposes of National Instrument 43-101 nor is it in accordance with Form 43-101F1. The Report refers to publicly available data primarily found on *Ministère des Ressources naturelles et des Forêts du Québec* ("MRNFQ") *Système d'information géominière du Québec* website (SIGÉOM, n.d.-b). The goal of the exploration work was to complete a first pass prospecting campaign to identify any potential pegmatite dykes that may contain lithium bearing mineralization.

2. Location, Access and Claim Information

The Property is located approximately 50 kilometres south southeast of Rouyn-Noranda in the Abitibi-Temiscamingue region of Québec (Figure 1) on NTS Sheet 31M10 and 31M15 centered on 47.7878° North Latitude and 78.7878° West Longitude. Excellent access is provided to the southern portion of the Property from the village of Rémigny by chemin de la Baie-du-Tigre which turns into a major logging trunk road that travels through the southern and central parts of the Property. A network of logging roads and trails provide additional access. Access to the northern part of the Property is more challenging from the town of Cadillac. Driving south on chemin de Rapide Deux et Sept leads to the Rang du Rapide-Deux fork heading southwest. Heading south on this road for approximately 50 km arrives at a point approximately one kilometre east of the northern part of the Property.

The Property includes 213 continuous mineral titles covering an area of approximately 12,326 hectares (Figure 2) fully described in Appendix A. According to GESTIM (n.d.), work assessment obligations every two years are $255,600.00 and filing fees are $14,643.75. As of the date of this Report there are no excess work credits. The mineral titles are recorded to Marty Huber, Mark Fekete and Lynsi Henrickson. The Property is operated by Madoro Metals Corp. (the "Operator") under an option agreement executed on January 31, 2023 (Madoro, 2023).

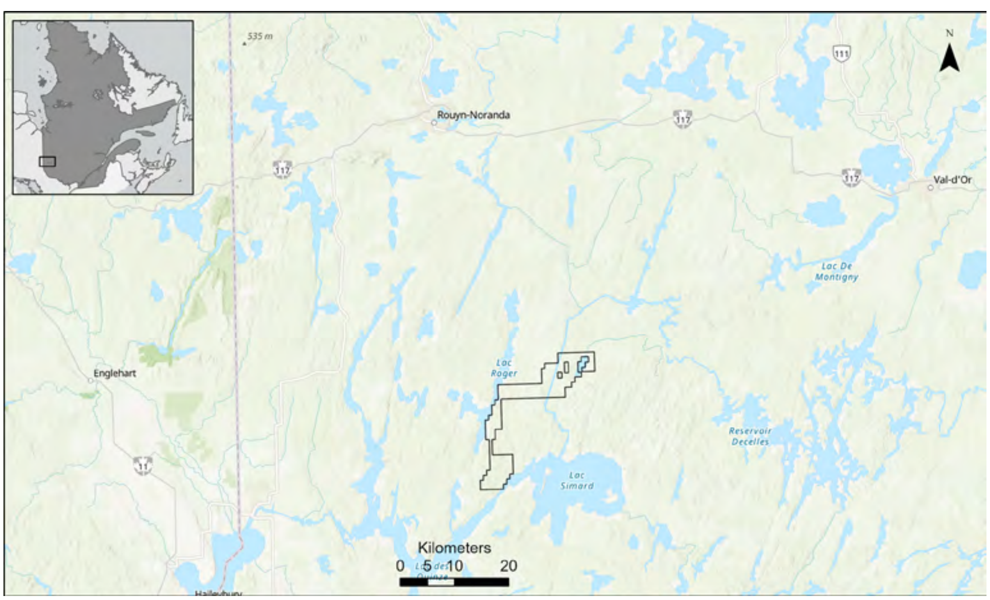

Figure 1: Location map

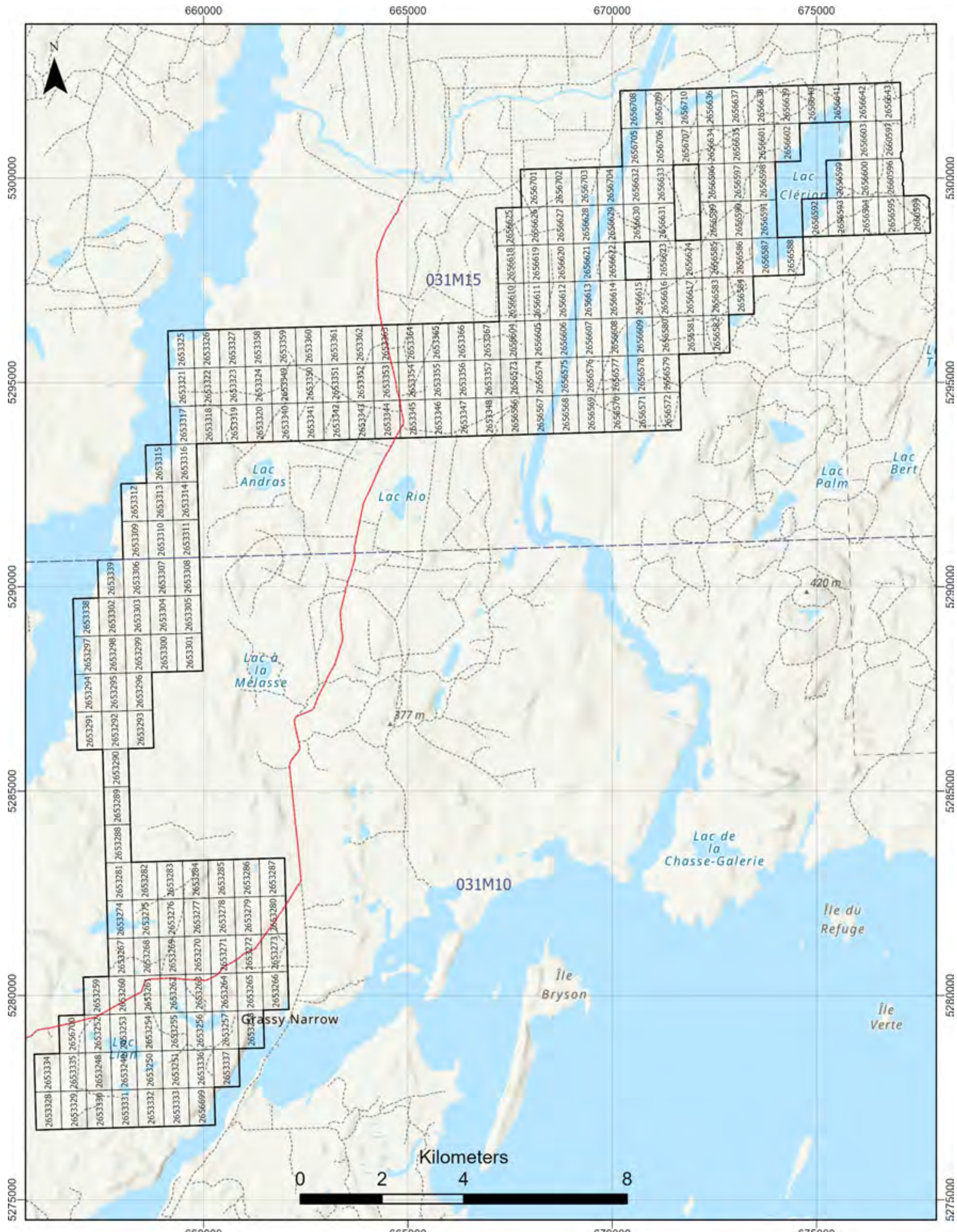

Figure 2: Mineral titles map
After GESTIM (n.d.)

3. History

Little to no previous mineral exploration work is documented on the Property.

4. Geological Setting and Mineralization

The Property is located near the southern limit of the Superior province in the Archean Pontiac Supergroup (Figure 3). The Pontiac terrane is largely comprised of meta-sedimentary, metavolcanic, granitoid and gneissic rocks.

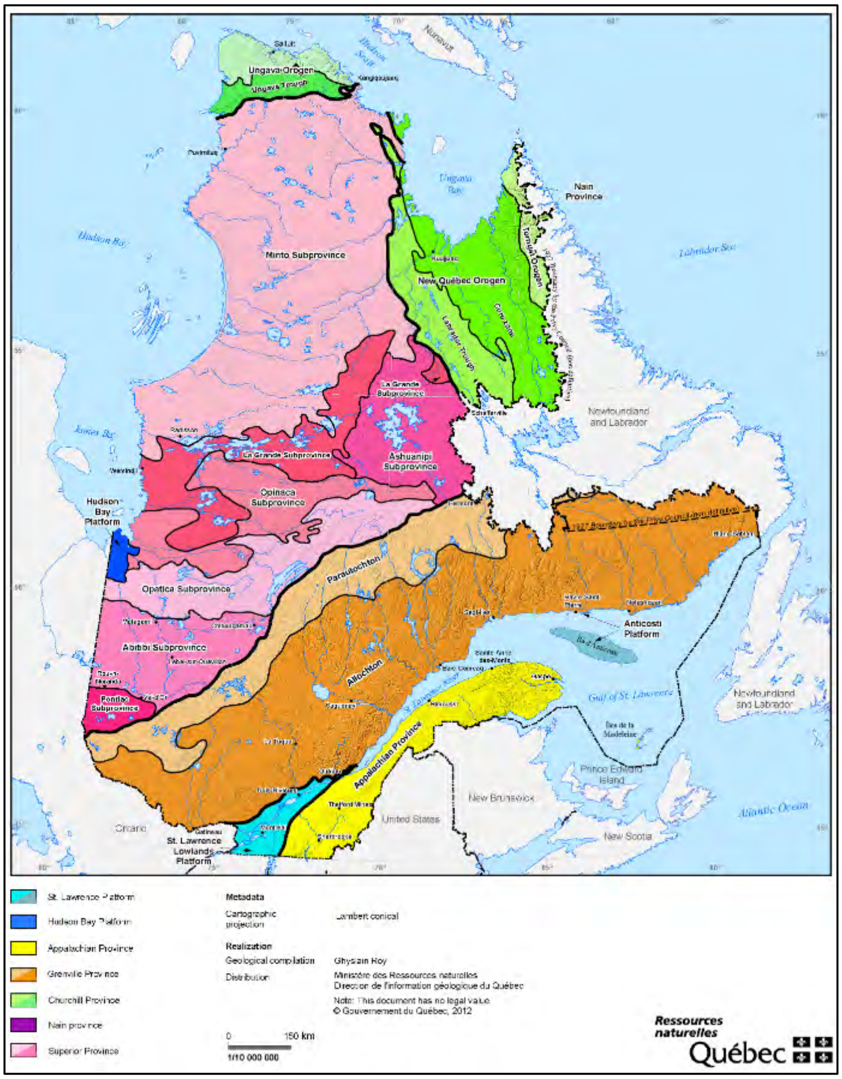

Figure 3: Geological provinces of Québec
From SIGÉOM (n.d.-b)

The Property is primarily underlain by Pontiac Group wacke, mudrock and schist with slivers of granite and gneiss. The northern part of the property is underlain by the Réservoir Decelles Batholith: a biotite-muscovite or muscovite monzogranite unit. Aplite and granitic pegmatites occur at the contact of the Réservoir Decelles Batholith, hosted by volcano-sedimentary and plutonic rocks. These pegmatites demonstrate variable rare metal mineralization, including lithium, beryllium and tantalum. Lithium mineralization in spodumene bearing pegmatites is known to be hosted by metasedimentary-metavolcanic rocks of the Pontiac sub-province at the Wells-Lacourcière, Viau-Dallaire and Viau showings (SIGÉOM, n.d.-a).

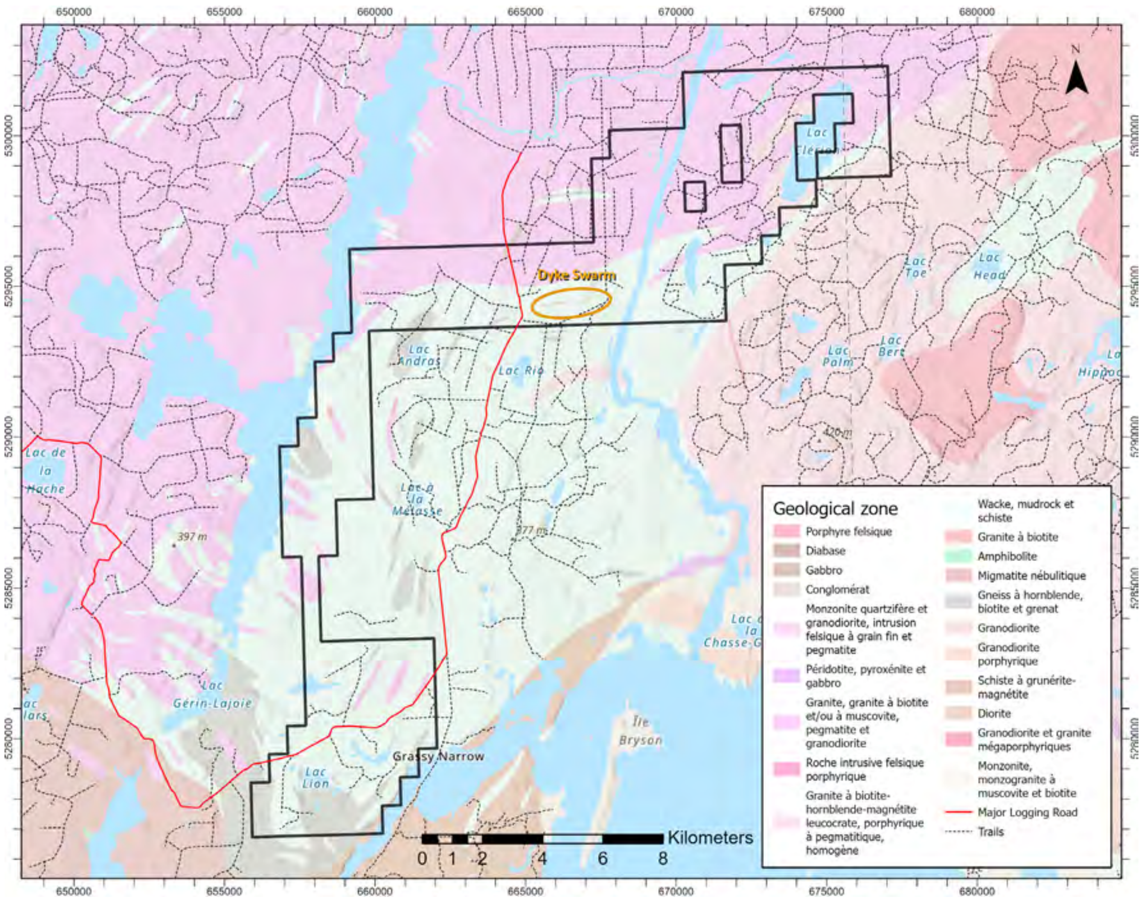

Figure 4: Regional geology
From SIGÉOM (n.d.-a)

5. Deposit Model

Global lithium demand has increased significantly in recent years due to growing usage for rechargeable lithium batteries primarily in electric vehicles and portable electronic devices. Estimated global consumption of lithium increased 41% from 95,000 tons in 2021 to 134,000 tons whereas worldwide production increased only 21% from 107,000 tons in 2021 to 130,000 tons in 2022 (USGS, 2023). Accordingly, lithium prices surged in 2022 with an annual average U.S. lithium carbonate price of $37,000 per metric tonne for fixed contracts; almost three times higher than the 2021 average. In November 2023, the lithium carbonate price peaked at US$93,000 per tonne metric ton (Figure 5).

There are currently two genetic model types for LCT-pegmatites. The classic model proposes that LCT-pegmatites are derived from fertile parent granite intrusions through fractionation, melt immiscibility and enrichment in volatiles (Bradley et al., 2017; Černý, 1991b, 1991a; Duuring, 2020; Selway et al., 2005). More recently, an alternative model of LCT-pegmatite formation by means of low-degree partial melting of a metamorphic rock (anatectic origin) has been advanced (Knoll et al., 2023; Koopmans et al., 2023). The classic model, well summarized by (Bradley et al., 2017; Duuring, 2020; Selway et al., 2005), is being used to guide exploration of the Property.

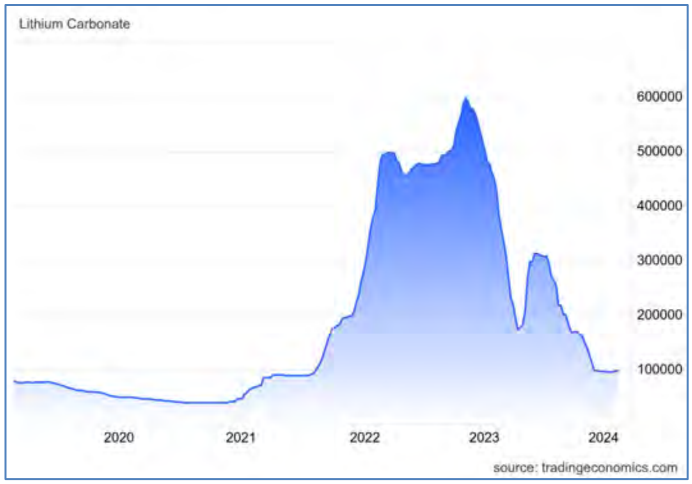

Figure 5: Five-year price chart lithium carbonate in CNY per tonne
From Trading Economics (n.d.)

LCT-pegmatites are formed by late-stage crystallization of highly evolved, volatile-rich felsic melts that are derived from "Supracrustal" or "S-type" granites which are formed by the partial melting of sedimentary rocks during the emplacement of granitic magmas. These rocks are typically peraluminous meaning that they contain a higher proportion of aluminum oxide relative to the combined sodium, potassium, and calcium oxides. They contain significant dissolved volatiles such as water, boron, phosphorus, and fluorine incorporated by supracrustal melting. Fractionation of the melt takes place when these volatiles, due to their inherent immiscibility, are not removed from the melt during early crystallization. As crystallization progresses, their relative concentration within the melt increases, and they become supersaturated with dissolved ions such as lithium, cesium and tantalum. Eventually these super-heated fluids are blown out of the melt into fractures or contact planes where dissolved ions are much more mobile allowing them to move about freely in the cooling fluid leading to rapid growth of large crystals and the development of pegmatite dykes, sills and small pods. This process leads to pegmatite fields that show zoning patterns with increasing degrees of fractionation, various volatile enrichments, complexity of zoning and extent of replacement further way from the parent granite. The most prospective pegmatites for lithium occur in areas distal to the parent granite (Figure 6).

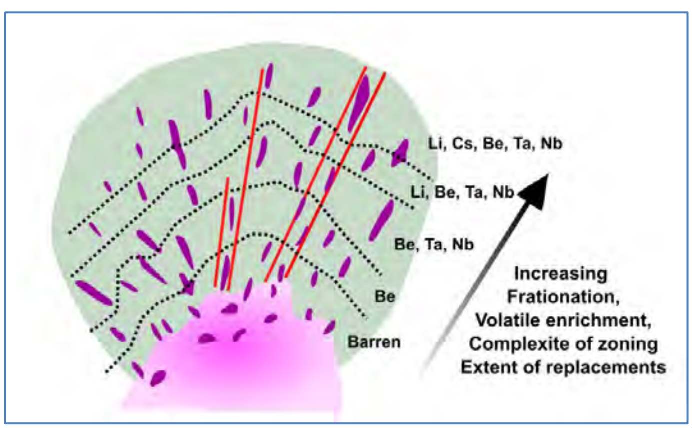

Figure 6: Schematic model of regional zoning patterns in a pegmatite field
After Selway et al. (2005)

Selway et al. (2005) and provide techniques for the exploration of LCT-pegmatites and give several examples of the application of these techniques in the Superior province, Ontario. The first step is to identify favourable areas for LCT-pegmatites. In Archean terranes, these areas are found along Subprovince boundaries including metasedimentary-metavolcanic basins (i.e., greenstone belts) and metasedimentary schistose or gneissic troughs.

The second step is to identify fertile granites that generate rare-element pegmatites. Generally, these granites and LCT-pegmatites postdate the peak of regional (typically upper greenschist and lower amphibolite facies) metamorphism such that they are generally less deformed than the surrounding host rocks. Fertile granites typically contain mostly quartz, plagioclase and K-feldspar with minor micas, and accessory peraluminous minerals such as garnet and tourmaline. K-feldspars are typically white rather than pink or orange and may form very large crystals in potassic pegmatite phases. And they are typically mineralogically zoned by fractionation.

The third step is to identify the more fractionated later stages of the fertile granite. This can be done by vectoring out from a) more primitive biotite granites to b) fine-grained two-mica leucogranites to c) coarse-grained muscovite leucogranites to d) pegmatitic leucogranites with intercalated layers of sodic aplite and potassic pegmatite, and finally to e) the pegmatite dykes.

The final step is vector out from a) barren dykes to b) beryl-only dykes to c) beryl-ferrocolumbite dykes to d) beryl-tantalite-spodumene dykes, and finally to e) primarily spodumene-pollucite-tantalite dykes. The final phase of dykes will have the greatest economic potential (i.e., elevated lithium, cesium and tantalum) and show the furthest replacement from the parent granite because their relatively high volatile content allowed them to travel longer in a liquid state.

This five-step is straightforward in theory but difficult in practice due to the level of emplacement and level of erosion of the parent granite and LCT-pegmatite dykes, and due to outcrop expose or lack thereof. There are several tools to overcome this challenge.

The presence of numerous minerals is a good indication that a pegmatite system is fractionated and prospective for LCT-type mineralization. These include pink, green, or blue lithium-rich tourmaline, blue or green manganese-rich fluorapatite, brown to black tantalum-niobium oxide minerals and pale green to white cesium-rich beryl.

Water, soil and rock geochemistry can be used to detect dispersion halos that are created when fluids enriched in beryllium (Be), cesium (Cs), lithium (Li), niobium (Nb), rubidium (Rb), tantalum (Ta) and tin (Sn), derived from parent granite flow into the country rocks. These metasomatized halos are often much larger than the target LCT-pegmatites bodies.

A practical application to determine fractionation trends within the country rock, parent granites and pegmatite fields to vector towards LCT-pegmatites is to use elemental ratios determined from analytical data or from a portable XRF ("pXRF") data. When high values in mobile elements such as Be, Cs, Li, Nb, Rb, Ta and Sn are plotted against ratios such as potassium/rubidium (K/Rb), magnesium/lithium (Mg/Li) and potassium/cesium (K/Cs), the degree of fractionation can be determined. Samples with low K/Rb, Mg/Li and K/Cs ratios indicate the greatest amount of fractionation.

Direct analysis of lithium is not possible by pXRF, but these instruments can detect K, Rb, Nb, Sn, Cs and Ta which can be used in ratio analysis to infer fractionation. For exploration, the K/Rb ratio (easily determined with a pXRF unit) is very useful measure where ratios of decreasing from 160 indicate increasing fractionation, and ratios of 15 correlate to highly fractioned pegmatites containing rare metal mineralization, particularly Ta, Nb, Be, Cs, and L (Trueman & Černý, 1982). Figure 7 shows an example of Lab Li vs. pXRF K/Rb data from Argo Metals Group for an LCT pegmatite exploration project in Southeast Asia (Evident Corp., 2023).

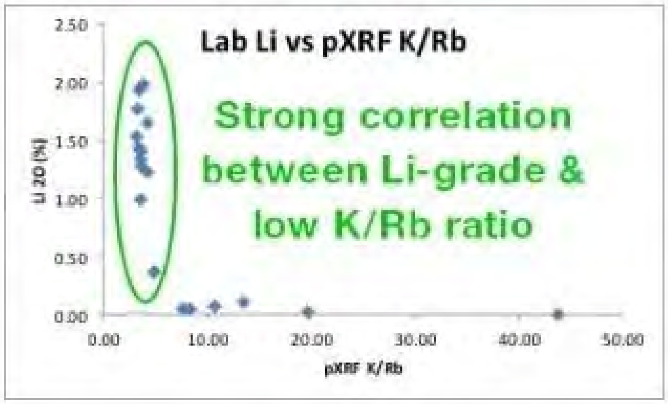

Figure 7: Lab Li verseus pXRF K/Rb
(Evident Corp., 2023)

6. 2023 Prospecting

The prospecting work was completed over eleven days from July 20 to July 30, 2023 by a four-man crew. The crew stayed in Rémigny, Québec and drove approximately 35 kilometres to the Property each day. A GIS technician spent one day, and the Author spent two days respectively to generate maps and complete this Report.

The prospectors split up into two-man teams and completed traverses over the Property in predetermined zones. The work focused on the south block of the property due to its relatively good access and a possible westward continuation of the known Viau-Dallaire lithium occurrence (SIGÉOM, n.d.-a). Limited work was done in the central part of the property and none in the north part. Approximately 220 km of traverses were completed during the program.

The prospectors collected samples from all pegmatitic rock encountered in outcrop or float. The rocks were analyzed at the end of each day with an Olympus Delta Premium DP-4000 pXRF to determine K/Rb ratios. A total of 51 rock samples were collected including two blanks and two certified reference standards (OREAS 751, n.d.) for QAQC. Sample locations, descriptions and results are presented in Appendix B. Prospecting tracks and sample locations are shown on Figure 8 and Figure 9.

7. Sample Preparation, Analyses and Security

All sample locations were recorded with Android rugged smart phones running Q-Field data collection software in map datum UTM WGS84 Zone 17N. Rock samples were placed in plastic sample bags with sample numbers written on the bags in indelible ink. Each sample was photographed and a plastic, waterproof tag was left at the sample site.

The samples were sealed in a rice bag with a zip tie and delivered to Activation Laboratories Ltd. (“Actlabs”) in Val d’Or, Quebec. In Val d’Or, the samples were crushed to 80% passing 2mm and then riffle split to a 250g sub-sample that was pulverized to 95% passing 105µm (Actlabs Code RX1). The sample pulps were then analyzed for 55 elements including lithium with a sodium peroxide fusion and measured by ICP-OES and ICP-MS, all metals are solubilized (Actlabs Code UT-7). Actlabs is accredited under ISO 9001:2015 registration and is independent of the Company.

8. Results, Interpretation and Conclusion

No significant pegmatite dykes or analytical results were obtained in the south part of the Property. K/Rb ratios in this area were relatively high and not very encouraging with respect to fractionation. This area is not deemed very prospective for LCT-pegmatites. Several pegmatite dykes were discovered in the central part of the Property. Although the lithium results were not very high, the presence of fractionated pegmatite dykes based on low K/Rb ratios is encouraging. (Figure 10 and Figure 11). Lithium values in this area ranged from below detection (< 15 ppm Li) to 104 ppm Li, and rubidium values up to 1210 ppm (Figure 12).

The Property is generally covered in overburden, moss, and foliage, making it difficult to locate pegmatite dykes or more importantly identify spodumene mineralization. However, several features that may be pegmatite dykes have been identified in the central and north areas of the Property from the available LiDAR data (Figure 11 and Figure 12). These features offer exploration targets for further prospecting and sampling.

9. Recommendations

The Property merits further work in the central part of the Property where fractionated pegmatite dykes have been identified. Approximately 28 man-days of pXRF prospecting, hand trenching and sampling are recommended to follow up the 2023 results and to explore 47 potential pegmatite targets identified from LiDAR data. The budget for this program is estimated to be $35,000 as detailed in Table 1. Testing rock samples for lithium with a portable laser induced breakdown spectroscopy (pLIBS)) analyzer will reduce assay costs. Prospecting should also be done in the north part of the Property at an additional cost of $1,250 per man day.

Table 1: Cost Estimate

Item	No	Unit	Rate $	Cost $
Geologist	1	days @	1,000	1,000
Senior Tech	7	days @	700	4,900
Junior Techs x3	21	days @	525	11,025
F&L	28	days @	120	3,360
Supplies	1	item @	100	100
Truck+Gas	7	days @	300	2,100
ATV	7	days @	200	1,400
Trailer (Tandem)	2	days @	60	120
pXRF	7	days @	125	875
pLIBS	7	days @	125	875
VHF-FM Radios x4	28	days @	10	280
Field computer x4	28	days @	10	280
Assays	50	assays @	70	3,500
GIS, Report etc.	2	days @	1,000	2,000
Subtotal				31,815
~10% Contingency				3,185
Total				**35,000**

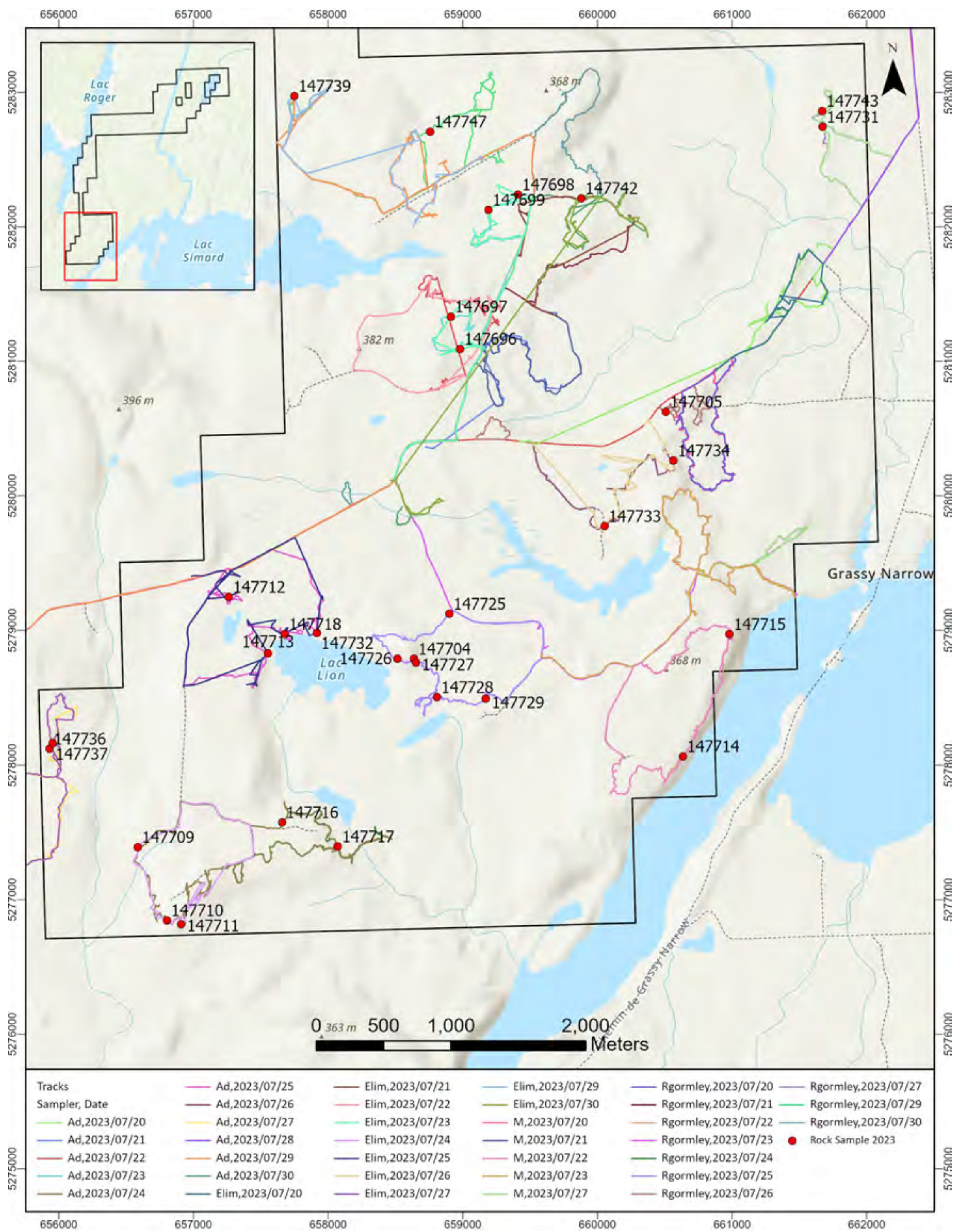

Figure 8: Sample locations south part of Property

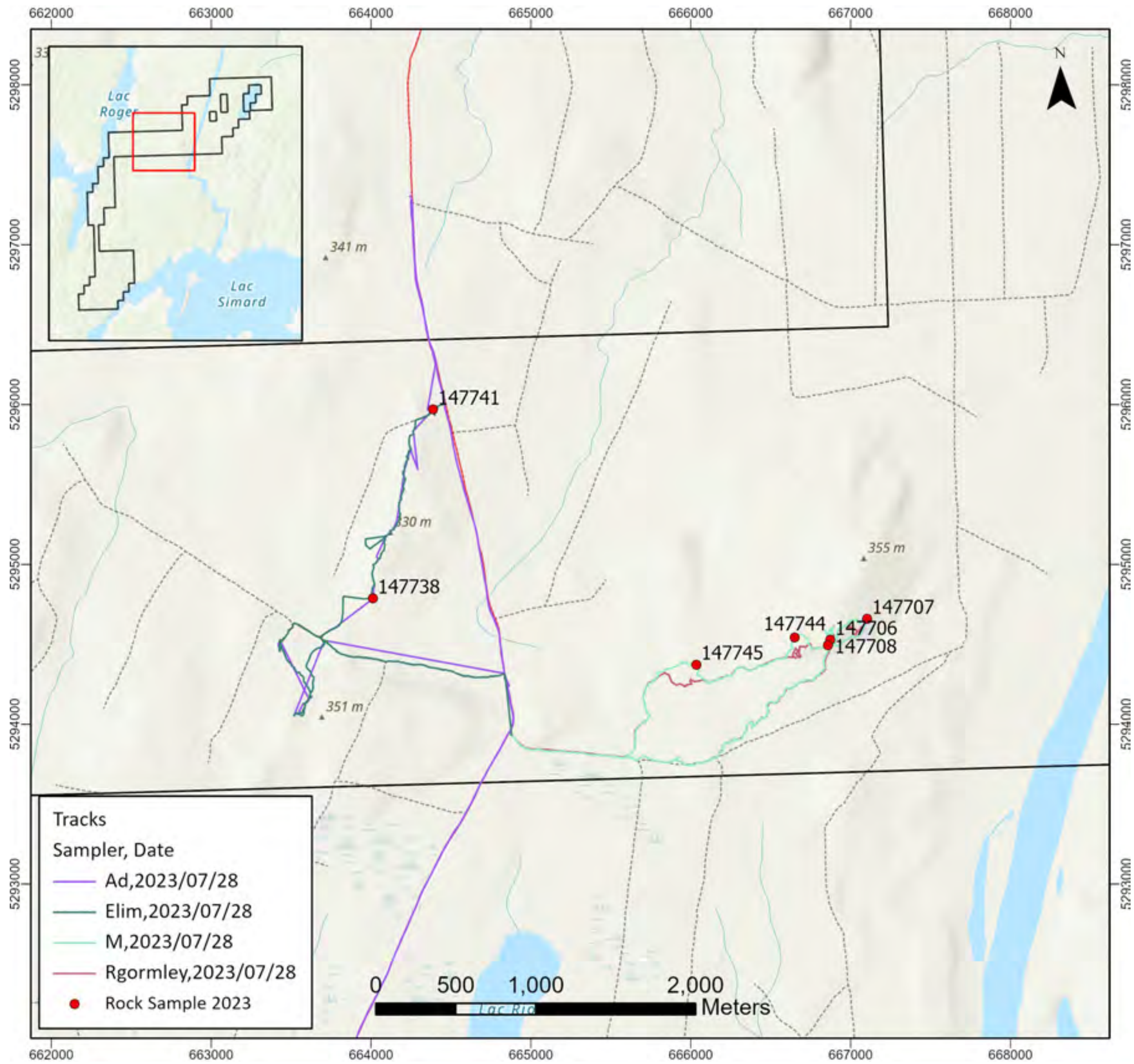

Figure 9: Sample locations central part of Property

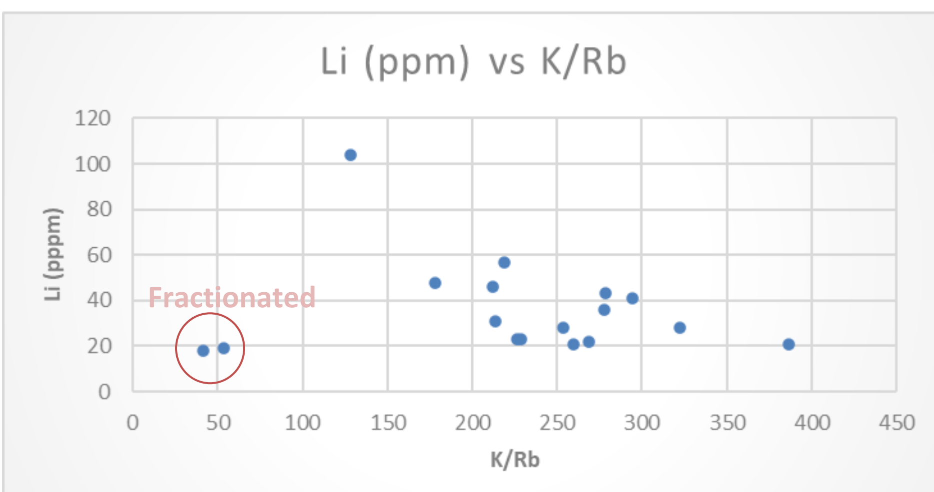

Figure 10: Fractionated samples in central part of Property based on Li versus K/Rb ratio

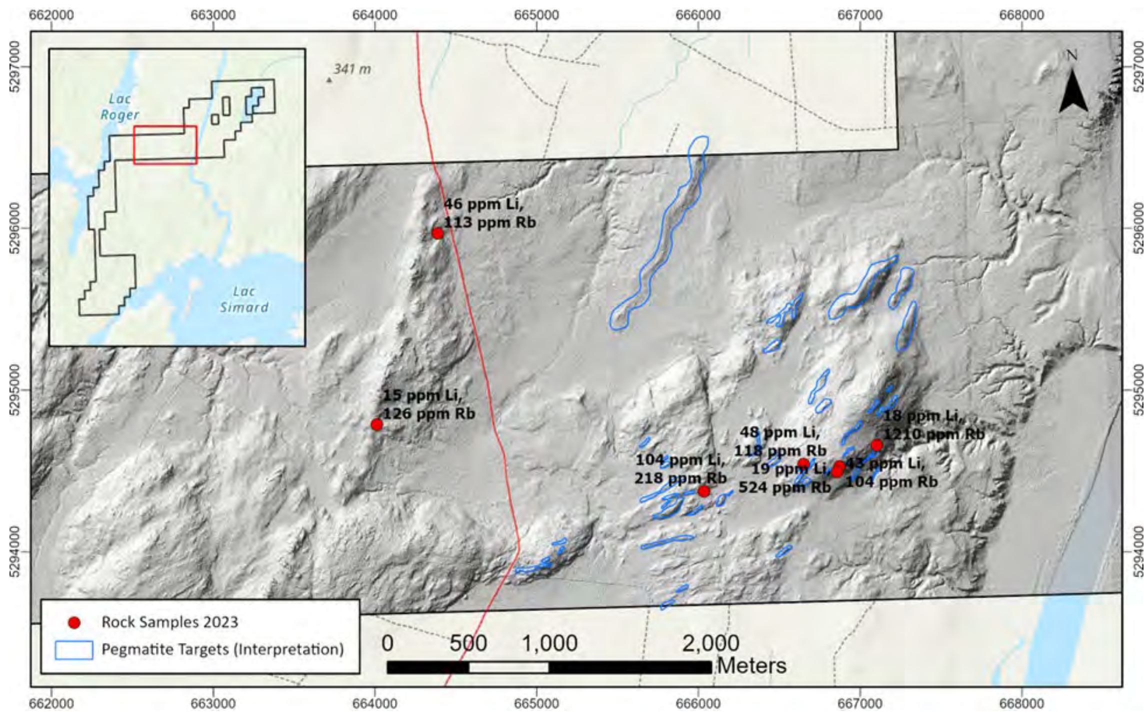

Figure 11: p XRF results from central part of Property

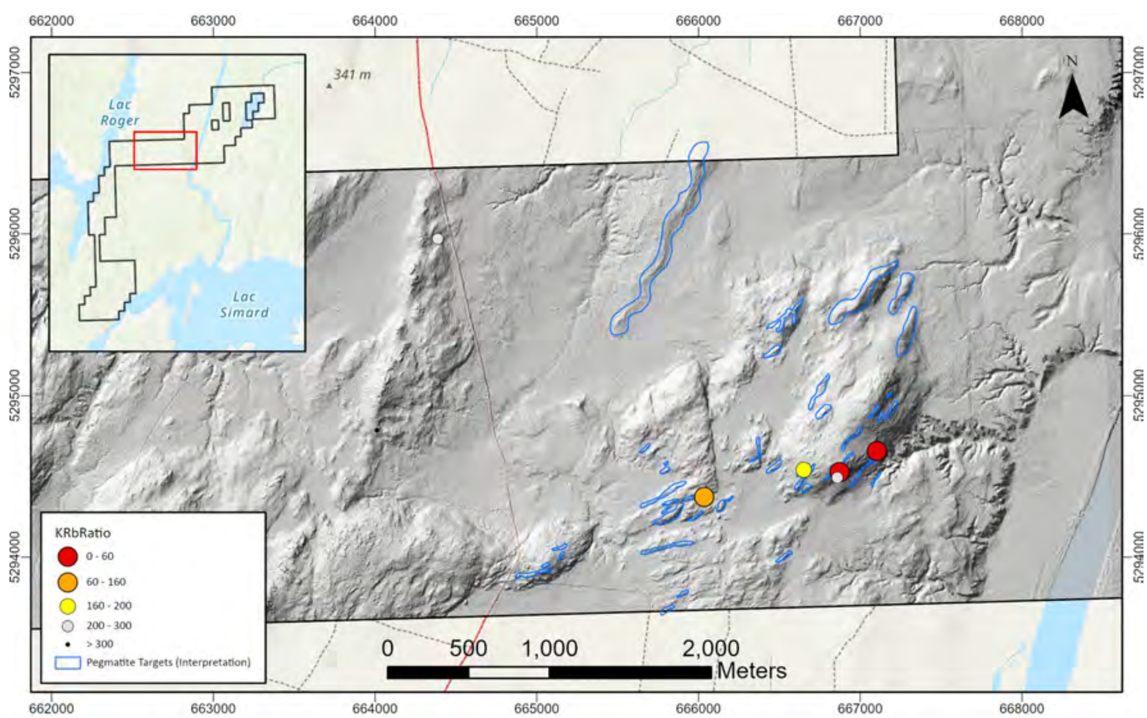

Figure 12: Analytical laboratory results from central part of Property

10. References

Bradley, D. C., McCauley, A. D., & Stillings, L. L. (2017). Mineral-deposit model for lithium-cesium-tantalum pegmatites. In *Scientific Investigations Report*. https://doi.org/10.3133/sir20105070O

Černý, P. (1991a). *Rare-element Granitic Pegmatites. Part I: Anatomy and Internal Evolution of Pegmatitic Deposits. Geoscience Canada, Vol. 18, No. 2, pp. 49-67*. https://journals.lib.unb.ca/index.php/GC/article/view/3722

Černý, P. (1991b). *Rare-element Granitic Pegmatites. Part II: Regional to Global evironments and Petrogenesis Geoscience Canada, Vol.18, No. 2, pp. 68-81*. https://journals.lib.unb.ca/index.php/gc/article/view/3723/4237

Duuring, P. (2020). *Rare element pegmatites: a mineral systems analysis*. https://doi.org/10.13140/RG.2.2.35634.84166

Evident Corp. (2023). *Lithium Exploration: The Use of XRF and XRD. AZoMining.* https://www.azomining.com/Article.aspx?ArticleID=1457.

GESTIM. (n.d.). *Gestion des titres miniers Québec*. Retrieved March 6, 2022, from https://gestim.mines.gouv.qc.ca/MRN_GestimP_Presentation/ODM02201_menu_base.aspx

Knoll, T., Huet, B., Schuster, R., Mali, H., Ntaflos, T., & Hauzenberger, C. (2023). Lithium pegmatite of anatectic origin – A case study from the Austroalpine Unit Pegmatite Province (Eastern European Alps): Geological data and geochemical modeling. *Ore Geology Reviews*, 105298. https://doi.org/10.1016/j.oregeorev.2023.105298

Koopmans, L., Martins, T., Linnen, R., Gardiner, N., Breasley, C., Palin, R., Groat, L., Silva, D., & Robb, L. (2023). The formation of lithium-rich pegmatites through multi-stage melting. *Geology*, *52*. https://doi.org/10.1130/G51633.1

Madoro. (2023). *Press Release February 1, 2023: Madoro enters into option agreement to acquire 100% of the First Green Lithium Project in Quebec*.

OREAS 722. (n.d.). *Certified Reference Material - Oreas 722*. Retrieved February 2, 2024, from https://www.oreas.com/crm/oreas-722/

Selway, J., Breaks, F., & Tindle, A. (2005). A Review of Rare-Element (Li-Cs-Ta) Pegmatite Exploration Techniques for the Superior Province, Canada, and Large Worldwide Tantalum Deposits. *Exploration and Mining Geology*, *14*, 1–30. https://doi.org/10.2113/gsemg.14.1-4.1

SIGÉOM. (n.d.-a). *Système d'information géominière du Québec - Carte interactive*. https://sigeom.mines.gouv.qc.ca/signet/classes/I1108_afchCarteIntr

SIGÉOM. (n.d.-b). *Système d'information géominière du Québec - Homepage*. https://sigeom.mines.gouv.qc.ca/signet/classes/I1102_indexAccueil?l=f

Trading Economics. (n.d.). *Lithium Webpage*. Retrieved February 9, 2024, from https://tradingeconomics.com/commodity/lithium

Trueman, D. L., & Černý P. (1982). *Exploration for Rare-Element Granitic Pegmatites. In: Cerny, P., Ed., Granitic Pegmatites in Science and Industry: Mineralogical Association of Canada Short Course Handbook, Vol. 8, 463-494.*

USGS. (2023). *U.S. Geological Survey, Mineral Commodity Summaries, January 2023*. https://pubs.usgs.gov/periodicals/mcs2023/mcs2023-lithium.pdf

Appendix A: Mineral Titles

NTS Sheet	Type	No.	Expiry Date	Area (Ha)	Title Holders Name (No.)
31M10	CDC	2653248	16-Jun-25	58.01	Mark Fekete (6489) 100%
31M10	CDC	2653249	16-Jun-25	58.01	Mark Fekete (6489) 100%
31M10	CDC	2653250	16-Jun-25	58.01	Mark Fekete (6489) 100%
31M10	CDC	2653251	16-Jun-25	58.01	Mark Fekete (6489) 100%
31M10	CDC	2653252	16-Jun-25	58.00	Mark Fekete (6489) 100%
31M10	CDC	2653253	16-Jun-25	58.00	Mark Fekete (6489) 100%
31M10	CDC	2653254	16-Jun-25	58.00	Mark Fekete (6489) 100%
31M10	CDC	2653255	16-Jun-25	58.00	Mark Fekete (6489) 100%
31M10	CDC	2653256	16-Jun-25	58.00	Mark Fekete (6489) 100%
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31M10	CDC	2653288	16-Jun-25	57.96	Marty Huber (89538) 100%
31M10	CDC	2653289	16-Jun-25	57.95	Marty Huber (89538) 100%
31M10	CDC	2653290	16-Jun-25	57.94	Marty Huber (89538) 100%
31M10	CDC	2653291	16-Jun-25	57.93	Marty Huber (89538) 100%
31M10	CDC	2653292	16-Jun-25	57.93	Marty Huber (89538) 100%
31M10	CDC	2653293	16-Jun-25	57.93	Marty Huber (89538) 100%
31M10	CDC	2653294	16-Jun-25	57.92	Marty Huber (89538) 100%
31M10	CDC	2653295	16-Jun-25	57.92	Marty Huber (89538) 100%
31M10	CDC	2653296	16-Jun-25	57.92	Marty Huber (89538) 100%
31M10	CDC	2653297	16-Jun-25	57.91	Marty Huber (89538) 100%
31M10	CDC	2653298	16-Jun-25	57.91	Marty Huber (89538) 100%
31M10	CDC	2653299	16-Jun-25	57.91	Marty Huber (89538) 100%
31M10	CDC	2653300	16-Jun-25	57.91	Marty Huber (89538) 100%
31M10	CDC	2653301	16-Jun-25	57.91	Marty Huber (89538) 100%
31M10	CDC	2653302	16-Jun-25	57.90	Marty Huber (89538) 100%
31M10	CDC	2653303	16-Jun-25	57.90	Marty Huber (89538) 100%
31M10	CDC	2653304	16-Jun-25	57.90	Marty Huber (89538) 100%
31M10	CDC	2653305	16-Jun-25	57.90	Marty Huber (89538) 100%
31M10	CDC	2653306	16-Jun-25	57.89	Marty Huber (89538) 100%

NTS Sheet	Type	No.	Expiry Date	Area (Ha)	Title Holders Name (No.)
31M10	CDC	2653307	16-Jun-25	57.89	Marty Huber (89538) 100%
31M10	CDC	2653308	16-Jun-25	57.89	Marty Huber (89538) 100%
31M15	CDC	2653309	16-Jun-25	57.88	Marty Huber (89538) 100%
31M15	CDC	2653310	16-Jun-25	57.88	Marty Huber (89538) 100%
31M15	CDC	2653311	16-Jun-25	57.88	Marty Huber (89538) 100%
31M15	CDC	2653312	16-Jun-25	57.87	Marty Huber (89538) 100%
31M15	CDC	2653313	16-Jun-25	57.87	Marty Huber (89538) 100%
31M15	CDC	2653314	16-Jun-25	57.87	Marty Huber (89538) 100%
31M15	CDC	2653315	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653316	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653317	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653318	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653319	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653320	16-Jun-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2653321	16-Jun-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2653322	16-Jun-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2653323	16-Jun-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2653324	16-Jun-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2653325	16-Jun-25	57.84	Marty Huber (89538) 100%
31M15	CDC	2653326	16-Jun-25	57.84	Marty Huber (89538) 100%
31M15	CDC	2653327	16-Jun-25	57.84	Marty Huber (89538) 100%
31M10	CDC	2653328	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653329	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653330	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653331	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653332	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653333	16-Jun-25	58.02	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653334	16-Jun-25	58.01	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653335	16-Jun-25	58.01	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653336	16-Jun-25	58.01	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653337	16-Jun-25	58.01	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653338	16-Jun-25	57.90	Lynsi Henrickson (95952) 100 %
31M10	CDC	2653339	16-Jun-25	57.89	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653340	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653341	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653342	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653343	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653344	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653345	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653346	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653347	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653348	16-Jun-25	57.86	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653349	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653350	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653351	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653352	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653353	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653354	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653355	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653356	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653357	16-Jun-25	57.85	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653358	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653359	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653360	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653361	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653362	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653363	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653364	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653365	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653366	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2653367	16-Jun-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656566	7-Jul-25	57.86	Marty Huber (89538) 100%

NTS Sheet	Type	No.	Expiry Date	Area (Ha)	Title Holders Name (No.)
31M15	CDC	2656567	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656568	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656569	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656570	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656571	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656572	7-Jul-25	57.86	Marty Huber (89538) 100%
31M15	CDC	2656573	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656574	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656575	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656576	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656577	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656578	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656579	7-Jul-25	57.85	Marty Huber (89538) 100%
31M15	CDC	2656580	7-Jul-25	57.84	Marty Huber (89538) 100%
31M15	CDC	2656581	7-Jul-25	57.84	Marty Huber (89538) 100%
31M15	CDC	2656582	7-Jul-25	57.84	Marty Huber (89538) 100%
31M15	CDC	2656583	7-Jul-25	57.83	Marty Huber (89538) 100%
31M15	CDC	2656584	7-Jul-25	57.83	Marty Huber (89538) 100%
31M15	CDC	2656585	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656586	7-Jul-25	57.83	Marty Huber (89538) 100%
31M15	CDC	2656587	7-Jul-25	57.83	Marty Huber (89538) 100%
31M15	CDC	2656588	7-Jul-25	57.83	Marty Huber (89538) 100%
31M15	CDC	2656589	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656590	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656591	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656592	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656593	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656594	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656595	7-Jul-25	57.82	Marty Huber (89538) 100%
31M15	CDC	2656596	7-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656597	7-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656598	7-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656599	7-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656600	7-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656601	7-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656602	7-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656603	7-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656604	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656605	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656606	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656607	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656608	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656609	7-Jul-25	57.84	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656610	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656611	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656612	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656613	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656614	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656615	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656616	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656617	7-Jul-25	57.83	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656618	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656619	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656620	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656621	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656622	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656623	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656624	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656625	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656626	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656627	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %

NTS Sheet	Type	No.	Expiry Date	Area (Ha)	Title Holders Name (No.)
31M15	CDC	2656629	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656630	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656631	7-Jul-25	57.82	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656632	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656633	7-Jul-25	57.81	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656634	7-Jul-25	57.80	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656635	7-Jul-25	57.80	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656636	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656637	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656638	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656639	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656640	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656641	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656642	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M15	CDC	2656643	7-Jul-25	57.79	Lynsi Henrickson (95952) 100 %
31M10	CDC	2656699	8-Jul-25	58.02	Marty Huber (89538) 100%
31M10	CDC	2656700	8-Jul-25	58.00	Marty Huber (89538) 100%
31M15	CDC	2656701	8-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656702	8-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656703	8-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656704	8-Jul-25	57.81	Marty Huber (89538) 100%
31M15	CDC	2656705	8-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656706	8-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656707	8-Jul-25	57.80	Marty Huber (89538) 100%
31M15	CDC	2656708	8-Jul-25	57.79	Marty Huber (89538) 100%
31M15	CDC	2656709	8-Jul-25	57.79	Marty Huber (89538) 100%
31M15	CDC	2656710	8-Jul-25	57.79	Marty Huber (89538) 100%
31M15	CDC	2660596	17-Aug-25	57.36	Marty Huber (89538) 100%
31M15	CDC	2660597	17-Aug-25	57.18	Marty Huber (89538) 100%
31M15	CDC	2660599	17-Aug-25	57.26	Marty Huber (89538) 100%

Appendix B: Sample Descriptions

Appendix B - Sample Locations and Descriptions

SampleNo	UTM_X	UTM_Y	Elevation	Date	SampleType	Sampler	Colour	Lithology	Comment
147703	660634	5280535		2023-07-19	(Outcrop grab)	Rgormley	White	(Pegmatite)	Pegmatite within gneiss
147719	660611	5280582		2023-07-19	(Outcrop grab)	Rgormley	Black	(Magic dike)	
147720	660606	5280584		2023-07-19	(Outcrop grab)	Rgormley	(Dark grey, white)	Pegmatite	Tourmaline?
147687	661435	5281592		2023-07-20	(Outcrop chip)	AD	(White)	(Granite)	Small pegmatitic granite veinlets
147688	659358	5281184	291	2023-07-21	FloatGrab	Ad	Pink	Granite	Several pegmatite floats in the area.
147721	659562	5281594	292.7	2023-07-21	OutcropGrab	Rgormley	White	Metasediment(s)	Metasedimentary outcrop with small irregular pegmatitic body
147722	660228	5281994	282.4	2023-07-21	OutcropGrab	Rgormley	White	Granite	Pegmatitic granitic intrusion with metasedimentary xenoliths
147723	659967	5282228	292.6	2023-07-21	OutcropGrab	Rgormley	White	Granite	Metasedimentary outcrop with small pegmatitic intrusion
147724	659489	5281441	274.8	2023-07-21	OutcropGrab	Rgormley	White	Granite	Pegmatitic granitic dike with metasedimentary contact
147714	660634	5278066	261.1	2023-07-22	OutcropGrab	Rgormley	White	Granite	Pegmatite zonation within gneiss
147715	660981	5278971	292.8	2023-07-22	FloatGrab	Rgormley	White	Pegmatite	Large pegmatite boulder roughly 5m x 5m
147716	657658	5277576	294	2023-07-24	OutcropGrab	Rgormley	White	Granite	Granite gneiss with weak Pegmatite texture
147617	658072	5277395	275.5	2023-07-24	FloatGrab	Rgormley	White	Granite	Pegmatitic granitic boulder
147725	658899	5279122	315.2	2023-07-25	OutcropGrab	Rgormley	White	Pegmatite	Pegmatitic dike with metasedimentary contact
147726	658517	5278793	318.7	2023-07-25	OutcropGrab	Rgormley	White	Pegmatite	Narrow Pegmatitic dike with several pegmatitic boulders derived from larger zones, within gneiss
147727	658652	5278764	313.3	2023-07-25	OutcropGrab	Rgormley	White	Granite	Pegmatitic dike intruding gneiss outcrop
147728	658809	5278507	296.8	2023-07-25	FloatGrab	Rgormley	White	Granite	Boulders, outcrop may be nearby
147729	659172	5278494	288.6	2023-07-25	OutcropGrab	Rgormley	White	Granite	Metasedimentary outcrop with pegmatitic dike
147696	658981	5281093	299.7	2023-07-23	OutcropChip	Elim	Grey Dark	Pegmatite	Small irregular pegmatiic bodies on metasedimentary outcrop
147697	658911	5281331	292.5	2023-07-23	OutcropChip	Elim	White	Granite	Small irregular granitic bodies
147698	659409	5282240	297	2023-07-23	FloatGrab	Elim	White	Pegmatite	Pegmatite float
147699	659190	5282126	295.7	2023-07-23	FloatGrab	Elim	White	Pegmatite	Pegmatite boulder
147709	656587	5277391	273	2023-07-24	OutcropChip	Elim	Pink	Pegmatite	Orthoclase rich pegmatite with few micas
147710	656802	5276847	288.3	2023-07-24	OutcropChip	Elim	White	Pegmatite	Small pegmatiic dyke
147711	656908	5276819	286.4	2023-07-24	OutcropChip	Elim	White	Pegmatite	Small pegmatite dyke
147712	657263	5279247	317.6	2023-07-25	OutcropChip	Elim	Grey Dark	Pegmatite	Small pegmatitic body
147713	657553	5278832	297.7	2023-07-25	OutcropChip	Elim	White	Pegmatite	Small pegmatitic dyke
147718	657678	5278972	293	2023-07-25	OutcropChip	Elim	White	Pegmatite	Small pegmatitic body on metasediments
147732	657918	5278980	286.5	2023-07-25	SubCropGrab	Elim	White	Pegmatite	Huge pegmatitic subcrop
147704	658639	5278791	321.3	2023-07-25	OutcropChip	Elim	White	Pegmatite	Pegmatite dyke within gneiss, pinches and swells up to 1m

Appendix B - Sample Locations and Descriptions

SampleNo	UTM_X	UTM_Y	Elevation	Date	SampleType	Sampler	Colour	Lithology	Comment
147705	660508	5280624	291.1	2023-07-26	OutcropChip	Elim	Black	Mafic Dyke	Dark green to black massive fine to coarse pyroxene? Amphibole? With fine grained sulphide. Trending roughly at 50degrees
147707	667103	5294659	283.8	2023-07-28	OutcropChip	Elim	White	Pegmatite	Medium grained muscovite
147744	666650	5294542	296	2023-07-28	SubCropGrab	Elim	White	Pegmatite	Pegmatite dyke? Subcrop muscovite up to 3cm
147745	666034	5294373	290.2	2023-07-28	OutcropChip	Elim	White	Pegmatite	Dyke flat lying
147730	632568	5293044	238	2023-07-29	QAQC Blank	Ad	White		
147740	632575	5293045	239.1	2023-07-29	QAQC Blank	Ad	White		Blank
147735	632575	5293045	232.6	2023-07-29	QAQC Standard	Ad	White		Standard 751 oreas
147748	632575	5293045	236.8	2023-07-29	QAQC Standard	Ad	White		Oreas 751
147733	660053	5279774	288.3	2023-07-26	OutcropChip	Elim	White	Pegmatite	Small thin pegmatitic body
147734	660565	5280261	283.9	2023-07-26	FloatGrab	Elim	White	Pegmatite	Pegmatitic boulder
147736	655931	5278123	297.7	2023-07-27	SubCropGrab	Elim	Pink	Pegmatite	Pegmatitic subcrop?
147737	655953	5278166	293.9	2023-07-27	OutcropChip	Elim	White	Pegmatite	
147741	664387	5295969	274	2023-07-28	OutcropChip	Elim	White	Pegmatite	Irregular bodies of pegmatite on granite
147738	664011	5294786	276.9	2023-07-28	OutcropChip	Elim	White	Pegmatite	Granite with irregular pegmatite bodies
147739	657749	5282973	278.4	2023-07-29	OutcropChip	Elim	White	Pegmatite	Smal and thin pegmatitic dyke
147742	659880	5282212	298.3	2023-07-30	SubCropGrab	Elim	White	Pegmatite	Pegamatitic subcrop
147731	661672	5282743	263	2023-07-27	FloatGrab	Rgormley	White	Pegmatite	Float with similar looking bedrock
147743	661669	5282862	262.9	2023-07-27	OutcropGrab	Rgormley	White	Metasediment(s)	Sample of pegmatite inclusion in metasediments, biotite and fluorite?
147706	666873	5294527	307.3	2023-07-28	OutcropGrab	Rgormley	White	Pegmatite	Pegmatite dike intruding metasediments, assumed 3 meters wide, 80-100 meters long, medium to coarse grained, micas
147708	666857	5294493	295.9	2023-07-28	SubCropGrab	Rgormley	White	Pegmatite	Pegmatite subcrop, biotite muscovite crystals
147747	658758	5282708	295.5	2023-07-29	SubCropGrab	Rgormley	White	Granite	Granitic outcrop with pegmatitic texture

Appendix C: Analytical Certificates

Report No.: **A23-10512**
Report Date: **11-Sep-23**
Date Submitted: **31-Jul-23**
Your Reference:

Madoro Metals Corp

ATTN: Marty Huber

CERTIFICATE OF ANALYSIS

51 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-7	QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES + ICPMS)	2023-08-26 10:53:03

REPORT **A23-10512**

Notes:

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	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
147687	9.13	< 5	< 10	697	< 3	< 2	1.34	< 2	23.7	15.1	200	7.3	20	1.6	1.5	0.9	4.62	24.7	1.8	1.3	0.4	< 10	< 0.2
147688	7.46	< 5	< 10	770	< 3	< 2	0.39	< 2	10.5	1.1	50	1.6	8	1.2	0.7	0.6	1.00	21.2	0.9	1.1	0.2	< 10	< 0.2
147696	8.33	< 5	< 10	1080	< 3	< 2	1.95	< 2	36.6	10.0	80	6.1	20	2.6	1.4	1.6	2.36	16.4	2.7	1.4	0.6	30	< 0.2
147697	7.85	< 5	< 10	574	< 3	< 2	1.25	< 2	25.2	5.5	160	3.7	16	0.8	0.6	1.1	1.92	13.8	0.9	1.2	0.3	< 10	< 0.2
147698	7.73	< 5	< 10	804	< 3	< 2	1.30	< 2	12.9	5.3	160	3.6	11	0.4	0.3	0.9	1.34	19.4	0.4	1.0	< 0.2	< 10	< 0.2
147699	7.92	< 5	< 10	34	< 3	< 2	0.34	< 2	2.7	0.9	70	4.4	8	0.6	0.2	< 0.1	1.23	24.2	0.4	1.6	< 0.2	< 10	< 0.2
147703	4.98	< 5	< 10	1440	< 3	< 2	1.28	< 2	13.9	7.0	350	1.2	37	1.4	0.8	1.4	1.55	10.3	1.8	1.0	0.3	< 10	< 0.2
147704	7.34	< 5	< 10	1030	< 3	< 2	0.95	< 2	6.4	0.9	< 30	0.8	5	< 0.3	0.2	0.9	0.93	14.3	0.4	1.0	< 0.2	< 10	< 0.2
147705	2.98	< 5	< 10	106	< 3	< 2	5.05	< 2	18.5	105	2130	3.0	24	1.3	1.0	0.4	9.30	8.8	1.7	3.0	0.3	< 10	< 0.2
147706	7.94	< 5	< 10	46	102	< 2	0.10	< 2	1.1	3.5	40	14.5	40	< 0.3	0.2	< 0.1	0.84	28.4	0.7	3.1	< 0.2	< 10	< 0.2
147707	8.21	< 5	< 10	59	19	< 2	0.06	< 2	2.7	1.5	60	26.0	13	0.4	0.2	< 0.1	0.49	29.4	0.5	3.0	< 0.2	< 10	< 0.2
147708	8.11	< 5	< 10	3090	3	< 2	0.71	< 2	10.8	1.9	40	7.9	9	1.7	1.2	2.3	1.08	16.7	1.3	1.7	0.4	< 10	< 0.2
147709	7.83	< 5	< 10	2030	< 3	< 2	0.43	< 2	8.2	1.1	40	1.6	8	< 0.3	0.1	1.4	0.57	14.5	0.4	0.9	< 0.2	< 10	< 0.2
147710	7.31	< 5	< 10	2220	< 3	< 2	0.68	< 2	11.3	1.4	40	0.6	6	< 0.3	< 0.1	1.6	0.90	15.5	0.7	0.9	< 0.2	< 10	< 0.2
147711	7.46	< 5	< 10	705	< 3	< 2	0.50	< 2	16.7	2.9	60	1.5	25	0.4	0.4	0.7	1.07	15.2	0.7	0.9	< 0.2	< 10	< 0.2
147712	6.82	< 5	< 10	661	< 3	< 2	1.29	< 2	19.8	3.8	90	2.1	21	0.6	0.6	1.0	1.64	13.6	0.6	0.9	< 0.2	< 10	< 0.2
147713	8.52	< 5	< 10	1470	< 3	< 2	0.82	< 2	14.1	2.8	40	0.9	13	0.3	0.2	1.1	0.76	16.2	0.4	0.8	< 0.2	< 10	< 0.2
147714	9.11	< 5	< 10	575	< 3	< 2	1.98	< 2	57.9	3.0	70	2.5	10	1.1	0.6	1.0	1.52	17.2	2.2	1.4	< 0.2	< 10	< 0.2
147715	7.60	< 5	< 10	26	< 3	< 2	0.05	< 2	3.2	0.4	30	11.0	< 2	< 0.3	< 0.1	< 0.1	0.37	24.3	0.2	2.1	< 0.2	< 10	< 0.2
147716	6.70	< 5	< 10	1700	< 3	< 2	0.41	< 2	10.8	1.9	90	0.8	6	0.4	0.1	1.4	1.17	11.5	0.5	0.9	< 0.2	< 10	< 0.2
147717	7.45	< 5	< 10	461	< 3	< 2	1.39	< 2	8.3	1.6	40	1.3	22	< 0.3	0.3	0.4	0.65	12.6	0.6	0.8	< 0.2	< 10	< 0.2
147718	7.18	< 5	< 10	1330	< 3	< 2	0.98	< 2	3.6	1.3	30	1.2	2	< 0.3	0.2	1.1	0.96	15.3	0.2	1.1	< 0.2	< 10	< 0.2
147719	4.20	< 5	< 10	310	< 3	< 2	7.51	< 2	20.6	75.4	1300	26.1	77	3.0	1.6	0.9	8.08	10.6	3.4	2.3	0.5	< 10	< 0.2
147720	7.11	< 5	< 10	501	< 3	< 2	5.57	< 2	38.6	71.8	280	11.4	999	4.5	2.4	1.4	9.42	17.6	5.5	3.2	0.8	< 10	< 0.2
147721	7.41	< 5	< 10	388	< 3	< 2	1.73	< 2	27.6	8.5	90	5.0	14	1.3	0.8	0.9	1.75	13.6	1.6	1.3	0.2	< 10	< 0.2
147722	10.4	< 5	< 10	531	< 3	< 2	3.62	< 2	39.4	6.5	110	3.0	5	8.9	6.2	2.0	2.02	20.0	6.8	1.6	1.8	< 10	< 0.2
147723	5.50	< 5	< 10	2530	< 3	< 2	1.91	< 2	16.3	3.3	80	3.1	10	1.2	0.7	2.1	1.40	12.8	1.1	1.6	0.3	< 10	< 0.2
147724	7.65	< 5	< 10	1310	4	< 2	0.34	< 2	7.2	1.1	30	7.9	8	< 0.3	0.2	0.9	1.13	20.4	0.5	1.4	< 0.2	< 10	< 0.2
147725	7.37	< 5	< 10	2920	< 3	< 2	0.64	< 2	3.7	1.0	< 30	4.8	7	< 0.3	0.2	2.1	0.60	16.6	0.4	0.9	< 0.2	< 10	< 0.2
147726	7.34	< 5	< 10	2450	< 3	< 2	0.99	< 2	19.3	2.6	40	1.1	9	0.5	0.2	2.1	1.06	15.4	0.9	1.0	< 0.2	< 10	< 0.2
147727	8.00	< 5	< 10	5140	< 3	< 2	1.25	< 2	10.8	1.8	30	1.6	9	< 0.3	< 0.1	3.6	0.51	15.1	0.5	0.9	< 0.2	< 10	< 0.2
147728	7.66	< 5	< 10	2160	< 3	< 2	1.41	< 2	3.9	1.8	100	1.6	9	< 0.3	< 0.1	1.6	0.93	14.4	0.3	0.9	< 0.2	< 10	< 0.2
147729	7.41	< 5	30	214	< 3	< 2	1.04	< 2	5.4	6.2	270	1.4	31	0.4	0.3	0.3	1.26	12.8	0.8	1.0	< 0.2	< 10	< 0.2
147730	0.04	< 5	30	536	< 3	< 2	20.4	< 2	4.2	0.6	40	0.7	6	< 0.3	< 0.1	0.4	0.14	0.3	0.3	< 0.7	< 0.2	< 10	< 0.2
147731	7.36	< 5	< 10	260	< 3	< 2	1.25	< 2	10.4	2.1	60	1.4	5	1.7	1.4	0.7	1.06	13.8	1.3	1.7	0.3	< 10	< 0.2
147732	7.66	< 5	< 10	3090	< 3	< 2	1.12	< 2	7.1	5.4	240	3.7	12	< 0.3	0.2	2.4	1.57	15.6	0.5	1.0	< 0.2	< 10	< 0.2
147733	7.23	< 5	< 10	1050	< 3	< 2	0.37	< 2	10.1	1.0	30	2.7	5	0.4	0.3	0.9	0.80	24.1	0.8	1.2	< 0.2	< 10	< 0.2
147734	8.10	< 5	< 10	867	< 3	< 2	0.30	< 2	3.6	1.5	120	4.0	3	0.5	0.5	0.8	1.06	16.8	0.3	1.3	< 0.2	< 10	< 0.2
147735	8.42	10	20	406	108	< 2	0.74	5	32.9	4.1	80	51.9	32	2.3	1.4	0.7	1.68	17.8	2.9	4.6	0.4	< 10	0.6
147736	9.26	< 5	< 10	2700	< 3	< 2	1.19	< 2	64.2	3.8	40	1.4	38	1.0	0.5	2.2	1.95	19.8	2.4	1.2	< 0.2	< 10	< 0.2
147737	6.35	< 5	< 10	559	< 3	< 2	0.11	< 2	13.0	1.0	50	3.5	3	0.4	0.4	0.6	1.09	15.6	0.7	1.3	< 0.2	< 10	< 0.2
147738	8.07	< 5	< 10	4180	< 3	< 2	0.41	< 2	15.1	0.5	< 30	5.8	3	2.6	1.8	2.9	0.43	14.2	2.0	1.2	0.6	< 10	< 0.2
147739	8.96	< 5	< 10	8300	< 3	< 2	0.60	< 2	11.7	1.2	60	2.5	14	< 0.3	0.2	5.9	1.10	14.8	0.7	1.0	< 0.2	< 10	< 0.2
147740	0.84	< 5	30	354	< 3	< 2	19.8	< 2	3.0	5.5	50	0.4	13	0.4	0.3	0.3	0.86	2.4	0.7	< 0.7	< 0.2	< 10	< 0.2
147741	7.46	< 5	< 10	301	< 3	< 2	0.47	< 2	11.8	0.7	50	5.7	9	2.0	1.4	0.2	1.00	18.9	1.7	1.4	0.5	< 10	< 0.2
147742	10.3	< 5	< 10	751	< 3	< 2	2.63	< 2	7.3	3.1	140	3.8	9	1.0	0.6	1.1	1.11	19.0	1.0	1.6	< 0.2	< 10	< 0.2
147743	7.89	< 5	10	491	< 3	< 2	1.20	< 2	13.1	0.8	30	1.9	7	1.1	0.9	0.6	0.91	13.9	1.0	1.3	0.3	< 10	< 0.2
147744	7.52	< 5	< 10	205	6	< 2	0.33	< 2	16.1	0.5	< 30	8.2	3	2.3	1.6	0.2	0.59	27.5	1.9	1.4	0.5	< 10	< 0.2
147745	7.90	< 5	< 10	438	6	< 2	0.50	< 2	15.4	1.6	60	15.6	5	1.3	0.7	0.4	1.48	30.1	1.2	1.4	0.2	< 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
147747	9.24	< 5	< 10	533	4	< 2	0.71	< 2	112	3.6	50	3.1	26	3.0	1.5	1.4	1.79	18.7	5.6	1.5	0.5	< 10	< 0.2
147748	8.28	10	20	409	94	< 2	0.75	5	31.6	4.2	70	52.3	34	2.2	1.2	0.7	1.65	18.6	2.5	5.0	0.4	< 10	0.6

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.4	15	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6	0.1
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-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-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
147687	2.2	9.9	28	1.70	576	9	8.4	9.6	60	20.6	2.7	68.2	0.09	< 2	< 8	> 30.0	2.1	2.4	269	1.0	0.2	< 6	5.8
147688	2.9	5.6	< 15	0.06	150	14	9.3	2.9	10	17.6	0.9	80.6	< 0.01	< 2	< 8	> 30.0	0.8	2.1	458	2.6	0.1	8	8.9
147696	2.5	15.6	31	1.16	374	10	9.0	18.1	30	18.9	4.4	117	0.05	< 2	< 8	> 30.0	3.0	2.1	818	3.8	0.4	< 6	1.9
147697	1.7	11.1	23	0.47	225	24	8.9	8.6	30	19.8	2.3	75.2	0.02	< 2	< 8	> 30.0	1.7	2.5	669	2.3	0.2	7	2.2
147698	1.8	6.2	22	0.68	182	22	10.5	4.9	50	16.5	1.1	67.0	0.02	< 2	11	> 30.0	0.9	1.3	987	3.0	< 0.1	8	1.8
147699	2.3	1.7	57	0.07	263	17	14.4	0.7	10	16.2	0.2	105	< 0.01	< 2	11	> 30.0	0.3	9.6	38	3.9	< 0.1	7	0.4
147703	1.0	6.3	< 15	0.46	133	50	9.0	8.1	50	12.3	1.9	25.0	0.07	< 2	17	> 30.0	1.6	25.3	548	5.0	0.2	9	1.8
147704	2.1	4.8	< 15	0.06	108	9	5.5	1.8	10	31.5	0.5	34.5	< 0.01	< 2	11	> 30.0	0.2	7.7	413	1.4	< 0.1	7	1.1
147705	0.1	10.1	< 15	15.7	1480	8	5.8	8.8	570	6.2	2.1	3.7	0.11	< 2	< 8	23.3	2.3	3.7	205	0.8	0.2	< 6	1.0
147706	2.8	0.4	19	0.04	573	8	55.4	0.9	80	10.6	0.1	524	0.01	< 2	17	> 30.0	0.5	4.8	28	25.1	< 0.1	8	4.2
147707	5.0	1.8	18	0.06	372	9	64.7	1.2	30	15.1	0.4	1210	< 0.01	< 2	< 8	> 30.0	0.7	4.2	33	27.4	< 0.1	< 6	4.1
147708	2.9	6.2	43	0.14	267	8	9.4	5.4	20	46.8	1.5	104	< 0.01	< 2	10	> 30.0	1.4	2.9	361	1.6	0.2	7	1.5
147709	4.6	4.6	< 15	0.06	69	6	4.3	2.7	10	22.3	0.9	83.9	< 0.01	< 2	< 8	> 30.0	0.4	1.0	529	0.8	< 0.1	< 6	1.2
147710	2.6	7.4	< 15	0.05	95	7	5.3	4.5	10	37.4	1.0	37.9	< 0.01	< 2	< 8	> 30.0	0.5	1.7	456	0.9	< 0.1	8	1.5
147711	2.6	9.6	< 15	0.28	112	5	6.1	5.1	20	47.1	1.6	55.8	< 0.01	< 2	12	> 30.0	1.0	0.6	329	0.9	0.1	< 6	3.4
147712	0.6	9.8	< 15	0.32	147	15	5.6	7.5	30	28.5	2.0	16.7	0.03	< 2	15	> 30.0	1.0	1.6	605	1.6	0.1	< 6	2.5
147713	2.5	8.3	< 15	0.14	80	8	5.5	5.4	< 10	24.4	1.3	32.6	0.05	< 2	9	> 30.0	0.6	2.8	701	1.6	< 0.1	< 6	2.2
147714	1.2	30.9	< 15	0.32	162	5	5.1	22.4	20	24.3	6.6	44.6	< 0.01	< 2	29	> 30.0	3.3	2.0	866	1.2	0.2	< 6	7.7
147715	5.8	1.2	< 15	0.02	48	3	15.8	1.3	< 10	24.0	0.4	736	< 0.01	< 2	< 8	> 30.0	0.3	2.5	24	4.6	< 0.1	< 6	0.8
147716	3.0	5.7	< 15	0.12	113	7	5.6	4.1	10	21.9	1.3	49.9	0.02	< 2	< 8	> 30.0	0.5	1.4	353	1.1	< 0.1	7	1.9
147717	0.3	4.6	< 15	0.15	66	5	4.3	2.9	< 10	25.8	0.9	10.9	0.05	< 2	15	> 30.0	0.6	1.6	550	0.9	< 0.1	< 6	1.5
147718	3.0	2.1	< 15	0.09	108	2	3.9	1.5	10	38.0	0.3	52.1	< 0.01	< 2	< 8	> 30.0	0.2	1.5	600	0.6	< 0.1	< 6	1.1
147719	1.1	8.8	28	10.5	1500	11	6.8	15.4	300	7.9	2.9	43.4	< 0.01	< 2	< 8	23.4	3.3	1.8	198	1.6	0.4	< 6	0.5
147720	1.1	17.4	21	5.18	1050	5	7.5	25.5	140	12.4	5.5	42.4	1.97	< 2	10	23.0	5.0	1.7	620	0.8	0.8	7	2.3
147721	0.8	12.2	< 15	0.69	206	6	6.0	10.8	40	23.6	3.2	29.2	0.03	< 2	13	> 30.0	1.8	1.0	579	1.8	0.2	< 6	6.2
147722	0.9	15.9	< 15	0.97	441	8	6.8	28.5	40	34.7	5.9	39.2	0.09	< 2	16	28.9	7.2	2.1	1110	1.5	1.1	< 6	0.7
147723	3.6	9.3	< 15	0.33	260	8	7.1	7.4	20	31.8	2.0	79.5	0.03	< 2	12	> 30.0	1.7	1.5	512	2.1	0.2	< 6	2.2
147724	4.3	3.0	< 15	0.08	119	68	6.0	2.4	< 10	32.4	0.6	113	0.06	< 2	< 8	> 30.0	0.6	1.2	579	0.6	< 0.1	6	10.9
147725	3.2	2.5	< 15	0.08	73	7	5.1	1.4	< 10	31.6	0.4	58.2	0.04	< 2	< 8	> 30.0	0.4	0.9	640	0.8	< 0.1	< 6	1.0
147726	2.4	9.9	< 15	0.16	146	9	5.4	8.2	20	30.6	2.3	39.5	0.01	< 2	< 8	> 30.0	1.8	1.5	715	0.7	0.1	< 6	4.4
147727	2.2	6.7	< 15	0.08	66	8	5.1	2.8	20	33.5	0.8	30.7	0.03	< 2	11	> 30.0	0.4	1.8	1480	0.5	< 0.1	6	0.9
147728	1.3	3.2	< 15	0.08	104	22	7.8	0.8	20	24.3	0.2	22.4	< 0.01	< 2	< 8	> 30.0	0.2	2.2	1170	2.7	< 0.1	7	0.4
147729	2.9	2.8	< 15	0.44	191	33	6.7	2.6	30	19.8	0.6	69.7	0.01	< 2	< 8	> 30.0	0.7	2.4	273	4.3	< 0.1	< 6	2.0
147730	< 0.1	3.7	< 15	13.3	419	12	6.5	0.5	10	8.3	0.1	2.0	0.01	< 2	12	6.80	0.2	2.2	151	2.8	< 0.1	8	0.1
147731	0.4	4.8	< 15	0.35	202	12	6.2	5.9	20	27.4	1.5	16.0	0.04	< 2	< 8	> 30.0	1.6	16.4	345	1.2	0.2	8	0.4
147732	2.4	5.1	< 15	0.66	215	29	9.0	3.7	30	27.0	1.0	49.7	< 0.01	< 2	< 8	> 30.0	0.6	2.2	1000	5.0	< 0.1	10	0.9
147733	2.7	4.8	21	0.15	46	7	9.7	5.1	< 10	13.9	1.1	69.9	0.01	< 2	19	> 30.0	1.5	2.1	237	1.6	< 0.1	7	1.7
147734	6.5	2.6	41	0.12	162	24	10.0	1.0	< 10	47.9	0.4	221	0.02	< 2	10	> 30.0	0.3	5.1	200	3.8	< 0.1	9	0.6
147735	2.5	16.0	4780	0.30	658	12	39.1	16.2	20	21.8	4.1	492	0.05	< 2	< 8	> 30.0	3.0	156	86	27.8	0.4	7	6.5
147736	3.5	35.8	< 15	0.40	248	9	6.0	27.1	20	22.6	7.4	108	0.01	< 2	10	> 30.0	3.0	2.1	605	0.7	0.2	8	2.6
147737	1.7	7.5	< 15	0.19	112	11	9.2	5.3	< 10	5.7	1.4	92.0	< 0.01	< 2	13	> 30.0	1.0	3.1	229	0.9	0.1	7	1.3
147738	5.5	7.6	< 15	0.06	107	7	6.2	6.5	< 10	70.0	1.8	126	0.02	< 2	< 8	> 30.0	1.8	2.5	379	0.6	0.4	< 6	2.5
147739	7.0	7.0	18	0.15	130	18	8.1	4.8	10	55.1	1.2	109	< 0.01	< 2	10	> 30.0	0.8	2.0	656	2.7	< 0.1	10	1.3
147740	< 0.1	1.5	< 15	12.8	561	13	6.5	1.5	20	6.7	0.4	2.8	0.01	< 2	8	7.35	0.4	1.5	131	0.2	< 0.1	9	0.1
147741	2.4	5.1	46	0.06	263	10	9.8	6.7	20	38.5	1.5	113	< 0.01	< 2	< 8	> 30.0	1.6	3.1	175	1.6	0.4	< 6	3.2
147742	0.8	4.2	36	0.44	213	20	6.3	4.6	20	28.8	1.0	28.8	< 0.01	< 2	< 8	> 30.0	0.9	4.2	1550	2.6	0.1	< 6	0.2
147743	1.1	6.7	< 15	0.16	143	6	2.9	6.1	< 10	24.5	1.6	44.4	< 0.01	< 2	< 8	> 30.0	1.5	1.8	713	0.6	0.2	< 6	1.0
147744	2.1	6.5	48	0.05	356	8	16.3	9.1	< 10	23.9	2.2	118	< 0.01	< 2	9	> 30.0	1.8	3.5	63	3.6	0.4	< 6	5.0
147745	2.8	7.2	104	0.26	466	9	21.4	8.4	10	27.9	2.0	218	< 0.01	< 2	< 8	> 30.0	1.9	6.8	159	3.5	0.2	< 6	3.5

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.4	15	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6	0.1
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-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-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
147747	1.2	51.9	23	0.67	226	15	7.5	50.6	20	28.9	13.0	52.5	0.04	< 2	< 8	> 30.0	7.4	1.4	460	3.7	0.7	< 6	19.2
147748	2.5	16.1	4900	0.29	665	11	39.2	16.1	20	21.0	4.0	504	0.06	< 2	< 8	> 30.0	3.2	150	87	27.0	0.4	< 6	6.0

Analyte Symbol	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	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
147687	0.35	0.3	0.2	1.5	136	1.0	10.0	1.1	60
147688	0.02	0.5	< 0.1	3.4	7	1.5	6.7	1.1	< 30
147696	0.21	0.6	0.2	1.2	58	< 0.7	14.1	1.1	30
147697	0.10	0.4	< 0.1	1.0	35	1.1	6.1	0.9	30
147698	0.12	0.4	< 0.1	0.7	29	0.8	2.5	0.2	< 30
147699	0.01	0.5	< 0.1	1.4	< 5	1.6	2.9	0.2	< 30
147703	0.09	0.2	0.1	1.3	32	1.3	7.6	0.8	< 30
147704	0.04	0.2	< 0.1	1.1	8	0.8	1.0	0.2	< 30
147705	0.19	< 0.1	0.1	0.4	109	< 0.7	8.1	0.8	90
147706	< 0.01	3.6	< 0.1	4.5	< 5	< 0.7	1.6	< 0.1	< 30
147707	< 0.01	8.6	< 0.1	1.6	< 5	< 0.7	1.9	< 0.1	< 30
147708	0.03	0.6	0.1	2.1	9	< 0.7	11.1	0.9	< 30
147709	0.02	0.5	< 0.1	0.6	7	< 0.7	1.0	0.2	< 30
147710	0.04	0.2	< 0.1	1.1	12	< 0.7	1.1	0.1	< 30
147711	0.08	0.3	< 0.1	1.4	27	< 0.7	2.7	0.4	< 30
147712	0.08	0.1	< 0.1	2.0	28	< 0.7	3.9	0.5	< 30
147713	0.04	0.2	< 0.1	1.0	14	0.9	1.7	0.3	< 30
147714	0.08	0.2	< 0.1	1.1	29	< 0.7	4.6	0.4	< 30
147715	< 0.01	4.1	< 0.1	0.4	< 5	1.0	0.5	< 0.1	< 30
147716	0.04	0.2	< 0.1	0.8	14	< 0.7	1.8	0.2	< 30
147717	0.03	< 0.1	< 0.1	0.9	9	0.9	3.0	0.3	30
147718	0.02	0.2	< 0.1	1.3	9	< 0.7	1.2	0.1	< 30
147719	0.36	0.2	0.2	0.3	208	< 0.7	14.3	1.2	80
147720	0.77	0.2	0.2	1.1	314	0.7	19.7	1.6	100
147721	0.13	0.2	0.1	1.8	46	0.7	6.6	0.7	< 30
147722	0.12	0.2	0.9	2.8	38	< 0.7	52.9	5.4	< 30
147723	0.12	0.4	0.1	0.9	45	< 0.7	7.0	0.7	< 30
147724	0.03	0.8	< 0.1	1.4	19	0.7	1.5	0.2	< 30
147725	0.04	0.4	< 0.1	1.3	14	< 0.7	1.8	0.3	< 30
147726	0.03	0.2	< 0.1	0.8	16	< 0.7	2.1	0.2	< 30
147727	0.03	0.2	< 0.1	0.6	11	< 0.7	1.3	< 0.1	30
147728	0.03	0.2	< 0.1	0.9	10	1.3	1.0	0.2	< 30
147729	0.06	0.4	< 0.1	1.3	40	1.7	3.3	0.5	30
147730	< 0.01	< 0.1	< 0.1	0.4	10	0.9	0.6	< 0.1	< 30
147731	0.05	< 0.1	0.2	2.0	31	< 0.7	11.5	1.6	< 30
147732	0.07	0.3	< 0.1	0.6	37	1.6	1.5	0.3	30
147733	0.07	0.2	< 0.1	1.2	32	2.8	2.3	0.2	< 30
147734	0.05	1.3	< 0.1	0.5	16	1.5	3.2	0.3	< 30
147735	0.14	3.2	0.2	7.2	34	7.2	11.7	0.9	110
147736	0.10	0.6	< 0.1	0.4	56	0.9	4.8	0.3	40
147737	0.12	0.5	< 0.1	0.7	31	1.5	2.6	0.3	< 30
147738	0.01	0.8	0.3	2.1	10	< 0.7	17.2	1.9	< 30
147739	0.04	0.8	< 0.1	0.8	19	1.0	1.6	0.4	< 30
147740	0.09	< 0.1	< 0.1	0.4	59	< 0.7	2.3	0.3	50
147741	0.02	0.7	0.2	3.1	< 5	1.3	16.4	1.4	30
147742	0.08	0.2	< 0.1	0.3	21	0.8	6.1	0.5	50
147743	0.02	0.2	0.1	1.1	10	< 0.7	8.4	1.1	< 30
147744	0.02	0.5	0.2	3.8	10	0.9	16.1	1.6	< 30
147745	0.05	1.2	0.1	2.2	17	< 0.7	8.8	0.9	40

Analyte Symbol	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	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
147747	0.14	0.3	0.2	7.3	50	1.8	15.1	1.3	30
147748	0.14	3.0	0.2	7.5	30	6.6	13.7	1.1	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
PTM-1a Meas		2210								> 5000			> 10000										
PTM-1a Cert		2200								20500.00			249600.00										
NIST 696 Meas	> 25.0																						
NIST 696 Cert	28.9																						
Oreas 74a (Fusion) Meas		51								569	1730		1170				13.4						
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.000				13.7						
OREAS 101a (Fusion) Meas									1460	46.9			435	32.2	19.4	7.4	11.5		41.1		6.2		
OREAS 101a (Fusion) Cert									1400	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46		
CZN-4 Meas	0.07	352						2620		95.6			4200										
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.000										
OREAS 183 (Fusion ICP) Meas										217													
OREAS 183 (Fusion ICP) Cert										222.0000													
OREAS 922 (Peroxide Fusion) Meas	7.63						0.46										5.81						
OREAS 922 (Peroxide Fusion) Cert	7.59						0.49										5.71						
CCU-1e Meas	0.13	1080						75		308			> 10000				> 30.0						
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7						
OREAS 680 (Peroxide Fusion) Meas	7.10	110		667		< 2	5.60	9	40.3	332	2070	4.2	8950	2.8	1.7	1.3	11.7	15.1	3.3		0.5		
OREAS 680 (Peroxide Fusion) Cert	7.19	120		649		1.66	5.80	8.18	38.7	334	2140	3.94	9040	3.07	1.74	1.30	11.9	16.5	3.77		0.580		
OREAS 139 (Peroxide Fusion) Meas	3.75	325			< 3	7	1.21	285	51.0	24.1		3.5	291		1.9		11.8	10.8					0.6
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0		3.21	274		1.69		11.9	10.2					0.690
OREAS 624 (Peroxide Fusion) Meas	4.21	117		1030		19	1.45	132	35.0	271		1.3	> 10000				16.1	20.3					3.5
OREAS 624 (Peroxide Fusion) Cert	4.32	115		1070		21.3	1.49	133	32.9	273		1.32	30800				16.3	22.1					4.14
OREAS 124 (Peroxide Fusion) Meas	4.58						0.08										1.54						
OREAS 124 (Peroxide Fusion) Cert	4.62						0.0880										1.56						
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0						
AMIS 0346 (Peroxide Fusion)																	44.3						

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
Cert																							
NCS DC73520 Meas																							
NCS DC73520 Cert																							
OREAS 148 (Peroxide Fusion) Meas	5.31						0.90										3.01						
OREAS 148 (Peroxide Fusion) Cert	5.37						0.90										3.06						
OREAS 620 (Peroxide Fusion) Meas	7.17						1.64										3.09						
OREAS 620 (Peroxide Fusion) Cert	7.06						1.63										3.01						
OREAS 999 (Peroxide Fusion) Meas	12.3						0.51										1.75						
OREAS 999 (Peroxide Fusion) Cert	12.23						0.481										1.62						
147687 Orig	9.14	< 5	< 10	697	< 3	< 2	1.35	< 2	23.7	14.8	190	7.1	18	1.4	1.4	0.9	4.64	24.3	1.6	1.3	0.4	< 10	< 0.2
147687 Dup	9.13	< 5	< 10	696	< 3	< 2	1.33	< 2	23.6	15.4	200	7.6	23	1.8	1.7	0.9	4.60	25.0	2.0	1.3	0.4	< 10	< 0.2
147717 Orig	7.83	< 5	< 10	458	< 3	< 2	1.48	< 2	8.4	1.8	40	1.4	24	0.5	0.4	0.4	0.69	12.3	0.7	0.8	< 0.2	< 10	< 0.2
147717 Dup	7.06	< 5	< 10	465	< 3	< 2	1.31	< 2	8.3	1.5	40	1.2	21	< 0.3	0.3	0.5	0.61	12.9	0.5	0.9	< 0.2	< 10	< 0.2
147719 Orig	4.23	< 5	< 10	315	< 3	< 2	7.51	< 2	20.3	74.8	1310	26.3	79	3.0	1.7	0.9	8.08	10.7	3.2	2.4	0.5	< 10	< 0.2
147719 Dup	4.17	< 5	< 10	304	< 3	< 2	7.51	< 2	20.9	76.1	1280	25.8	74	2.9	1.5	0.9	8.08	10.6	3.6	2.2	0.6	< 10	< 0.2
147732 Orig	7.64	< 5	< 10	3090	< 3	< 2	1.12	< 2	7.1	5.3	210	3.6	12	< 0.3	0.2	2.4	1.57	16.5	0.5	1.0	< 0.2	< 10	< 0.2
147732 Dup	7.69	< 5	< 10	3090	< 3	< 2	1.13	< 2	7.0	5.4	280	3.8	13	< 0.3	0.2	2.4	1.57	14.8	0.5	1.0	< 0.2	10	< 0.2
147741 Orig	7.49	< 5	< 10	301	< 3	< 2	0.49	< 2	12.1	0.7	50	5.6	11	2.0	1.6	0.2	1.00	17.8	1.7	1.5	0.5	< 10	< 0.2
147741 Dup	7.43	< 5	< 10	300	< 3	< 2	0.45	< 2	11.5	0.8	50	5.9	7	2.1	1.3	0.2	0.99	20.1	1.8	1.3	0.5	< 10	< 0.2
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.4	30	0.1	4	< 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	< 2	< 0.8	< 0.2	< 30	< 0.1	3	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.4	15	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6	0.1
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-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-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
PTM-1a Meas									> 10000				23.0										
PTM-1a Cert									474400.00				22.4										
NIST 696 Meas																							
NIST 696 Cert																							
Oreas 74a (Fusion) Meas									> 10000				7.37			15.2							
Oreas 74a (Fusion) Cert									32400.00				7.25			15.14							
OREAS 101a (Fusion) Meas	2.4	828		1.25	971	22		416			133						48.3				6.1		34.6
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	22		403			134						48.8				5.92		36.6
CZN-4 Meas										1830			> 25.0		81	0.30							
CZN-4 Cert										1861.0000			33.07		86.7	0.295							
OREAS 183 (Fusion ICP) Meas									9530														
OREAS 183 (Fusion ICP) Cert									9830.000														
OREAS 922 (Peroxide Fusion) Meas	2.6		32	1.65									0.37			> 30.0							
OREAS 922 (Peroxide Fusion) Cert	2.60		28.8	1.61									0.389			30.51							
CCU-1e Meas				0.73	98					> 5000			> 25.0	113								52	
CCU-1e Cert				0.706	96.0					7030			35.3	104								61.8	
OREAS 680 (Peroxide Fusion) Meas	1.3	18.9	< 15	3.68	1290		7.8	22.7	> 10000	2590	5.2	78.8	5.04	20		20.6	4.2		417		0.6		6.0
OREAS 680 (Peroxide Fusion) Cert	1.29	18.6	14.5	3.71	1240		5.09	20.8	21500	2580	4.99	76.0	5.14	19.7		20.6	4.26		420		0.550		6.73
OREAS 139 (Peroxide Fusion) Meas	3.3	24.6	40	0.50	6540	12				> 5000		141	16.2	62		16.6			494		0.5		7.4
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 624 (Peroxide Fusion) Meas	0.9	17.2	< 15	1.30	658	20	6.9	17.3		> 5000	4.0	32.3	13.0	72		19.9			48				3.9
OREAS 624 (Peroxide Fusion) Cert	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6				4.12
OREAS 124 (Peroxide Fusion) Meas	2.6			0.22												> 30.0							
OREAS 124 (Peroxide Fusion) Cert	2.62			0.224												38.2							
AMIS 0346 (Peroxide Fusion) Meas																							
AMIS 0346 (Peroxide Fusion)																							

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.4	15	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6	0.1
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-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-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
Cert																							
NCS DC73520 Meas													0.44										
NCS DC73520 Cert													0.44										
OREAS 148 (Peroxide Fusion) Meas	1.6		4890	0.46												> 30.0							
OREAS 148 (Peroxide Fusion) Cert	1.5		4760	0.47												36.0							
OREAS 620 (Peroxide Fusion) Meas	2.7		20	0.35									2.46			> 30.0							
OREAS 620 (Peroxide Fusion) Cert	2.7		20.7	0.35									2.49			29.8							
OREAS 999 (Peroxide Fusion) Meas	0.8		> 10000	0.48												> 30.0							
OREAS 999 (Peroxide Fusion) Cert	0.522		26700.00	0.473												30.30							
147687 Orig	2.2	9.5	28	1.70	574	9	7.7	9.4	60	23.4	2.6	68.4	0.09	< 2	< 8	> 30.0	2.0	2.3	263	1.0	0.2	< 6	5.9
147687 Dup	2.2	10.4	27	1.69	577	10	9.0	9.7	60	17.7	2.8	67.9	0.09	< 2	< 8	> 30.0	2.2	2.5	274	1.0	0.3	7	5.8
147717 Orig	0.3	4.4	< 15	0.16	66	4	4.2	2.9	20	25.7	1.0	11.0	0.04	< 2	13	> 30.0	0.6	1.9	547	0.9	< 0.1	< 6	1.7
147717 Dup	0.3	4.8	< 15	0.15	67	6	4.4	2.8	< 10	26.0	0.8	10.7	0.06	< 2	16	> 30.0	0.7	1.3	553	0.9	< 0.1	< 6	1.4
147719 Orig	1.1	8.5	25	10.5	1510	9	5.6	15.5	310	7.6	2.9	43.9	0.02	< 2	33	23.4	3.2	1.5	200	0.5	0.4	< 6	0.5
147719 Dup	1.1	9.1	31	10.5	1490	13	8.0	15.2	300	8.1	3.0	42.9	< 0.01	< 2	< 8	23.4	3.3	2.0	196	2.7	0.4	7	0.5
147732 Orig	2.3	5.5	< 15	0.66	216	27	8.4	3.6	40	26.9	1.0	51.0	< 0.01	< 2	< 8	> 30.0	0.6	3.0	1000	3.2	< 0.1	10	0.9
147732 Dup	2.4	4.8	< 15	0.67	214	30	9.6	3.8	30	27.2	1.0	48.3	< 0.01	< 2	< 8	> 30.0	0.6	1.4	1010	6.8	< 0.1	10	0.9
147741 Orig	2.5	5.2	46	0.06	259	9	9.7	6.9	20	38.4	1.5	113	< 0.01	< 2	< 8	> 30.0	1.6	3.1	179	1.2	0.3	< 6	3.2
147741 Dup	2.4	5.0	46	0.06	266	11	9.9	6.5	10	38.5	1.4	113	< 0.01	< 2	< 8	> 30.0	1.7	3.2	172	2.0	0.4	< 6	3.2
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	4	7	5.5	< 0.4	20	7.0	< 0.1	2.4	< 0.01	< 2	9	< 0.01	< 0.1	1.5	12	1.6	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	6	3.0	< 0.4	< 10	7.6	< 0.1	0.7	< 0.01	< 2	< 8	< 0.01	< 0.1	< 0.5	8	0.4	< 0.1	< 6	< 0.1

Analyte Symbol	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	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
PTM-1a Meas									
PTM-1a Cert									
NIST 696 Meas									
NIST 696 Cert									
Oreas 74a (Fusion) Meas									
Oreas 74a (Fusion) Cert									
OREAS 101a (Fusion) Meas	0.40		2.9	438	83		174	16.9	
OREAS 101a (Fusion) Cert	0.395		2.90	422	83		183	17.5	
CZN-4 Meas									> 10000
CZN-4 Cert									550700.00
OREAS 183 (Fusion ICP) Meas									90
OREAS 183 (Fusion ICP) Cert									82.0000
OREAS 922 (Peroxide Fusion) Meas	0.45								
OREAS 922 (Peroxide Fusion) Cert	0.439								
CCU-1e Meas		2.7							> 10000
CCU-1e Cert		2.69							30200
OREAS 680 (Peroxide Fusion) Meas	0.52			1.6	248		16.5	1.8	2280
OREAS 680 (Peroxide Fusion) Cert	0.523			1.55	224		16.2	1.52	2320
OREAS 139 (Peroxide Fusion) Meas	0.16	39.3		11.7			16.2		> 10000
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00
OREAS 624 (Peroxide Fusion) Meas	0.15	0.9		1.4	36	4.5	16.4	1.8	> 10000
OREAS 624 (Peroxide Fusion) Cert	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100
OREAS 124 (Peroxide Fusion) Meas	0.25								
OREAS 124 (Peroxide Fusion) Cert	0.254								
AMIS 0346 (Peroxide Fusion) Meas	15.2				2980				
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700				

Analyte Symbol	Ti	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Method Code	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
NCS DC73520 Meas									
NCS DC73520 Cert									
OREAS 148 (Peroxide Fusion) Meas	0.34								
OREAS 148 (Peroxide Fusion) Cert	0.35								
OREAS 620 (Peroxide Fusion) Meas	0.15								
OREAS 620 (Peroxide Fusion) Cert	0.16								
OREAS 999 (Peroxide Fusion) Meas	0.04								
OREAS 999 (Peroxide Fusion) Cert	0.034								
147687 Orig	0.35	0.3	0.2	1.4	135	0.9	9.5	1.2	70
147687 Dup	0.35	0.3	0.2	1.6	137	1.0	10.6	0.9	60
147717 Orig	0.03	< 0.1	< 0.1	0.9	9	1.1	3.3	0.4	30
147717 Dup	0.03	< 0.1	< 0.1	0.9	8	0.8	2.7	0.3	30
147719 Orig	0.36	0.2	0.2	0.3	212	< 0.7	14.0	1.3	80
147719 Dup	0.35	0.3	0.2	0.3	205	1.1	14.6	1.1	80
147732 Orig	0.07	0.3	< 0.1	0.6	38	1.5	1.4	0.4	30
147732 Dup	0.07	0.3	< 0.1	0.7	37	1.7	1.6	0.1	40
147741 Orig	0.02	0.7	0.2	3.2	< 5	1.6	16.4	1.4	30
147741 Dup	0.02	0.7	0.2	3.1	< 5	0.9	16.4	1.4	30
Method Blank	< 0.01								
Method Blank	< 0.01	< 0.1	< 0.1	0.2	< 5	0.8	< 0.1	< 0.1	< 30
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	0.8	< 0.1	< 0.1	< 30