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REPORT ON 2019-2021 FIELD WORK

ON THE EGAN PROPERTY,

EGAN, SHERATON, TIMMINS, McEVAY,

BOND and CURRIE TOWNSHIPS,

NTS MAP SHEET 42A/07

LARDER LAKE MINING DIVISION

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LaSalle Exploration Corp.
November 5, 2021

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SUMMARY

On August 6, 2020, LaSalle Exploration Corp. (LaSalle) entered into an option agreement with Shelly Moretti, Charles Peever and Randall Salo, for 167 mineral claims known as the Egan Property (the "Property") located 50km East of Timmins, Ontario. The Egan Property originally consisted of 167 optioned claims. An additional 218 claims were added by staking open ground and another 73 claims were acquired through subsequent purchase agreements by LaSalle. The resulting Property consists of 454 claim cells comprising 11,720 hectares (117.20 km^2) in area. Previous work by the original optionors of the Egan Property discovered the E1 gold showing, which contained visible gold associated with quartz stockwork hosted in syenite rocks of the Bradley Lake Syenite. The highest gold value from a grab sample prior to LaSalle's field work was 57.1 g/t at the main E1 gold showing.

The 2020-2021 work by LaSalle has consisted of mapping and prospecting over most of the current Property. The focus of this work was to evaluate the area around and along strike of the E1, E2 and E3 showings. The bedrock units sampled consisted of pyrite bearing quartz-veins, mafic schist, variably textured mafic volcanic, syenite with quartz stockworks, gabbro, ultramafic and porphyritic rocks. The most significant gold values to date are from the E1 (27.4 g/t), E2 (2.21 g/t) and E3 (44.70 g/t, 26.90 g/t, 19.00 g/t and 15.70 g/t) showings. In addition, Airborne LiDAR (117 km^2) and Magnetics (74.9 km^2) were flown over the Property.

The Egan Property has several key features related to Archean gold deposits. In particular:

1. Structures that intersect at low angles, as around the E1 gold showing.

2. Structures that have changes in the orientation of the strike direction which may have zones of dilation associated, as there is southeast of the E2 gold showing (Area 3).

3. High-grade gold in more than one rock type. The E1 gold showing is hosted in syenite. The E2 and E3 gold showings are hosted in mafic volcanics, tuffs and chlorite schists.

4. Several styles of quartz veins that are related to brittle and ductile deformation in both high strain shear zones and brittle, extensional zones.

5. The gold mineralization on the Property is structurally controlled and exhibits similar geological, structural, and metallogenic characteristics to both quartz-carbonate vein (lode) deposits and felsic intrusive hosted quartz stockwork deposits.

Although the Property is at an early stage of mineral exploration, the prospectivity for significant gold mineralization is very good. More work needs to be completed to determine this.

It is recommended that all the following areas have focussed exploration completed on them:
1) the currently known E1, E2 and E3 gold showings,
2) areas 1, 2 and 3 that have interpreted structural complexity based on review of the LiDAR and aeromagnetic data, and
3) the interpreted extension of the E1 structure.

1.0 INTRODUCTION

The Egan Property (the “Property”) originally consisted of 167 optioned claims. An additional 218 claims were added by staking open ground and another 73 claims were acquired through subsequent purchase agreements by LaSalle Exploration Corp. (LaSalle). Several boundary cells were then merged resulting in the final 454 claims (see Section 2.0). The resulting Property consists of 454 claim cells comprising 11,720 hectares (117.20 km^2) in area. This report covers the field work completed on the Egan Property during the 2019 to 2021 field seasons.

The 2019 field work program was conducted by the original claim holders R. Salo, S. Moretti, and C. Peever (Salo, Moretti and Peever). They conducted a prospecting and rock sampling program proximal to the E2 showing on the Property. A total of forty (40) soil samples and forty-three (43) rock samples were collected.

In the spring of 2020, Salo, Moretti and Peever, completed a trenching and channel sampling program over the E1 gold showing. A total of eighty-two (82) rock and channel samples were collected. In October of 2020, LaSalle completed a mapping and prospecting program in the areas of the E1, E2 and E3 showings. A total of sixty-six (66) rock samples were collected.

During May and June 2021, LaSalle completed a mapping and prospecting program on extensions to the E1, E2 and E3 gold showings and several areas of the Property with no recorded mineral occurrences. A total of one hundred and forty-one (141) rock samples were collected. In addition, Airborne LiDAR (117 km^2) and Magnetics (74.9 km^2) were flown over the Property in May.

The 1983 North American Datum (NAD83) co-ordinate system is used in this report. The Egan Property is within Universal Transverse Mercator (UTM) Zone 17N.

1.1 **List of Abbreviations**

Abbreviation or Symbol	Unit or Term
Alt	altered/alteration
Au	gold
Ag	silver
Bx	breccia
Carb	carbonate
cg	coarse grained
cm	centimetre
Cu	copper
Diss	disseminated
E	east
EM	electromagnetic
Eu	euhedral
Fe	Iron
Fel	felsic
Feld	Feldspar
fg	fine grained
Fract	fracture
g/t	gram per metric ton
hem	hematite
k-alt	potassium altered
kg	kilogram
km	kilometres
km/h	kilometres per hour
LiDAR	Light Detection and Ranging
m	metre
Ma	Million years
Maf	mafic
Mag	magnetic
mg	medium grained
mm	millimetre
Moz	million ounces
N	north
Ox	oxidized/oxide
Pb	lead
Pd	Palladium
Pheno	phenocryst
Por	porphyry
Poss	possible
ppb	parts per billion
Pt	Platinum
Py	pyrite
Sil	silicified
spec-hem	specular hematite
Sulf	sulphide
Sy	syenite
Tr	trace
Twp	township
QA/QC	Quality Assurance/Quality Control
Qv	quartz vein
Unalt	unaltered
Vis	visible
Xlls	crystals
Zn	zinc
°C	degree Celsius

2.0 PROPERTY DESCRIPTION AND LOCATION

The Egan Property is approximately 50 km east of Timmins and 20 km southwest of Matheson, Ontario covering portions of Egan, Sheraton, McEvay, Timmins, Bond, and Currie Townships. (Figure 1). The Property is 11,720 hectares and centered at approximately 525341 E/5359707 N (UTM coordinates, NAD 83, Zone 17) within National Topographic System (NTS) sheet 42A/07. The Property currently consists of 454 mining cell claims (Figure 2). A list of claims can be found in Appendix 1.

Figure 1: Egan Property Location

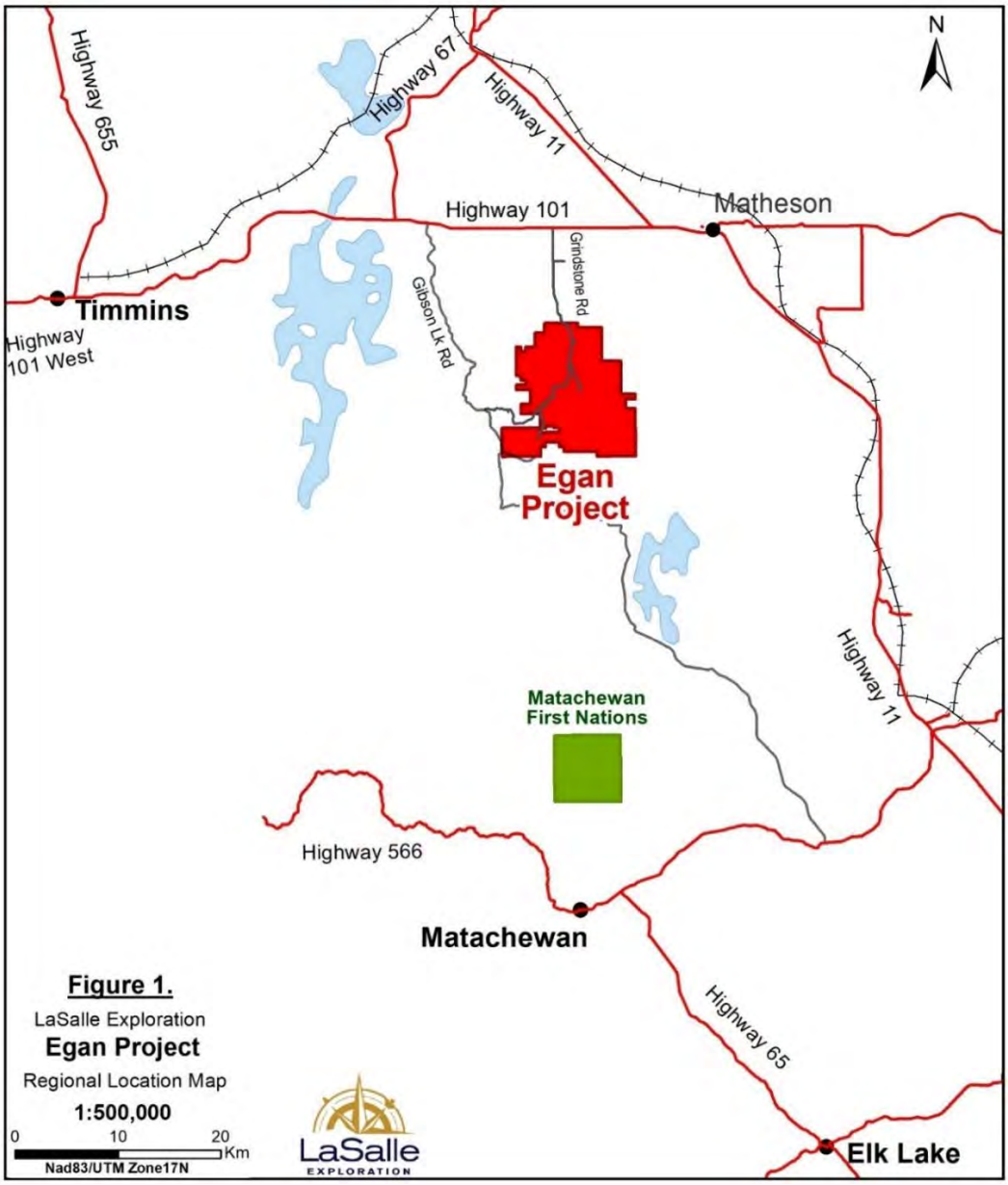
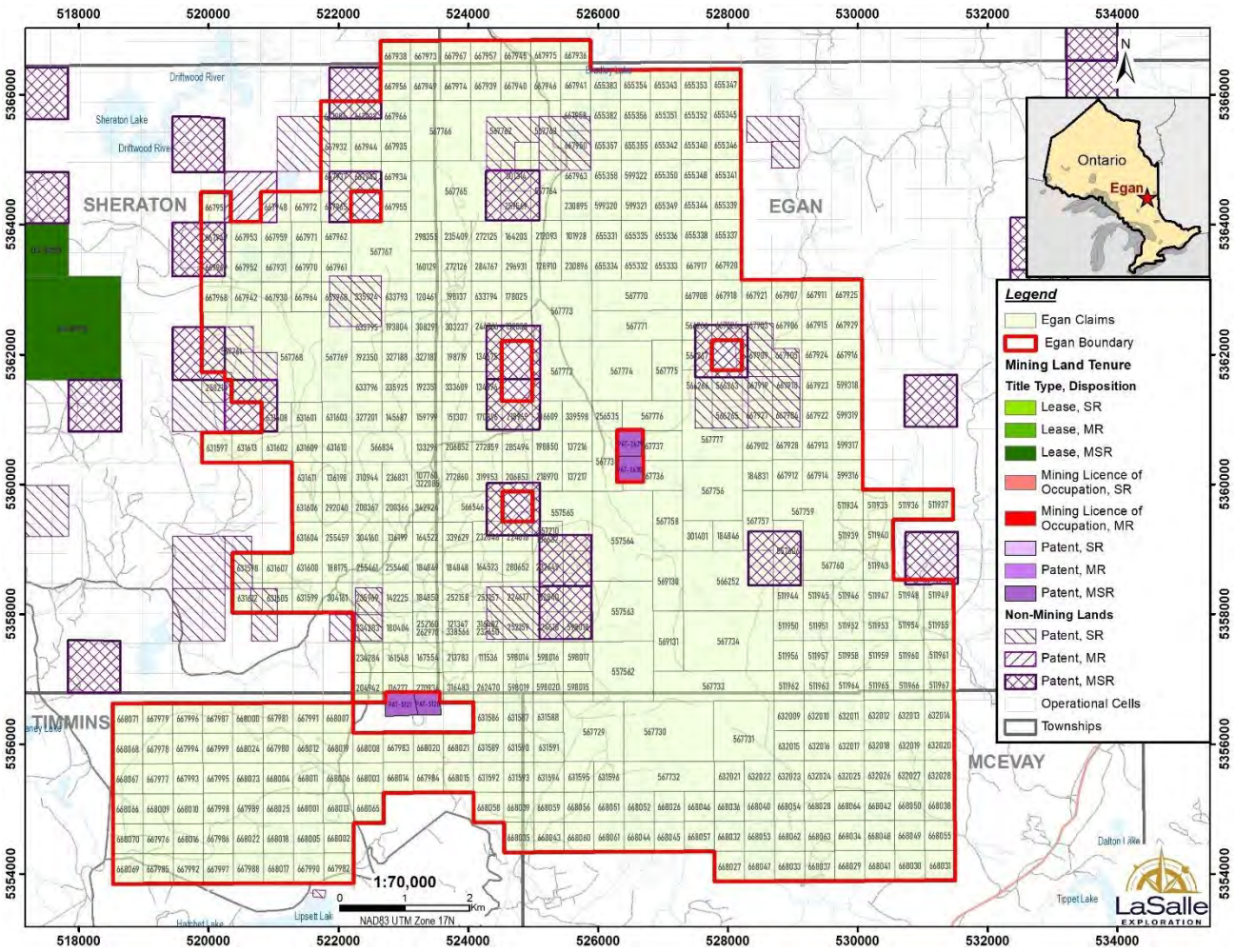


Figure 2: Egan Property Land Tenure



3.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

There is excellent access to the eastern and western portions of the Property via all-season gravel Grindstone and Gibson Lake Roads, respectively, which extend 15 to 20 km south from Provincial Highway 101. The central portion of the Property has become more difficult to access with the removal of bridges over Driftwood Creek and an unnamed creek in May 2021 by a local forestry company.

There are numerous ATV/UTV trails that access all parts of the Property via unmaintained logging roads and overgrown trails. Snowmobiles are used during the winter. Roads and trails will need to be upgraded locally as required.

The nearby towns of Porcupine and Matheson, Ontario can provide local accommodations and services to support exploration activities. Additionally, the nearby city of Timmins is a well-established mining center and represents a great source of skilled labor both in exploration and mining activities while also providing access to the necessary equipment to carry out such activities.

The climate of the project area is continental in nature, with cold dry winters (-10 to -35°C) and warm dry summers (+10 to +35°C) with an annual precipitation of ~900mm. Seasonal variations can affect exploration activities, for example, geological mapping, prospecting and most surface geochemical sampling methods cannot be done in the winter, while line cutting, ground geophysical surveys and diamond drilling can access more of the Property in the winter. However, the climate does not significantly hamper exploration activities.

The Project has a gently rolling topography with maximum relief of approximately 30 m. Elevation is typically on the order of 330 m Above Sea Level. In general, the Project is dominated by forest. A portion of the Project has been logged in the past, so some of the present forest is second growth, a mixture of jack pine, spruce, birch, and poplar trees. Portions of the Project have been subjected to clear-cut logging within the past ten years. Much of the Project is covered by significant (>2 m) overburden, and outcrop density is low.

4.0 PERMITTING

The Ontario Mining Act regulations require exploration plans and permits, with graduated requirements for early exploration activities of low to moderate impact undertaken on mining claims, mining leases and licences of occupation. Exploration plans and permits are not required on patented mining claims.

The work covered in this report was conducted over various permits on the Egan Property. Permit PR-18-11270 was issued on 04 April 2018 and was for Mechanized Drilling (Assembled Weight >150kg), Mechanized Stripping (>100m^2 in 200 metre radius), Pitting and Trenching of Bedrock (>3m^3 in 200 metre radius). The 2019 and 2020 Field work was completed under this permit. This permit expired 04 April 2021.

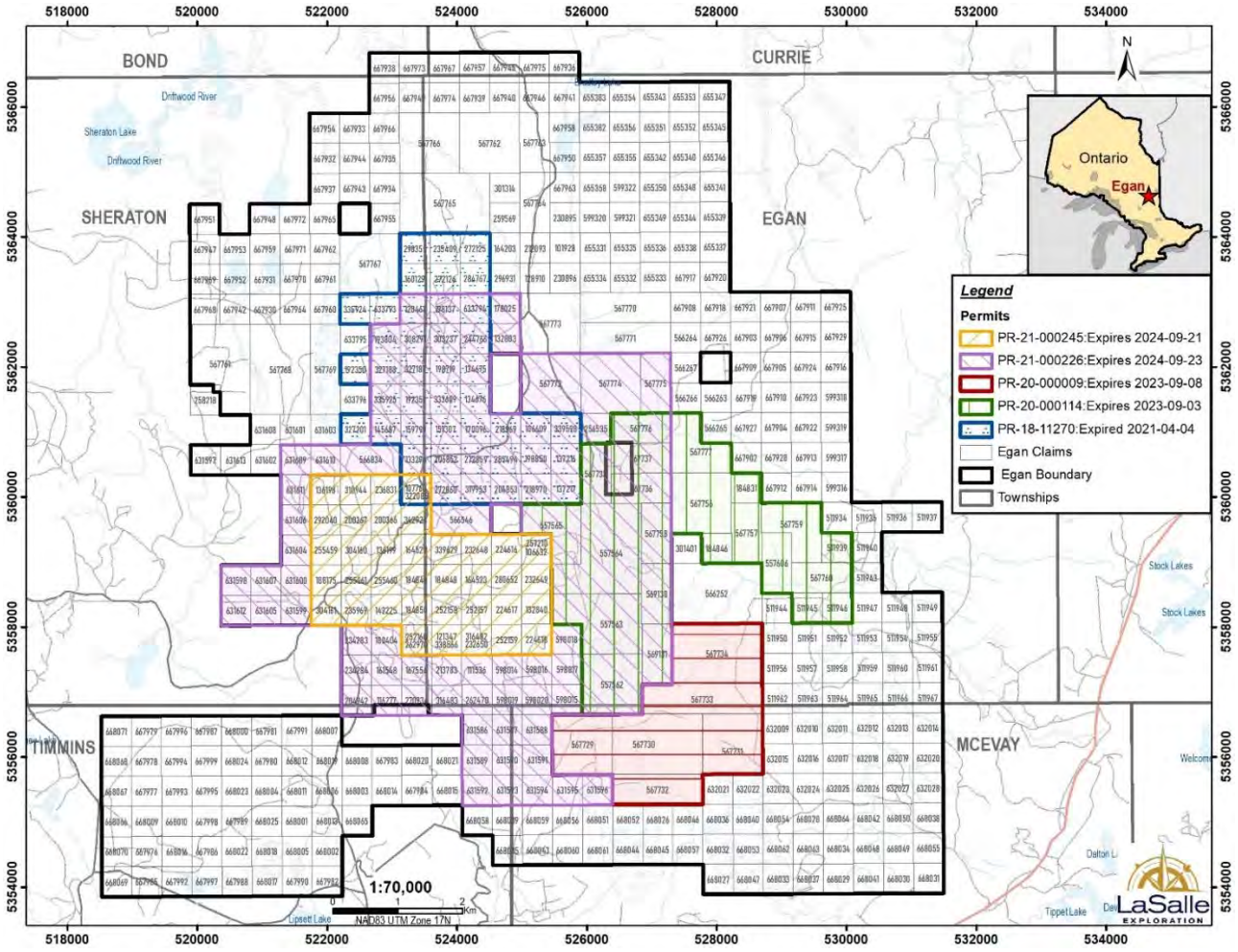
Permit PR-20-000114 allows for Mechanized Drilling (Assembled Weight <= 150kg), Mechanized Stripping (>100m^2 in 200 metre radius), Pitting and Trenching of Bedrock (>3m^3 in 200 metre radius), Trails (TS). This permit is good through 3 Sept 2023.

Permit PR-20-000009 was acquired when LaSalle optioned the Beyer Property. It allows for Mechanized Drilling (Assembled Weight <= 150kg), pitting and trenching of Bedrock (>3m^3 in 200 metre radius), and for an Exploration Camp that will accommodate 5 people. This permit is good through 8 September 2023.

The most recent permits are PR-21-000226 and PR-21-000245. PR-21-000226 allows work such as Geophysical Surveys Requiring Generator Type, Line Cutting (<1.5m width), Mechanized Drilling (Assembled Weight >150kg), Mechanized Stripping (>100m^2 in 200 metre radius) and the creation of trails (TS). PR-21-000245 was approved on 21 September 2021 and allows for Geophysical Survey Requiring use of a generator, Line Cutting (<1.5m width), Mechanized Drilling (Assembled Weight >150kg) and trails. This permit is good for three years.

LaSalle's proposed work program will consist of the moderate impact activities of line cutting, ground geophysical surveys (i.e., Magnetics and IP), diamond drilling, and trenching to test several known areas of gold mineralization. The current and previous permits are outlined in Figure 3.

Figure 3: Egan Property Permits



5.0 ENVIRONMENTAL CONSIDERATIONS

Based on the work to date the authors have not found any indication of obvious outstanding or pending adverse environmental issues attached to the Property. No mining or other potentially disruptive work has been carried out on the Property, beyond that described in this report. Therefore, environmental liabilities related to the Property, if any, are negligible.

6.0 GEOLOGICAL SETTING AND MINERALIZATION

6.1 Geological Setting

The Property lies within the Abitibi Greenstone Belt (Figure 4; modified from Ayer et al., 2013) hosted in Archean volcanic and plutonic rocks cut by Proterozoic diabase dykes (Vaillancourt, 2001). Situated between the Cadillac-Larder Lake structural break to the southeast and the Destor-Porcupine structural break to the north-northwest, lithological assemblages of this part of the Abitibi have been well described by Jackson and Fyon (1991), Ayer et. al. (1999a, 1999b), and Vaillancourt (2001).

The dominant units on the Property comprise mafic to intermediate tholeiitc metavolcanic rocks of the Lower Blake River assemblage (previously the Kinojevis assemblage, Ayer et al. 2002) as well as the Bradley Lake Syenite. These units are cut by Proterozoic, north-south striking Matachewan and east-northeast Keweenawan diabase dykes.

6.1.1 Lower Blake River Assemblage

The Lower Blake River assemblage comprises mafic flows, minor rhyolite with sparse interflow metasedimentary rocks (Jackson and Fyon, 1991) and includes localized interbedded iron formations, tuffs, and clastic metasedimentary units (Thompson and Griffis, 1944; Goodwin, 1979; Vaillancourt, 2001). The mafic volcanic units are variably textured, high iron and magnesium tholeiites. Textures can range from variolitic to locally feldspar-phyric (Jensen and Langford, 1985; Fowler et al., 1987; Vaillancourt, 2001). Thin felsic flows near the upper levels of the assemblage have been dated at 2701±3 Ma (Corfu, 1993; Vaillancourt, 2001) and 2701±1 Ma (Berger and Amelin, 1999).

6.1.2 Bradley Lake Pluton

The Bradley Lake Pluton (Syenite) is well exposed in Egan township with parts extending onto the eastern portion of Sheraton Township. Two phases of syenite have been observed and described by Vaillancourt (2001). Additionally, Pyke (1976) outlined a granodioritic phase within the south-eastern portion of the pluton.

The oldest phase has been described as a coarse-grained white unit having a subhedral granular texture with pink hematite stains along fractures. Mafic fractions include diopside, titanite, and magnetite comprising roughly 10% of the rock. Trace nepheline has also been observed (Vaillancourt, 2001). A second phase (based on cross cutting relationships) is pink having a small grain size and a porphyritic texture defined by phenocrysts of K-feldspar and well zoned plagioclase. The mafic component consists chiefly of diopside and is far less abundant than in the older phase. Minor to trace amounts of epidote, titanite, magnetite, and andradite have been observed (Vaillancourt, 2001).

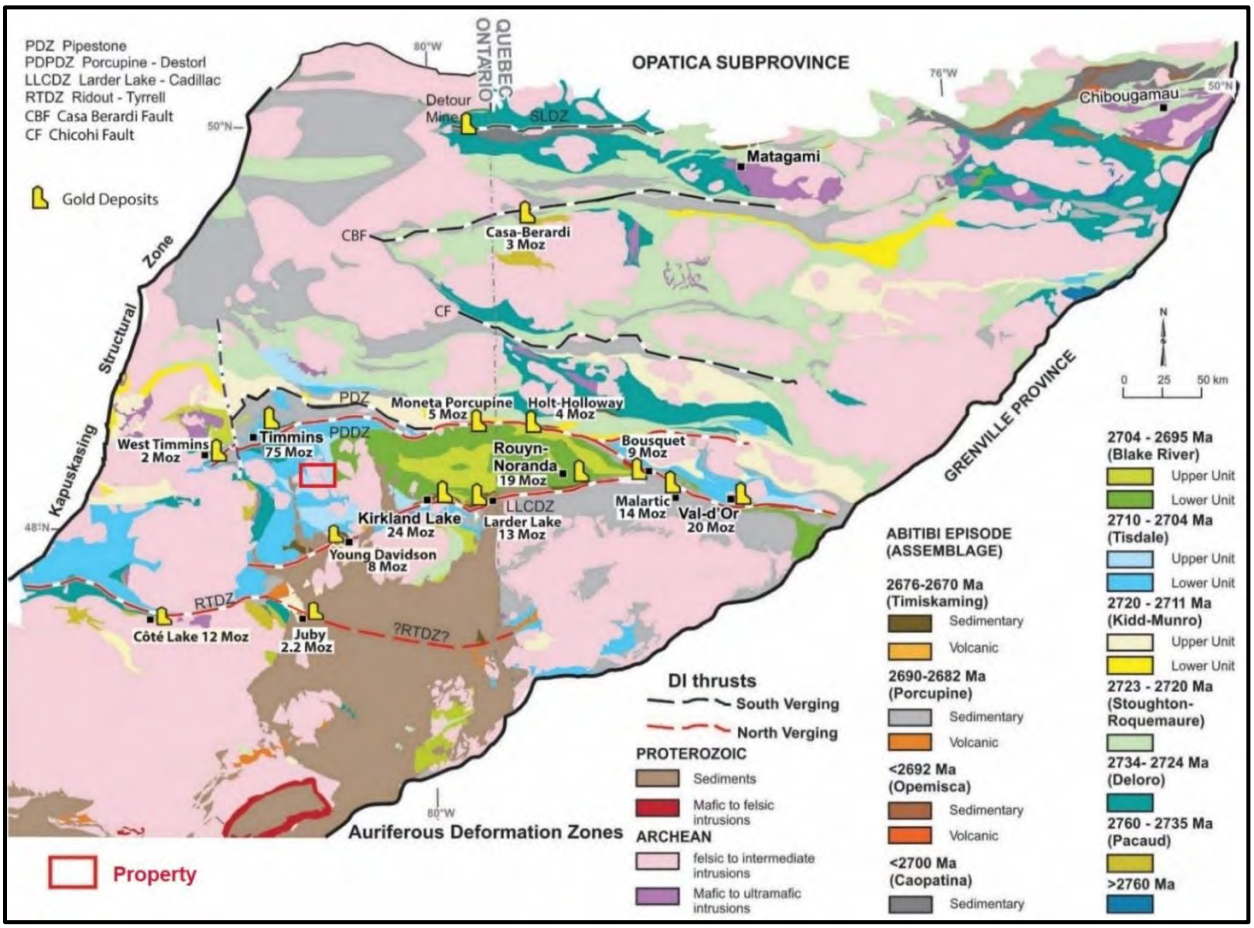
6.2 Mineralization

6.2.1 Adjacent Properties Mineralization

The most prominent mineralization in the adjacent townships is base metal (zinc, copper, and lead) hosted in the calc-alkaline rocks of the Tisdale assemblage. PGE showings are hosted in a mafic to ultramafic intrusion in Nordica Twp. The most significant zones are:

- Cross-Lake Zn, Cu, Pb, Au, Ag Zone
- Dougherty Lake Zn and Cu Zone, and
- Nordica Intrusion PGE's

Figure 4: Geological Map of Abitibi Greenstone Belt showing gold deposits



The Cross-Lake Zone is located in western portion of Sheraton Twp. and was discovered from the drilling of airborne electromagnetics ("AEM") anomalies. The sphalerite, chalcopyrite, silver, and galena mineralization are hosted in felsic to intermediate tuffs and lapilii tuffs in strongly sericitized and silicified zones (Vaillancourt, 2001). The best assay values range from 1 to 6% Zn, 1-3% Cu, multi-ounces of Ag over zones that over widths of 1 to 10 metres in drill core.

The Dougherty Lake Zone is in Timmins Twp. and was discovered from the drilling of airborne electromagnetics ("AEM") anomalies. The sphalerite and chalcopyrite mineralization are hosted in felsic to intermediate flows and tuffs associated with strongly sheared, sericitized and silicified zones (Vaillancourt, 2001). The best assays values range from up to 1.4% Zn and 0.4% Cu over widths of up to 1 metre in drill core.

Anomalous values have been obtained from the mafic-ultramafic layered Nordica intrusion in Nordica Twp. (Vaillancourt, 2001). Pd and Pt values up to 990 ppb and 210 ppb have been reported.

6.2.2 Egan Property Mineralization

The Egan Property currently contains only gold mineralization, which occurs in three areas, that are referred to as E1, E2, and E3. These will be discussed in more detail in Sections 8.0, 9.0 and 10.0.

The E1 style mineralization consists of stockwork and flat quartz-carbonate veins in a 40 metre long, northeast trending, northwest dipping shear zone hosted in the Bradley Lake Syenite. The zone widens from 1 metre to about 10 metres before it is covered by thick overburden.

The E2 style mineralization consists of laminated quartz (+/- carbonate) veins in a 100 metre long, east to southeast trending and steeply dipping northeast dipping shear zone hosted in the mafic to intermediate volcanic flows, lapilli tuffs and tuffs of the Lower Blake River assemblage.

The E3 style mineralization consists of laminated quartz (+/- carbonate) veins in a 100 metre long, east to east-southeast trending and steeply dipping north dipping shear zones hosted in the mafic to intermediate volcanics of the Lower Blake River assemblage that are locally crosscut by felsic porphyries, which are likely related to the Bradley Lake Syenite.

7.0 PREVIOUS WORK

Documented historical work on the Property is limited and summarized below:

- In 1916 work by Lightning River Gold Mines Limited (Ferguson, et.al., 1971) reported low grade gold values in mafic volcanics intruded by porphyry dykes and a zone of quartz stringers with pyrite that was about 100 feet wide. This is the current E2 gold showing.

- 1947 Butler completed four (4) diamond drill holes totaling 354 feet on Legacy claim 34452 located in the SE corner of Sheraton Twp and NE corner of Timmins Twp. Sulphide mineralization was noted; however, no assays were reported (Afri file 42A07SE0017).

- In 1965 Kam-Kotia Mines Ltd conducted an EM/Mag survey in Sheraton Twp, on the West side of the Property (Afri file 42A07NE0237).

- In 1967 R. Jarvi completed a geochemical and two (2) diamond drill hole program totaling 1006 ft on the east side of Sheraton Twp. No significant results were noted in the assays (Afri files 42A07NE8881 and 42A07NE8890).

- In 1967 and EM/MAG survey was conducted by A.L. Parres, Northland Trust Co. Ltd. On the Jarvi Option in Sheraton Twp.

- M. Morin (1976) completed geological mapping and a ground EM/Mag survey on 6 claims known as the Blanchette/Porcupine Property on SE corner of Sheraton Twp and NE Corner of Timmins Twp.

- In 1981 Johns-Manville Canada Inc performed a ground geophysical EM/Mag survey on the Blanchette Claims in Egan and Timmins Twp (Afri file 42A07NE0227).

- In 1983, the Ontario Paper Co Ltd, Shogrin Min Inc conducted a geochemical, geological, ground Mag, Prospecting and VLF survey on three separate claims across the Property (Afri file 42A10SE8887).

- In 1983, the Ontario Geological Survey carried out a combined airborne magnetic and EM survey in the Black River-Matheson area which included Egan Township. This survey consisted of 200 metre spaced, north south flight lines.

- In 1987, Placer Dome Ltd. completed ground magnetic and VLF surveys over a group of 14 claims in west central Egan Township which included parts of the present Property located in lot 9. The surveys were carried out along north-south lines spaced at 100 meters and picketed at 25 meters (Afri file 42A07NE0223.).

- In late 1997, HLEM and magnetic surveys were carried out over Egan Township Property for Absolut Resources Limited. The magnetic survey defined several north-south striking diabase dykes and a volcanic-intrusive contact (Afri file 42A07NE2008).

- In 1992 and 1994, D. Demarchi conducted a series of surveys including geology, Prospecting, Stripping, Assaying, line cutting and ground Magnetic/Magnetometer

surveys over claims in the southeast portion of the Property. The best results were from the 3 grab samples, which ranged from 0.75 to 16.32 g/t gold, and the 23 chip samples in bedrock trenches which returned gold assays that ranged from 0.68 to 22.90 g/t (Afri files 42A07NE0204 and 42A07SE0003).

- In 2000, a series of Total field Airborne Surveys were conducted over the Kirkland Lake and Matheson Area by the OGS which covers the entire Property.

- In the summer and fall of 2017 a prospecting program was initiated over select areas of the Property by Shelly Moretti, Charles Peever, and Randall Salo. A total of 32 samples were collected and work was filed for assessment (Moretti, S., 2019). This work led to the discovery of the E1 showing with the highest gold value returned at 57.1 g/t (Au).

- In the summer of 2018, Prosper Gold Corp. carried out a diamond drill program on Legacy claim ID 4287167, around the main showing UTM Zone 17 N 523750E 5362060N. Five shallow holes were drilled (Prosper Gold Corp., 2018) in the immediate area of the E1 showing. Drill holes E-001, 002 and 003 intersected narrow, high- grade intervals of quartz veins in hematite altered syenite. The results ranged from 1.42 to 16.60 g/t gold over drill core intervals of 0.15 to 1.0 metre. The narrowest intersection was 16.60 g/t over 0.15 metres with the widest intersection being 4.23 g/t over 1.0 metres. The recommendations for follow-up work consisted of grassroots prospecting, geological mapping, and stripping to refine the bedrock geology in the region and locate nearby control structures (Afri file 20000017248).

8.0 2019 FIELD WORK

Following the success of previous work, continued prospecting of the Property was undertaken in 2019. The claim holders R. Salo, S. Moretti, and C. Peever conducted a prospecting and rock sampling program proximal to several historic trenches from the E2 showing, which was discovered in 1916 by Lightening River Gold Mines Ltd (See section 7.0). Additionally, a soil sampling program was designed to potentially delineate additional anomalous gold east of the E1 showing.

8.1 Surface sampling

Forty-three (43) rock samples were collected from select areas around the E2 showing on the Property (Figure 5) between August 18 and September 21, 2019. Samples were submitted to Actlabs in Timmins, Ontario and were analyzed for gold by fire assay. Samples exceeding the upper limit were re-assayed by a fire assay gravimetric method. Sampling comprised historic trench material ranging from variably altered and deformed mafic volcanic rocks cut by quartz veins to quartz-vein hosting syenite. Quartz veins, including localized shear hosted quartz-breccia veins dominantly strike 305º and range in width from <1cm to >2m (Salo, 2019). Additionally, conjugate quartz vein sets striking 340º and 60º are associated with shearing. Alteration presents as ankerite, hematite, and chlorite along vein selvages. Strong silicification and secondary pyrite precipitation is not uncommon as vein halos (Salo, 2019). Sulphide minerals consist of pyrite +/ chalcopyrite up to 5%. The highest gold assays include 19.3, 16.6, and 15.3 g/t Au. Significant gold assays include 6.54, 5.78, and 3.74 g/t Au. Additionally, ten (10) samples returned vales >1 g/t Au. Complete sample description and locations are noted in Appendix 3.

8.2 Soil Sampling

Forty (40) B-horizon soil samples were taken east of the E1 showing between June 28 and July 1, 2019 (Figure 6). Samples were submitted to Actlabs in Timmins, Ontario, and were analyzed for gold by fire assay. Anomalous values include 18, 14, and 10 ppb Au with eight (8) samples between 5-9 ppb Au. Twenty-nine (29) samples were below the detection limit. Sample locations and descriptions are found in Appendix 2. The relevant assay certificate is in Appendix 4.

Figure 5: Location of 2019-2021 Rock Samples

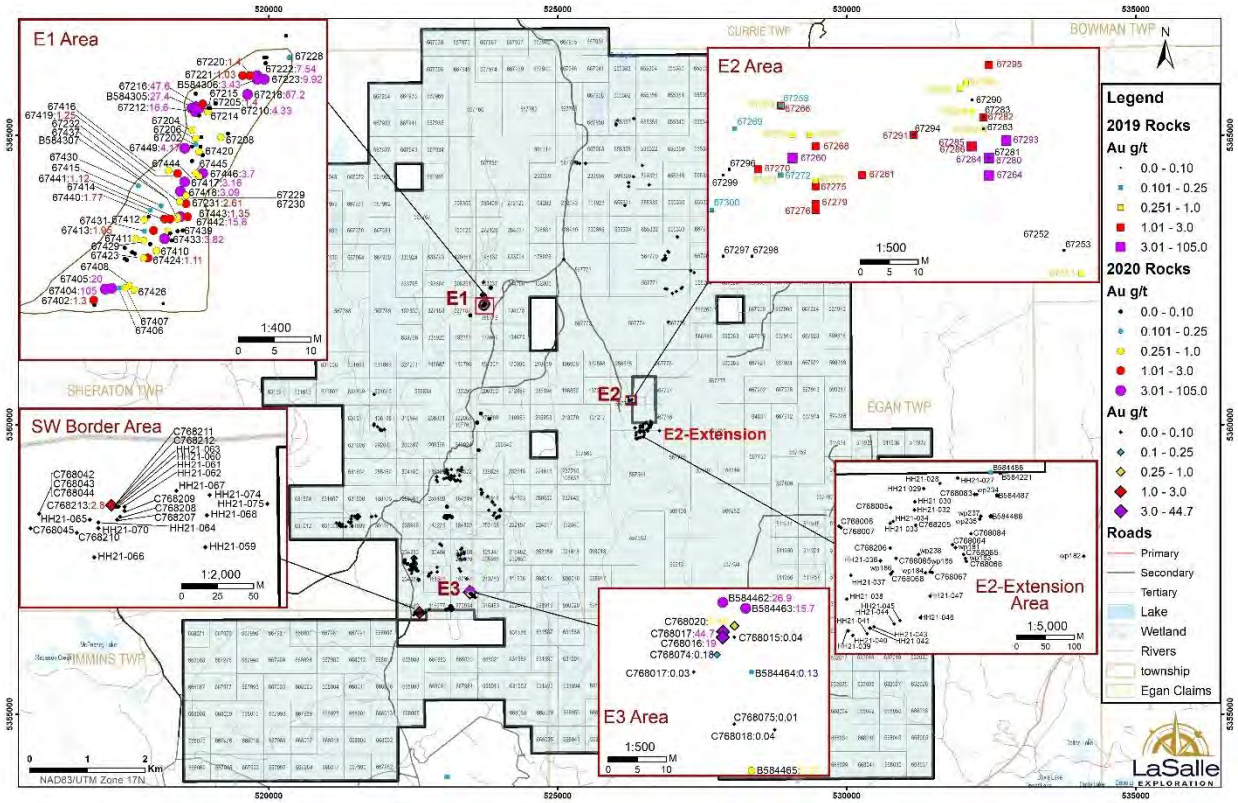
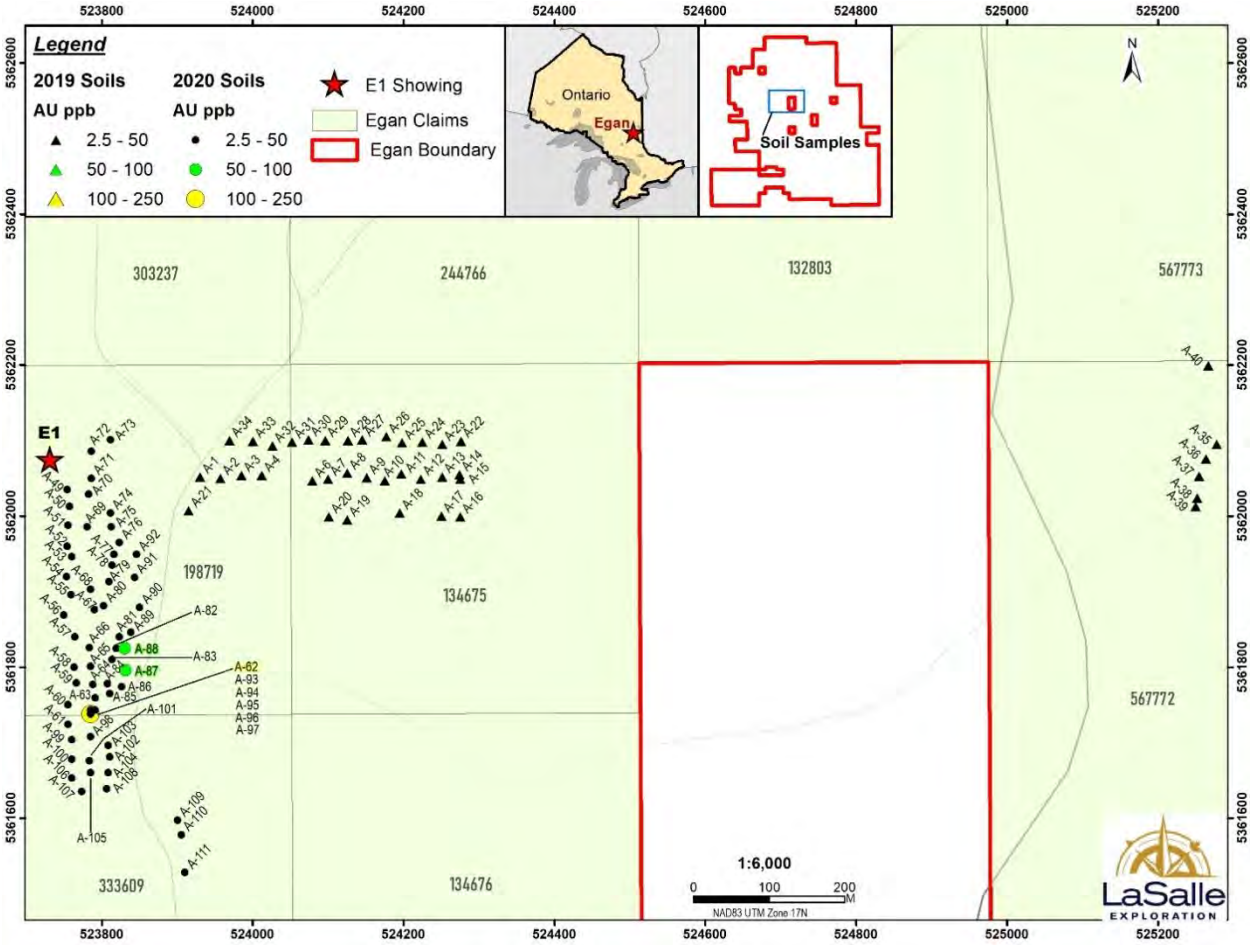


Figure 6: Location of 2019-2020 Soil Samples



9.0 2020 FIELD WORK

Initial 2020 field work on the Property was performed by previous owners (Moretti, Peever, and Salo) between April 27 to June 14, 2020. This work included a stripping and trench sampling program and a soil sampling program at E1. Further field work was conducted by GeoVector Management Inc. from October 5 to October 27, 2020. This work included prospecting, geological mapping and geochemical sampling completed at the E1 and E2 showing areas as well as other select areas of interest. This work resulted in the outlining of the E3 showing.

9.1 Stripping and Trench Sampling

A CAT 322 L Excavator was mobilized onto the E1 showing on the Property to complete the Stripping/trenching program between April 20 and July 10, 2020. This work exposed syenite hosting quartz veins over an area 25 metres wide and 40 meters long. The exposed bedrock was cleared with water using a wajax pump. Eighty-two (82) samples (Figure 5 and 7) were taken and sent to ALS Laboratories (Appendix 3). The most significant assays are noted in Table 9.1.

Figure 7: Trench Samples

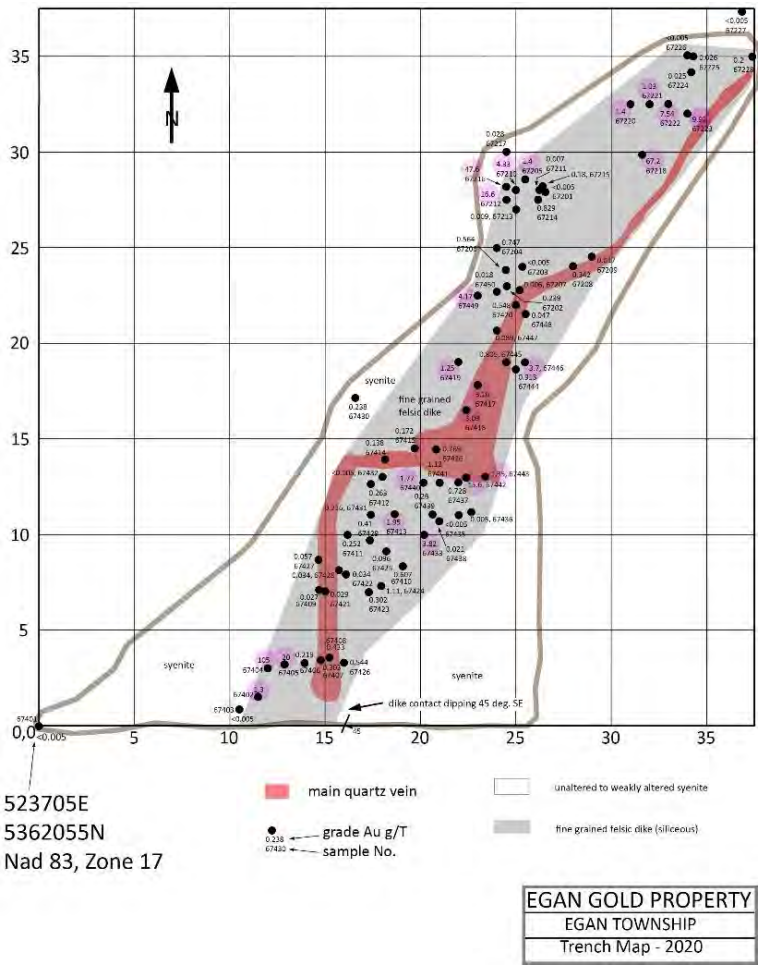


Table 9.1: Significant Gold Results, E1 Trench Samples

Sample Number	Local Easting	Local Northing	UTM Easting	UTM Northing	Description	Au (g/mt)
67216	24.5	28.2	523729.50	5362083.20	Mod hem alt sy, 2cm qv, mg py, mod mag, 4% diss py, poss cpx subhedral grains within qv	47.60
67218	31.7	29.9	523736.70	5362084.90	Fg fel dyke, mod per hem alt, cg str oxidized py within 0.5cm qv, non mag	67.20
67404	12	3	523717.00	5362058.00	Alt sy, cg, coarse gr py, rusty, str mag	105.00
67405	12.9	3.1	523717.90	5362058.10	Qv, rusty, 2% fg py, white qz, non mag	20.00

9.2 Surface sampling

Sixty-six (66) samples of outcrop were collected during the mapping and prospecting on the Property between October 5 to October 27, 2020 (Figure 5). The focus of this work was to evaluate the area around and along strike of the E1, E2. Additionally, fieldwork resulted in the outlining of the E3 showing. The bedrock units sampled consisted of pyrite bearing quartz-veins, mafic schist, variably textured mafic volcanic, syenite with quartz stockworks, gabbro, ultramafic and porphyritic rocks. Samples were analyzed for gold by fire assay as well as by ICP for thirty-three (33) additional elements. Significant gold values (Table 9.2) were from the E1 (27.4 g/t) and E2 (2.21 g/t) and E3 (26.9 g/t and 15.70 g/t) showings. A listing of all the rock sample descriptions and results are in Appendix 3.

Table 9.2: Significant Gold Values from E1, E2, and E3 Showings

E1 Showing - Table of samples > 0.1 g/t

Sample No	Easting Nad83	Northing Nad83	Au g/t	Year
B584305	523729	5362083	27.40	2020
B584306	523738	5362087	3.43	2020
B584307	523727	5362068	0.70	2020

E2 Showing - Table of samples > 0.1 g/t

Sample No	Easting Nad83	Northing Nad83	Au g/t	Year
B584301	526301	5360413	0.11	2020
B584302	526301	5360413	2.21	2020
B584303	526301	5360413	0.12	2020
B584304	526301	5360413	0.12	2020
B584451	526295	5360429	1.33	2020
B584452	526247	5360479	0.00	2020

E3 Showing - Table of samples > 0.1 g/t

Sample No	Easting Nad83	Northing Nad83	Au g/t	Year
B584462	523483	5357115	26.90	2020
B584463	523487	5357114	15.70	2020
B584464	523488	5357103	0.13	2020
B584465	523488	5357086	0.31	2020
C768017	523483	5357110	44.70	2021
C768016	523483	5357109	19.00	2021
C768020	523485	5357111	0.45	2021
C768074	523482	5357106	0.18	2021

9.3 Soil Sampling

Sixty-three (63) B-horizon soil samples were taken over the E1 showing area between May 22 to June 14, 2020 (Figure 6). Samples were submitted to Actlabs in Timmins, Ontario for gold by fire assay. Anomalous values include 18, 14, and 10 ppb Au with eight (8) samples between 5-9 ppb Au. Twenty-nine (29) samples were below the detection limit. Sample locations and descriptions are found in Appendix 2. The assay certificate is in Appendix 4.

9.4 Geology and Mineralization

The 2020 work outlined the following from the mapping, prospecting, and review of drill core.

E1 Showing:

The E1 style mineralization consists of stockwork and flat quartz-carbonate veins in a 40 metre long, northeast trending, northwest dipping shear zone hosted in the Bradley Lake Syenite. The zone widens from 1 metre to about 10 metres before it is covered by thick overburden. The stockwork quartz veins are locally tension gash veins with an attitude of 305/40 and the main flat vein has an attitude of 215/30. All structural measurements were recorded using the right-hand rule. The stockwork mineralization consists of 1-3%, <1-5cm thick white quartz veins with 1-2% disseminated, cubic pyrite and 1-2%, disseminated, specular hematite. Visible gold was observed in the stockwork type quartz veins. The flat vein mineralization consists of 3-5%, 1-10cm thick white quartz veins with 1-2% disseminated, cubic pyrite, 1-2%, disseminated, specular hematite and up to 5% carbonate (i.e., ankerite). The pyrite locally has a “silvery” look to the colour. The syenite host rock is strongly altered to a brick red colour in the selvages to all the quartz veins by K-spar +/- hematite.

Holes drilled by Prosper are stored on the property of R. Salo and S. Moretti in South Porcupine. These holes were reviewed. The best intersections in holes E002 (11.90 g/t over 0.20 m) and E003 (16.60 g/t over 0.15 m) are similar to the stockwork veins observed in the E1 trench. The intersection in E001 of 4.23 g/t over 1 m was K-feldspar dominant dyke with selvages that contained 10-15% disseminated pyrite. There are two styles of pyrite:

1) Fine to medium grained cubic pyrite, and

2) Fine grained blebs of pyrite.

The mineralization in E001 was not observed by the authors in the surface trench and may represent alteration associated with a parallel zone northwest of the main trench, or with the main trench itself.

E2 Showing:

E2 style mineralization consists of laminated quartz (+/- carbonate) veins in a 100 metre long, east to southeast trending and steeply dipping northeast dipping shear zone hosted in the mafic to intermediate volcanic flows, tuffs and lapilli tuffs of the Lower Blake River assemblage. The laminated quartz veins are 2-15 cm wide and are both parallel and at a low angle to the main S2 foliation (120 / 90). There are local narrow (<2cm) sigmoid veins 180 / 75 to 90) that crosscut local narrow(<50cm) feldspar porphyry dykes in the E2 area. These sigmoid veins returned an assay value of 2.21 g/t from a 2-metre composite sample from several of these veins.

E3 Showing:

The E3 style mineralization consists of laminated quartz (+/- carbonate) veins in a 100 metre long, east to east-southeast trending and steeply dipping north dipping shear zones hosted in the mafic to intermediate volcanics of the Lower Blake River assemblage. Locally felsic porphyries, which are likely related to the Bradley Lake Syenite, crosscut these shear zones are various angles. The core of these shear zones is chlorite schist with up to 15%, fine grained disseminated pyrite on the selvages of the quartz veins. The most significant assays were 15.70 g/t and 26.90 g/t gold (Table 9.1).

10.0 2021 FIELD WORK

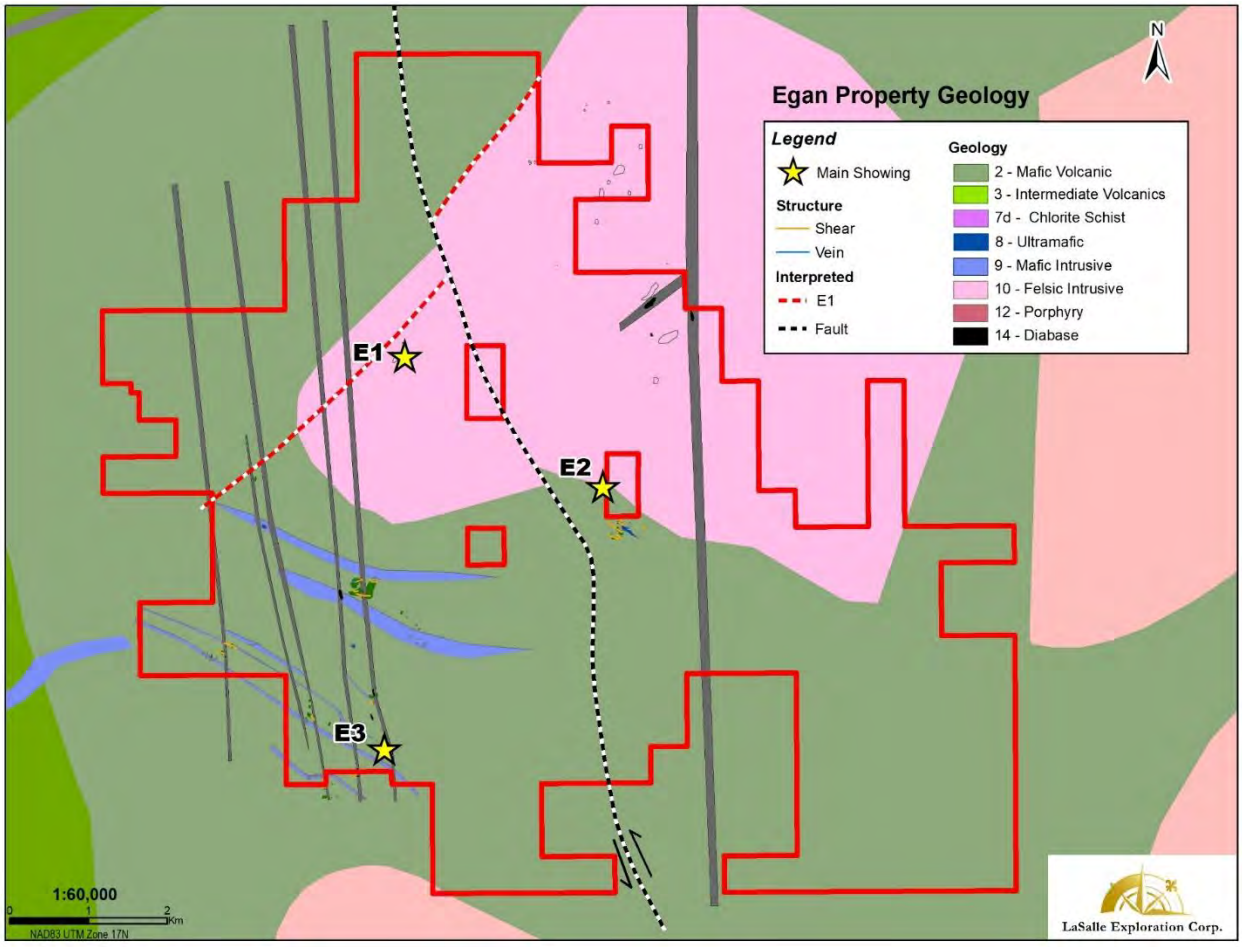
Work on the Property was conducted between May and June 2021. LaSalle completed a prospecting, geologic mapping, and geochemical sampling program over 22 days from May 11 to June 10, 2021, based out of local cabins near the Property. A 222 line-km (117 km^2) aerial LiDAR (Light Detection and Ranging) survey was completed by LiDAR Services International Inc. (LSI), of Calgary, Alberta, from May 11 to 12, 2021. Precision GeoSurveys, of Langley, British Columbia, conducted 827-line kilometers (74.9 km^2) of high-resolution helicopter-borne magnetic gradiometer survey from May 15 to 16, 2021. Both airborne surveys were based out of the Cochrane airport.

10.1 Geological Survey

A total of twenty (20) days were spent on the Egan Property. A four-to-six-person field crew conducted prospecting and geological mapping (Figure 8). The periods on site were from May 11 to 19 and May 29 to June 10. Fieldwork was focused on and around the main showings of E1 (Figure 9), E2 (Figure 10) and E3 (Figure 11), and in areas close to drivable logging roads. Where possible, contacts on the OGS map (Vaillancourt, 2001) between mafic volcanics, ultramafic – mafic intrusives, and felsic intrusives, were targeted for prospecting and mapping. Overall, there appears to be <5 % outcrop exposure on the Property. However, the southeast and northwest corners of the Property appear to be completely covered by swamp and thick glacial cover, based on field traverses and the LiDAR bare earth imagery and orthophotos.

A total of one-hundred-and-forty-one (141) rock samples were sent to ALS for gold and multi-element analysis (Figure 5). Of these samples, five (5) returned assays of greater than 1 g/t gold, and ten (10) samples returned assays between 0.1 and 1 g/t gold.

Figure 8: Egan Property Geology



Mapping Results

In addition to quartz veins, a total of seven (7) rock types were documented on the Property, including, in order of greatest abundance:

1. **Mafic volcanic rocks**: dominantly fine-grained, locally medium to course-grained, dark green-grey weathering, variably magnetic, variably deformed massive flows with localized pillow and amygdaloidal textures. Localized coarse-grained equivalents of this unit were documented in close proximity to diabase dykes, suggesting a localized contact metamorphic coarsening of the unit by the diabase. This unit is often strongly sheared and chlorite altered in close proximity to the felsic intrusive complex in the north part of the Property, and felsic dykes south of the intrusive complex**.**

2. **Felsic intrusive rocks of the Bradley Lake Syenite**: this felsic intrusive complex is inferred from mapping and geophysics in the northern part of the Property. Rafts of mafic volcanic and gabbroic rock, inferred country rock to the intrusion, are mapped along the northwest margin of the intrusion. The intrusive complex is comprised of varying granitic phases including monzogranite, syenogranite – syenite, and locally granodiorite – tonalite. The unit is dominantly medium-coarse grained, but also contains localized, late

pegmatitic phases that crosscut all other phases. In areas with discrete shearing and/or brittle fracturing and quartz vein development, the matrix becomes moderate – strongly hematite altered, giving it a brick red colour. The most significant of these areas to date is the E1 showing. In moderate to strongly fractured equivalents, the pervasive hematite alteration is localized to within a few centimeters of the fracture itself. Localized epidote alteration along fractures and vein margins was also documented in the felsic intrusive suite.

3. **Mafic intrusive rocks**: scattered outcrop of dominantly gabbro that is massive to weakly foliated, dominantly equigranular and medium-grained. This unit occurs dominantly in the southwest portion of the Property. Previous mapping by the OGS had a mafic-ultramafic intrusive unit occurring as thick, discrete, generally east – west-trending, tabular bodies in this area. However, with the presence of mafic volcanic rocks mapped between the scattered outcrops of gabbro, this unit is now interpreted to occur as a series of 40 to 200 m-thick, generally 300° trending, discrete linear bodies within the mafic volcanics. This interpretation is based on the measured orientation of intrusive contacts, shear zones and the newly acquired aeromagnetic data. Another interpretation would be a much thicker gabbroic intrusion with rafts of mafic volcanic country rock within it.

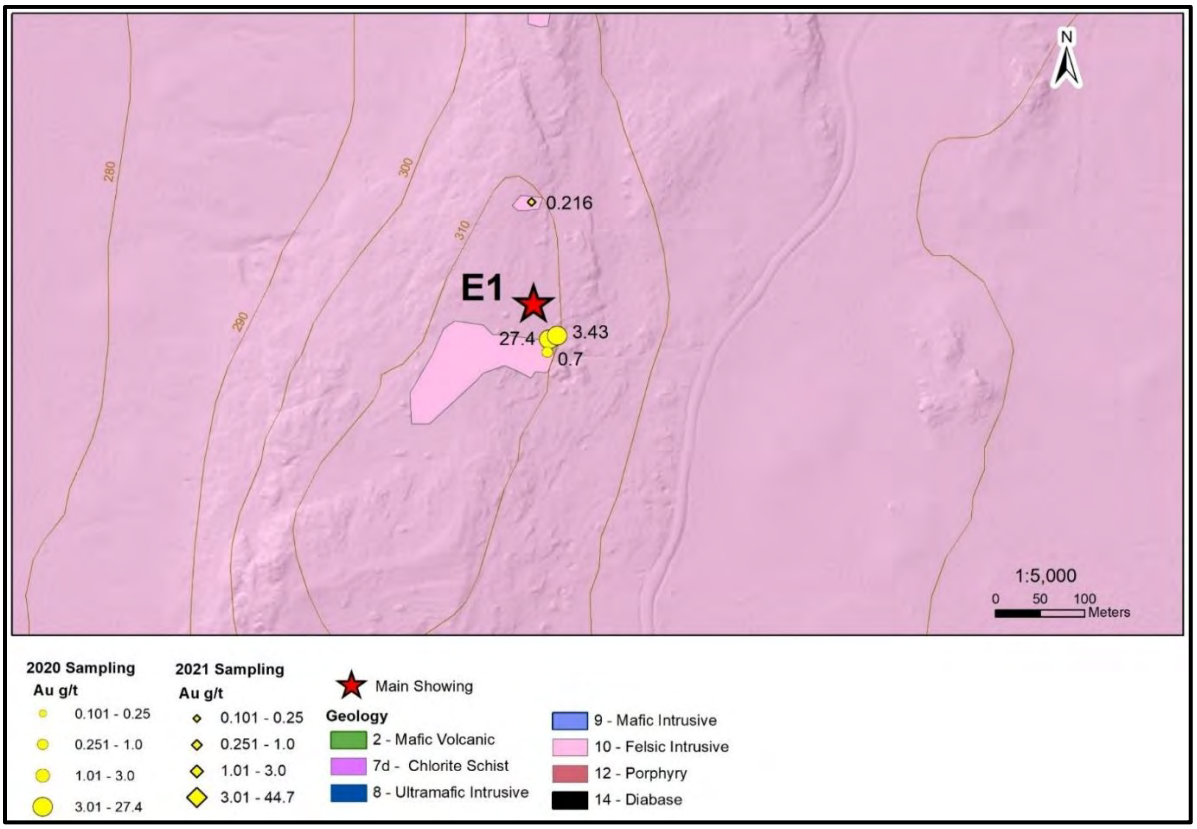
4. **Diabase Dykes (Matachewan Type**): typically massive, medium-grained, brown weathering, strongly magnetic dykes that crosscut all the units described above. These dykes have a north-south trend, are not deformed and are inferred to be the youngest unit in the map area

5. **Ultramafic intrusive rocks (?)**: scattered outcrops of ultramafic intrusive rocks are documented within the mafic volcanics, south of the Bradley Lake Syenite. A single outcrop was observed to date, which contained 3-5% pyroxene and rare olivine.

6. **Porphyry (quartz and feldspar porphyries)**: scattered outcrops of dominantly quartz and feldspar porphyry was observed in the E2 and E3 areas. A 1x2 m wide pod of medium-grained feldspar porphyry was observed in the E3 area. Several coarse-grained equivalents, with possible flow-banded, cumulate textures were also observed in the E2 and E3 areas.

7. **Chlorite Schist**: discrete outcrops of chlorite schist which represent strongly sheared and chlorite altered mafic volcanics were documented. The most significant occurrence is mapped in the E3 area, in contact with a gently Z-folded gabbroic intrusion. Numerous historic exploration trenches and shafts have been documented in close proximity to the chlorite schist in this area. Based on the spatial distribution observed to date the chlorite schist appears to be a high strain contact between mafic volcanics and more competent units such as gabbroic or felsic intrusions.

Figure 9: E1 Showing with Au Values > 0.1g/t



Several styles of quartz veins are documented on the Property, which include:

- Massive, locally vuggy, 1 – 10 cm thick quartz veins in the felsic intrusive complex. Appear to be dominantly extensional veins, with a dominant trend to the northeast.

- Stockwork veins in both the felsic intrusive complex and within the gabbroic intrusions. Appear to be the result of dominantly brittle, extensional deformation.

- Laminated shear veins of varying thickness have been documented in high-strain zones on the Property, in particular at the E3 trench.

- Massive to weakly laminated, gold mineralized, quartz-hematite veins at the E1 showing have a massive, almost bull quartz appearance and are locally fractured. These veins contain visible gold (VG) at E1 and possibly at E2. At E1, the “main mineralized vein” appears to have formed in response to dominantly dip-slip displacement, resulting in “flat veins” that are shallowly dipping to the northeast, forming off the “main vein”.

There appears to be four significant structural trends on the Property, based on contours of structure measurements and breaks in the regional aeromagnetic data. A summary of these four structural trends follows:

1. Approximately 300° structural trend defined by the orientation of ultramafic – mafic intrusions, brittle-ductile shear zones, foliation measurements, and laminated quartz / shear veins. This orientation of structures is documented in rocks south of the large felsic intrusion in the area of the E2 showing and appears to parallel the felsic intrusive contact with the mafic volcanic rocks.

2. East – West structural trend in the southwest part of the Property north of the E3 area, is defined by the orientation of gabbro intrusion contacts, shear zones, quartz veins and foliation. To the west of this area, structures resume a ~ 300° trend. A similar pattern is observed 950 m north of this area, where the inferred contact between the large felsic intrusion and mafic volcanic rocks has a "V-shape", produced from a change in contact strike from ~ 045° to the east to ~ 150° to the west.

3. North – South structural trend defined by breaks in the regional aeromagnetic data and massive quartz veins in the felsic intrusion and south of the intrusion in mafic rocks. Based on the inferred map pattern, this generation of structures appears to crosscut and displace the ~ 300° trend structures in a sinistral sense. Further evidence to support this orientation of shortening is the localized presence of ~ North – South-trending massive, tension style quartz veins throughout the Property.

4. Northeast – Southwest structural trend is defined by a significant break in the regional aeromagnetic dataset in the northern part of the Property, along the inferred contact of the Bradley Lake Syenite and massive quartz veins noted in the syenite. The relative timing of this structural trend is unknown as there are no clear map-scale crosscutting relationships.

10.2 Surface Sampling

Sampling occurred between May 11 to June 10, 2021, with a total of 141 samples sent to ALS Canada for analysis.

Sampled units varied from pyrite bearing quartz-veins, mafic schist, variably textured mafic volcanic, syenite with quartz stockwork, to gabbro, ultramafic and porphyritic rocks. Samples were analyzed for gold by fire assay as well as by ICP for thirty-three (33) additional elements. Significant gold values include 44.7, 38.9, 19.0 g/t Au. Remaining values range from below detection limit to 2.8 g/t Au (Figures, 8, 9, 10 and 11; Appendix 3).

With the exception of a grab sample of float in the E1 area, running 0.216 g/t Au, all 2021 samples with gold values higher than 0.1 g/t were collected from the southwest part of the Property (Figure 9). The highest-grade grab sample (44.7 g/t Au) was collected from the E3 trench area and is described by the sampler as: "*deformation zone in mafics same outcrop sample same as previous host. Cross cutting vein resembling the trench vein. 2-3 mm wide*". The next high-grade sample (38.9 g/t Au) is described as material from a muck pile. A 19 g/t Au sample was collected from the E3 trench area and is described by the sampler a: "*deformation zone in mafics sane oc. Sample taken off joint/frac running perpendicular to deformation. 1-2%*

fg py +/- 0.5%cpy, 328/78 fracture". A 2.8 g/t Au sample was also collected from blast rock in a mapped chlorite schist. (Figure 11.)

The remaining sub-gram anomalies appear to correlate with mapped chlorite schist, contacts between gabbro and mafic volcanics, and vuggy veins in mafic volcanics. At least three of these samples are described to have come from blast rock. All the samples collected from hematite altered syenite + quartz veins on the northeastern portion of the Property returned weakly anomalous gold values, with the highest values ranging from 11 – 28 ppb Au.

Figure 10: E2 Showing with Au Values > 0.1g/t

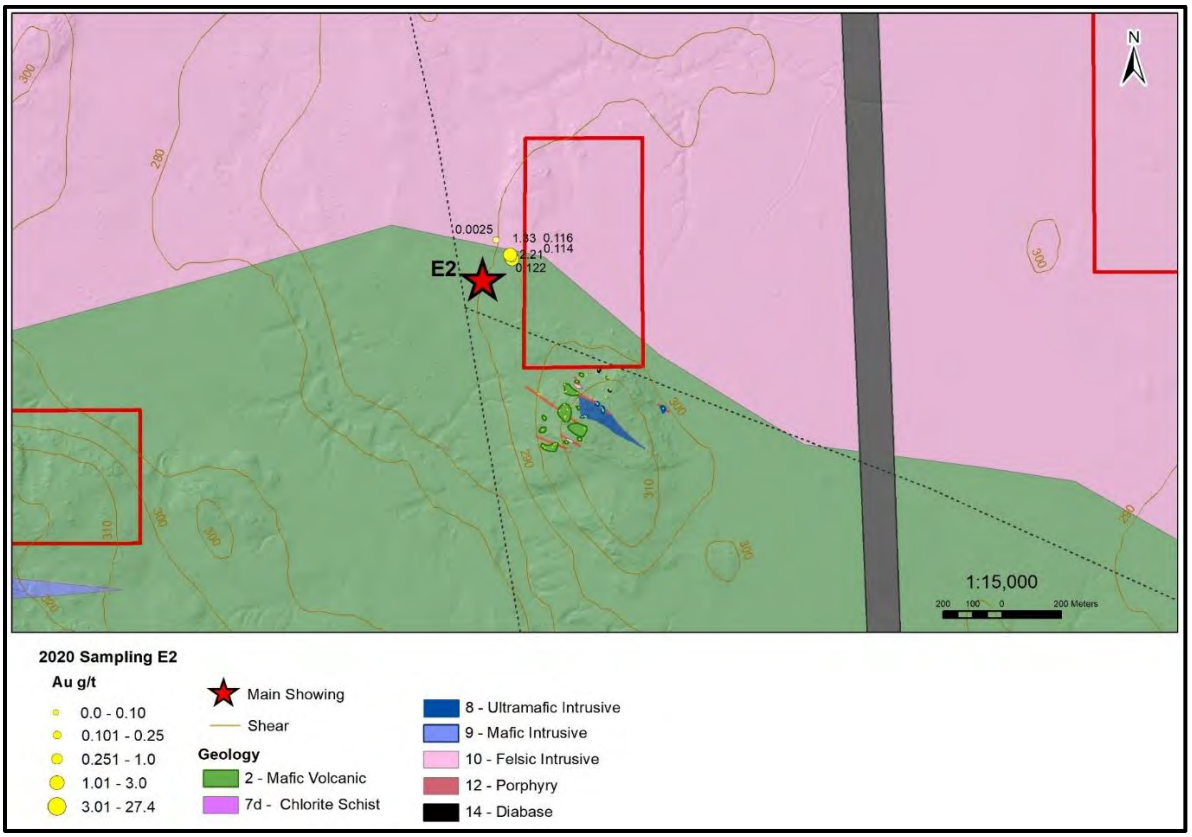
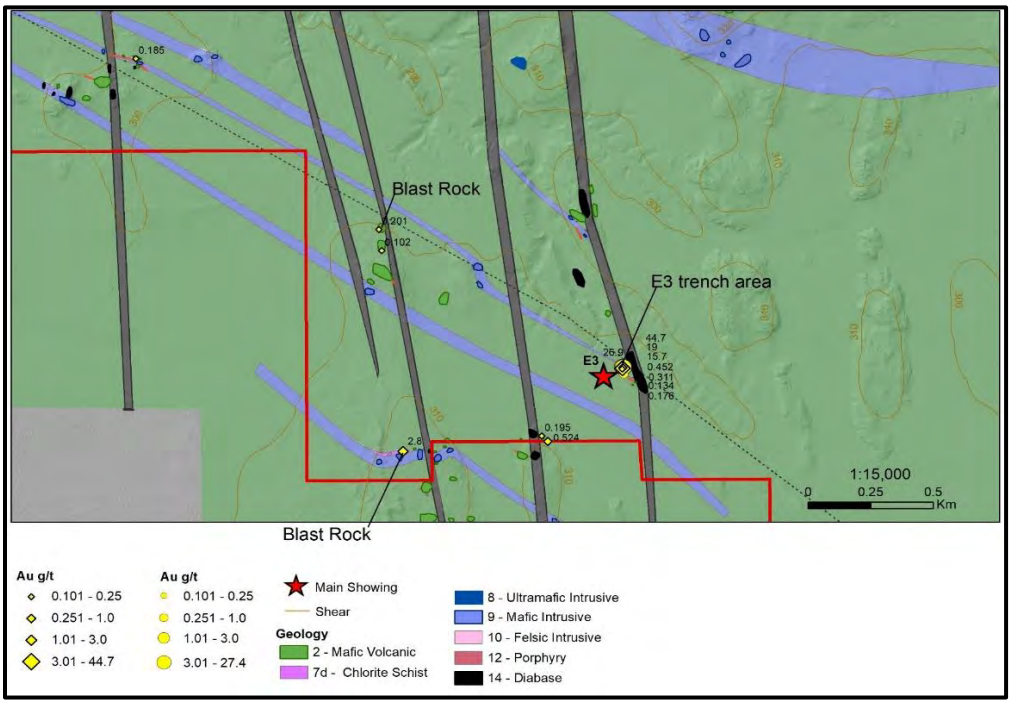


Figure 11: E3 showing with Au Values > 0.1g/t



10.3 Airborne LiDAR Survey

A 222 line-km (117 km^2) LiDAR survey data was collected on pre-planned flight lines flown at an average height of 850 metres above ground level and a forward speed of 215 km/h (Figure 12). The Riegl LMS Q780 laser pulsed at a rate of 400 kHz and the laser scanned at a rate of 134 Hz, resulting in an average point spacing of 0.45 metre or 5.0 points per square metre. The Canon EOS-5DS digital camera took a photo every 3.9 seconds resulting in 60% forward overlap between consecutive photos.

Deliverables received included:

- LiDAR point clouds classified to Ground, DTM Key Point, Low Vegetation (0 – 1 m) and High Vegetation (>1 m) in LAS v1.2 format.
- Bare Earth and Full Feature gridded points at 1 m spacing in ASCII XYZ format.
- Greyscale hillshades of Bare Earth and Full Feature surfaces at 1 m pixel resolution in GeoTIFF format (Figure 13).
- Ortho-mosaicked colour digital imagery with 10 cm pixel resolution in compressed ECW and GeoTIFF formats
- Index map in DWG format

Figure 12: LiDAR Survey Grid

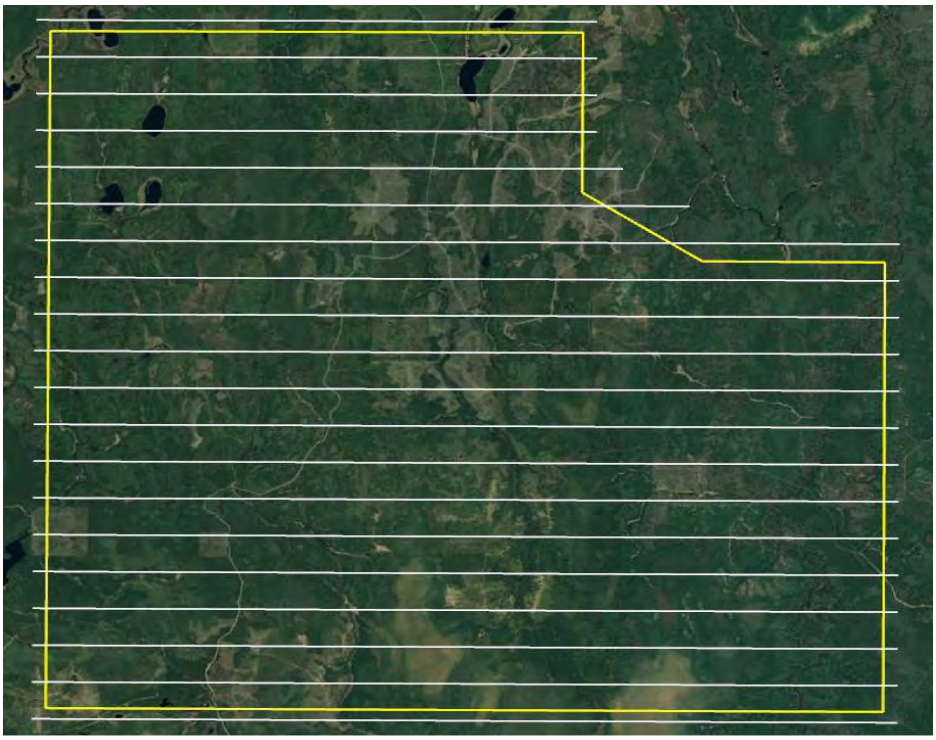
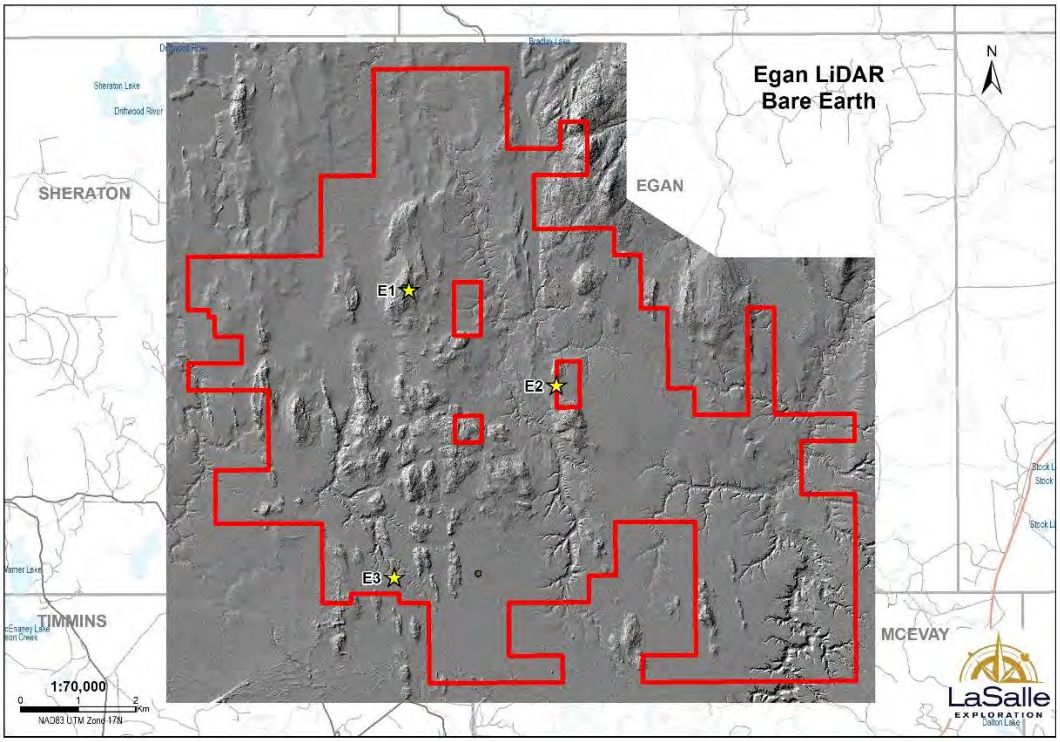


Figure 13: Bare Earth LiDAR



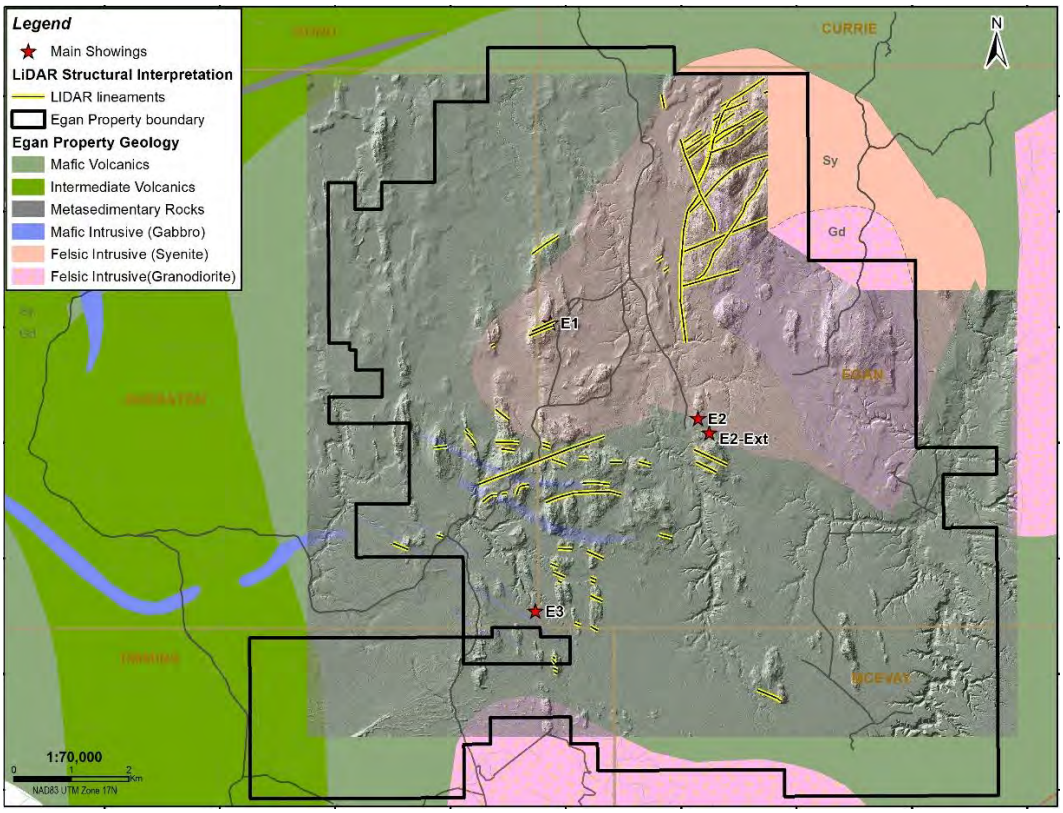
10.3.1 Airborne LiDAR Survey Interpretation

The data has proven very useful for outlining areas of outcrop based on the accurate elevation maps that can be generated combined with LiDAR's ability to "see" through the vegetation cover.

In addition, there is the ability to map geological structures from fine detail that can then be digitally enhanced to show subtle features. This is an iterative process between defining actual structural trends with the geological mapping and digitally refining the resolution of the LiDAR data.

Structural lineaments were interpreted from the LiDAR data and are outlined in Figure 14.

Figure 14: Bare Earth LiDAR Structural Interpretation



10.4 Airborne Geophysical Survey

The 827 line-kilometer (74.9 km^2) magnetic gradiometer survey was flown from May 15 to 16, 2021 at a mean height of 41.0 metres (Figure 15). The survey lines were flown at 100 metre spacing at a heading of 000°/180°. The tie lines were flown at 1000 metre spacing at a heading of 090°/270°. This high-resolution survey used a 4-sensor gradient magnetic bird which allowed the magnetic gradients to be measured rather than calculated. This can have significant advantages in mapping near-surface magnetic variations important in mineral exploration because the magnetic gradient varies more rapidly that the total magnetic intensity.

Deliverables received included:

1) Digital data files provided in three formats:
    - GDB file for use in Geosoft Oasis Montaj,
    - XYZ file, and
    - CSV Excel comma separated file
2) The digital data were gridded and displayed using the following Geosoft parameters. The gridded data were represented on maps that are listed below in 4).
    - Gridding method: minimum curvature
    - Grid cell size: 25m
    - Low pass de-sampling factor: 2
    - Tolerance: 0.001
    - % pass tolerance: 99.99
    - Minimum iterations: 100
3) The gridded digital data were exported into .KMZ files which can be displayed using Google Earth. The grids can be draped onto topography and rendered to give a 3D view.
4) Digital maps were created using the gridded digital data. All maps were shaded with the sun illumination inclination at 45 degrees and declination of 045 degrees. The following digital map products were prepared for the Egan Property. All maps were prepared in WGS84 and UTM Zone 17N.
    - DTM – Digital Terrain Model
    - TMI – Total Magnetic Intensity
    - RMI – Residual Magnetic Intensity
    - RTP of RMI – Reduced to Magnetic Pole
    - ILG – In-Line Gradient
    - XLG – Cross-Line Gradient

- VG – Vertical Gradient
- HG – Horizontal Gradient
- AS – Analytic Signal
- TDR – Tilt Derivative
- 1VD of RTP – First Vertical Derivative of Reduced to Magnetic Pole

10.4.1 Airborne Geophysical Survey Interpretation

An initial interpretation of the aeromagnetic survey data has outlined three areas of structural complexity, the possible extension of the E1 structure and a regional scale sinistral fault. These features are outlined on Figures 16, 17 and 18 and are described as follows:

1. Area 1: A 300 degree trending linear feature that includes the E3 showing. This is likely the same shear zone that hosts the high-grade gold mineralization and historic trenches at E3.
2. Area 2: in the area of mapped mafic intrusives and mafic volcanics there are intersecting 300 degree and 270-degree linear features. In addition, the western portion of this 300-degree linear features appear to intersect the interpreted southwest extension of the E1 structure.
3. Area 3: An interpreted change in strike from 120 degrees to 140 degrees and back to 120 degrees in an area of bedrock with a high magnetic signature, which may represent the offset portion of the mafic intrusives and volcanics of Area 2.
4. E1 Structure: An 040-050 degree trending linear feature has been interpreted that is associated with the E1 showing. This feature also appears to be offset in a sinstral sense by the interpreted regional fault
5. A sinistral fault is interpreted based on offsetting of the high magnetic signature mafic intrusives and volcanics of Area 1 and Area 3. A sinistral offset would also place the western strike extension of the E2 showing in close proximity to the eastern edge of Area 2.

Figure 15: Airborne Geophysical Survey Grid

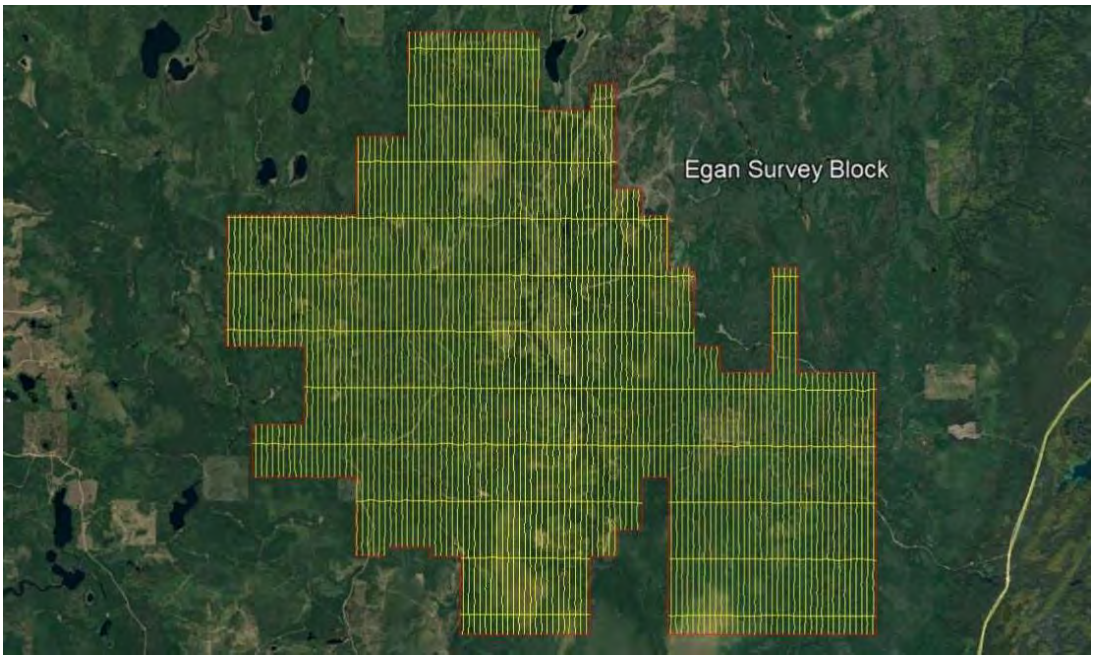


Figure 16: Total Magnetic Intensity – 25m

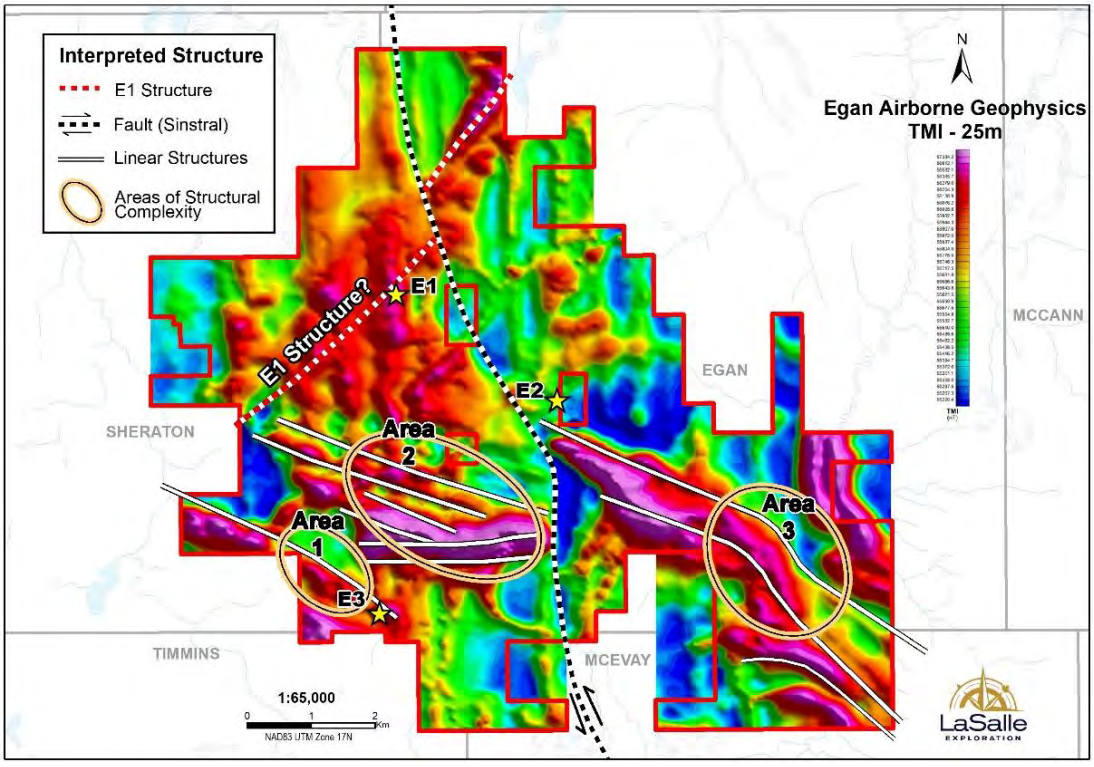


Figure 17: 1VD of Total Magnetic Intensity – 25m

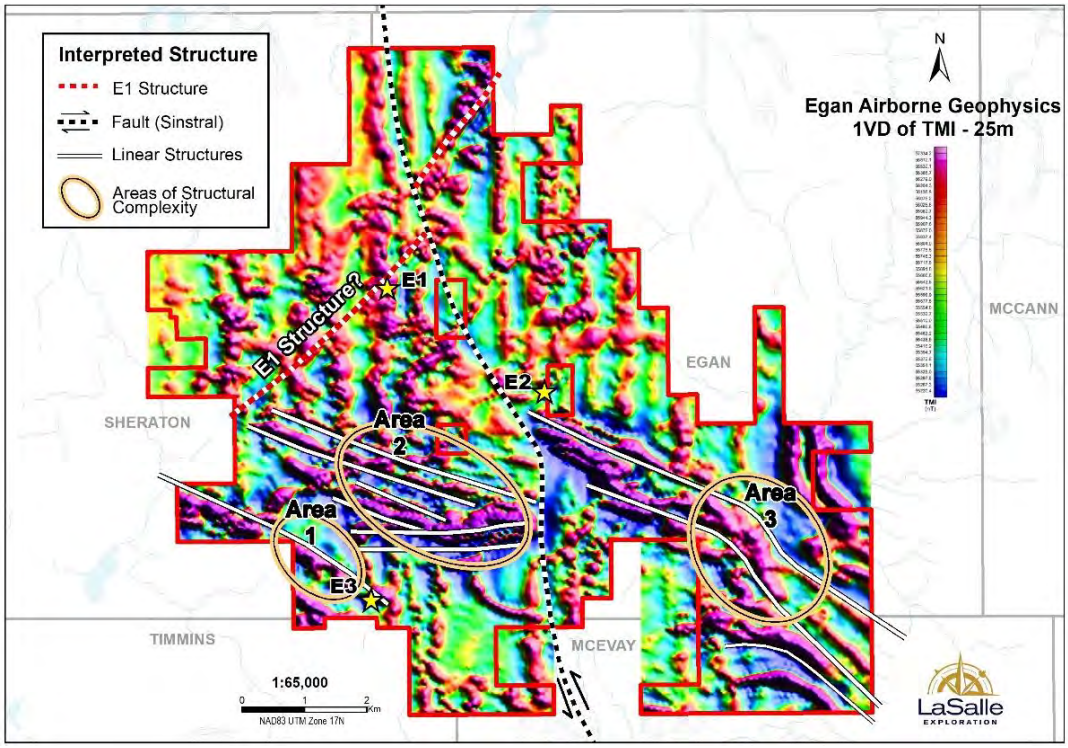
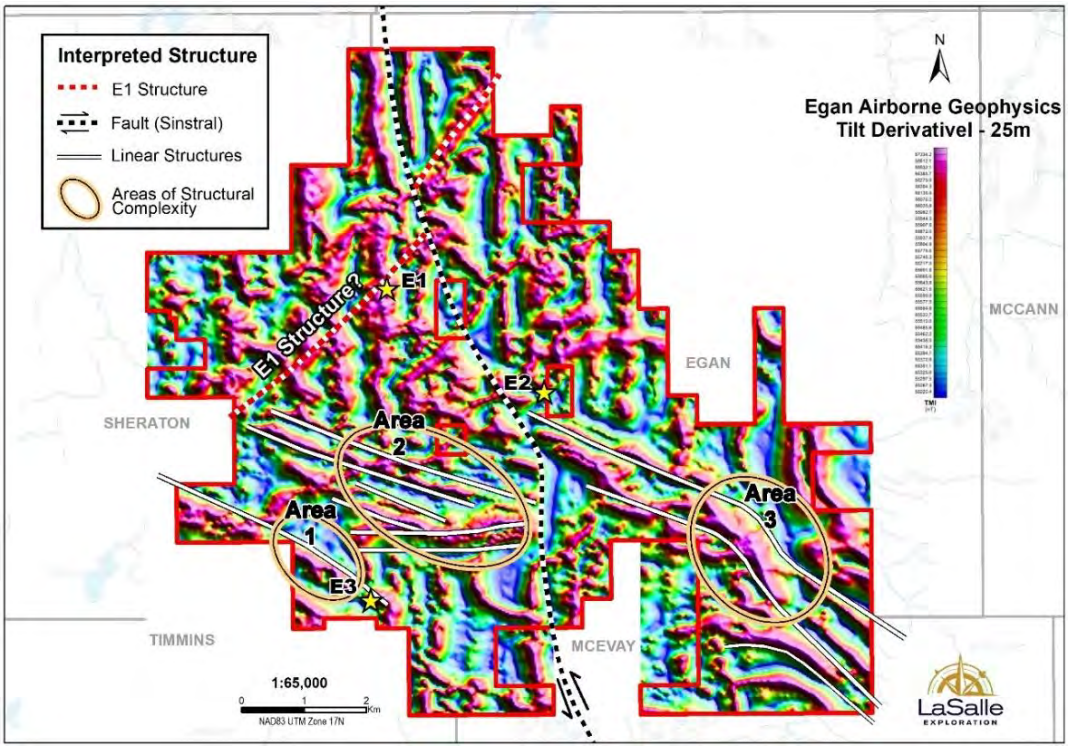


Figure 18: Tilt Derivative of TMI



11.0 CONCLUSION AND RECOMMENDATIONS

The Egan Property has several key features related to Archean gold deposits. In particular:

1. Structures that intersect at low angles, as around the E1 gold showing.

2. Structures that have changes in the orientation of the strike direction which may have zones of dilation associated, as there is southeast of the E2 gold showing (Area 3).

3. High-grade gold in more than one rock type. The E1 gold showing is hosted in syenite. The E2 and E3 gold showings are hosted in mafic volcanics, tuffs and chlorite schists.

4. Several styles of quartz veins that are related to brittle and ductile deformation in both high strain shear zones and brittle, extensional zones.

5. The gold mineralization on the Property is structurally controlled and exhibits similar geological, structural, and metallogenic characteristics to both quartz-carbonate vein (lode) deposits and felsic intrusive hosted quartz stockwork deposits.

Although the Property is at an early stage of mineral exploration, however, the prospectivity of significant gold mineralization is very good. Significantly more work needs to be completed to determine this.

It is recommended that all the following areas have focussed exploration completed on them:

1) the currently known E1, E2 and E3 gold showings,

2) areas 1, 2 and 3 that have interpreted structural complexity based on review of the LiDAR and aeromagnetic data, and

3) the interpreted extension of the E1 structure.

The following work is recommended for the above noted areas. This work should be completed over the 2022-2023 period:

4) mapping and prospecting,

5) stripping and trenching around the known showings,

6) Cutting of grids with 100 to 200 metre spaced north-south oriented lines,

7) Soil and till sampling in areas not covered by clay and glacial outwash deposits,

8) Dipole-Dipole IP over selected areas, and

9) Diamond drill testing of the highest priority targets defined by positive results of the above surveys.

12.0 REFERENCES

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13.0 CERTIFICATE OF QUALIFICATIONS

I, Alan J. Sexton, M.Sc., P.Geo. of 41 Barrhaven Crescent, Nepean, Ontario, hereby certify that:

1. I am currently the VP Exploration of LaSalle Exploration Corp.
2. I am a graduate of Saint Mary's University having obtained the degree of Bachelor of Science – Honours Geology in 1982.
3. I am a graduate of Acadia University having obtained the degree of Masters of Science in Geology in 1988.
4. I have been employed as a geologist for every field season (May – October) from 1979 to 1984. I have been continuously employed as a geologist since May 1985.
5. I am a member in good standing of the:
    a. Professional Geoscientists of Ontario (PGO), member # 0563
    b. Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG), member # L1339
    c. Association of Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL), member #04028
6. I was involved with work described in this report.
7. I am responsible for all sections of this assessment report.

Signed and dated this 5th day of November 2021 at Ottawa, Ontario.

Alan Sexton, M.Sc., P. Geo

I, Adam Findley, M.Sc., P.Geo. of 921 Eastboro Avenue, Orleans, ON, hereby certify that:

1. I am a graduate of University of Ottawa having obtained the degree of Bachelor of Science – Honours Geology in 2007.
2. I am a graduate of Queens University having obtained the degree of Masters of Science in Geology in 2010.
3. I have been employed during the 2006-2009 summer field seasons; I have been continually employed as a geologist since 2010.
4. I am a member of the Professional Geoscientists of Ontario (PGO), licence #2852, and use the designation P.Geo. I am a member of the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG), license L3968.
5. I was involved in work described in this report.
6. I contributed to writing this assessment report.

Signed and dated this 5th day of November 2021 at Ottawa, Ontario.

Adam Findley, M.Sc., P. Geo

I, Tara-Lynn M. Sagriff, B.Sc., P.Geo. of 7 Bylot Court, Kanata, Ontario, hereby certify that:

1. I am currently a consulting geologist for LaSalle Exploration Corp.

2. I am a graduate of Carleton University having obtained the degree of Bachelor of Science Geology in 1994.

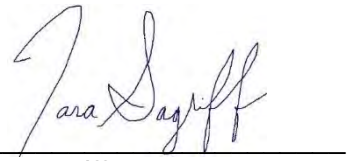
3. I have been employed as a geologist since May 1994.

4. I am a member in good standing of the Professional Geoscientists of Ontario (PGO), member # 2940

5. I was involved with work described in this report.

6. I contributed to the writing of this assessment report.

Signed and dated this 5th Day of November 2021 at Ottawa, Ontario.



Tara Sagriff, B.Sc., P.Geo

I, Timothy Chadwick, M. Sc., GIT do hereby certify that:

1. I am a Consultant of GeoVector Management Inc.
   Suite 312, 10 Green St.,
   Ottawa, Ontario, K2J 3Z6

2. I graduated with a BSc degree in Earth Sciences with a Minor in Geomatics from Carleton University in 2015. In addition, I have obtained an MSc in Earth Sciences from Carleton University in 2017.

3. I am a member of the Professional Geoscientists of Ontario as a Geoscientist-in-Training (membership # 10649).

4. I have worked as a geoscientist for a total of 4 years since my graduation from university.

5. I was involved in the work on the Egan Property described in this report.

Signed and dated this 4th Day of November 2021 at Hamilton, Ontario.

Timothy Chadwick

APPENDICES

Appendix 1: Egan Claims Table

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
1	101928	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.41	400	0
2	106609	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
3	106632	Egan	BCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	200	0
4	107760	Egan,Sheraton	BCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	200	0
5	111536	Egan	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
6	116277	Sheraton,Timmins	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
7	120461	Egan,Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	400	0
8	121347	Egan	BCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	200	0
9	128910	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.42	400	0
10	132803	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
11	132840	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	200	0
12	133296	Egan,Sheraton	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
13	134675	Egan	SCMC	Active	19/07/22	LaSalle Exploration Corp	21.42	200	0
14	134676	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
15	136198	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
16	136199	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
17	137216	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
18	137217	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
19	142225	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
20	145687	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
21	151307	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
22	159799	Egan,Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
23	160129	Egan,Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	400	0
24	161548	Sheraton	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
25	164203	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.41	400	0
26	164522	Egan,Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
27	164523	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
28	167554	Egan,Sheraton	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
29	170096	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
30	178025	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
31	180404	Sheraton	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
32	184831	Egan	SCMC	Active	03/01/22	LaSalle Exploration Corp	21.43	400	0
33	184846	Egan	SCMC	Active	05/12/21	LaSalle Exploration Corp	21.43	400	0
34	184848	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
35	184849	Egan,Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
36	184850	Egan,Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
37	188175	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
38	192350	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
39	192351	Egan,Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
40	193804	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
41	198137	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
42	198719	Egan	SCMC	Active	19/07/22	LaSalle Exploration Corp	21.42	400	1738
43	198850	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
44	200366	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
45	200367	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
46	204942	Sheraton,Timmins	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
47	206852	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
48	206853	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	200	0
49	212093	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.41	400	0
50	213783	Egan	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
51	218969	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
52	218970	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
53	224616	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	200	0
54	224617	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	400	0
55	224618	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	400	0
56	230895	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.41	400	0
57	230896	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.42	400	0
58	232648	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
59	232649	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	200	0
60	232650	Egan	BCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	200	0
61	234283	Sheraton	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
62	234284	Sheraton	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
63	235409	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.41	400	0
64	235969	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
65	236831	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
66	244766	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	200	0
67	252157	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	400	0
68	252158	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
69	252159	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	400	0
70	252160	Egan,Sheraton	BCMC	Active	13/07/22	LaSalle Exploration Corp	21.44	200	0
71	255459	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
72	255460	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
73	255461	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
74	256535	Egan	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.42	400	0
75	257210	Egan	BCMC	Active	08/11/21	LaSalle Exploration Corp	21.43	200	0
76	258218	Sheraton	BCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	200	0
77	259569	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.41	200	0
78	262470	Egan,Timmins	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
79	262970	Egan,Sheraton	BCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	200	0
80	270934	Egan,Sheraton,Timmins	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
81	272125	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.41	400	0
82	272126	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
83	272859	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
84	272860	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
85	280652	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
86	284767	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
87	285494	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
88	292040	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
89	296931	Egan	SCMC	Active	24/10/22	LaSalle Exploration Corp	21.42	400	0
90	298355	Egan,Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.41	400	0
91	301314	Egan	SCMC	Active	08/11/21	LaSalle Exploration Corp	21.41	200	0
92	301401	Egan	SCMC	Active	05/12/21	LaSalle Exploration Corp	21.43	400	0
93	303237	Egan	SCMC	Active	19/07/22	LaSalle Exploration Corp	21.42	400	0
94	304160	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
95	304161	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
96	308291	Egan,Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
97	310944	Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
98	316482	Egan	BCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	200	0
99	316483	Egan,Timmins	SCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	400	0
100	319953	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	400	0
101	322085	Egan,Sheraton	BCMC	Active	21/09/22	LaSalle Exploration Corp	21.43	200	0
102	327187	Egan,Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
103	327188	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
104	327201	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
105	333609	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
106	335924	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
107	335925	Sheraton	SCMC	Active	12/10/22	LaSalle Exploration Corp	21.42	400	0
108	338566	Egan	BCMC	Active	08/08/22	LaSalle Exploration Corp	21.44	200	0
109	339598	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
110	339629	Egan	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
111	342924	Egan,Sheraton	SCMC	Active	13/07/22	LaSalle Exploration Corp	21.43	400	0
112	511934	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
113	511935	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
114	511936	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
115	511937	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
116	511939	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
117	511940	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
118	511943	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.43	400	0
119	511944	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
120	511945	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
121	511946	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
122	511947	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
123	511948	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
124	511949	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
125	511950	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
126	511951	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
127	511952	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
128	511953	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
129	511954	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
130	511955	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
131	511956	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
132	511957	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
133	511958	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
134	511959	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
135	511960	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
136	511961	Egan	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
137	511962	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
138	511963	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
139	511964	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
140	511965	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
141	511966	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
142	511967	Egan,McEvay	SCMC	Active	10/04/22	LaSalle Exploration Corp	21.44	400	0
143	557562	Egan,McEvay	MCMC	Active	08/11/21	LaSalle Exploration Corp	85.76	1600	0
144	557563	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	107.18	1800	0
145	557564	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	150.02	2600	0
146	557565	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	64.29	800	0
147	557606	Egan	MCMC	Active	13/09/22	LaSalle Exploration Corp	42.87	800	0
148	566252	Egan	MCMC	Active	08/12/21	LaSalle Exploration Corp	128.61	2400	0
149	566263	Egan	SCMC	Active	08/12/21	LaSalle Exploration Corp	21.42	400	0
150	566264	Egan	SCMC	Active	08/12/21	LaSalle Exploration Corp	21.42	400	0
151	566265	Egan	SCMC	Active	08/12/21	LaSalle Exploration Corp	21.42	400	0
152	566266	Egan	SCMC	Active	08/12/21	LaSalle Exploration Corp	21.42	400	0
153	566267	Egan	SCMC	Active	08/12/21	LaSalle Exploration Corp	21.42	400	0
154	566546	Egan	MCMC	Active	15/12/21	LaSalle Exploration Corp	42.86	800	0
155	566834	Sheraton	MCMC	Active	16/12/21	LaSalle Exploration Corp	42.85	800	0
156	567729	McEvay	MCMC	Active	10/09/22	LaSalle Exploration Corp	85.77	1600	0
157	567730	McEvay	MCMC	Active	10/09/22	LaSalle Exploration Corp	128.66	2400	0
158	567731	McEvay	MCMC	Active	10/09/22	LaSalle Exploration Corp	85.77	1600	0
159	567732	McEvay	MCMC	Active	10/09/22	LaSalle Exploration Corp	64.34	1200	0
160	567733	Egan,McEvay	MCMC	Active	08/12/21	LaSalle Exploration Corp	85.76	1600	0
161	567734	Egan	MCMC	Active	08/12/21	LaSalle Exploration Corp	128.63	2400	0
162	567735	Egan	MCMC	Active	08/08/22	LaSalle Exploration Corp	42.85	600	555
163	567736	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	42.86	800	0
164	567737	Egan	MCMC	Active	05/12/21	LaSalle Exploration Corp	42.85	600	0
165	567756	Egan	MCMC	Active	05/12/21	LaSalle Exploration Corp	85.72	1600	0
166	567757	Egan	MCMC	Active	05/12/21	LaSalle Exploration Corp	42.86	600	0
167	567758	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	42.86	800	0
168	567759	Egan	MCMC	Active	10/04/22	LaSalle Exploration Corp	64.29	1200	0
169	567760	Egan	MCMC	Active	10/04/22	LaSalle Exploration Corp	42.87	800	0
170	567761	Sheraton	MCMC	Active	23/10/22	LaSalle Exploration Corp	107.10	1400	0
171	567762	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	85.63	1600	0
172	567763	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	42.82	800	0
173	567764	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	42.82	800	0
174	567765	Egan,Sheraton	MCMC	Active	08/11/21	LaSalle Exploration Corp	128.47	2200	0
175	567766	Egan,Sheraton	MCMC	Active	08/11/21	LaSalle Exploration Corp	85.63	1600	0
176	567767	Sheraton	MCMC	Active	23/10/22	LaSalle Exploration Corp	85.66	1600	0
177	567768	Sheraton	MCMC	Active	23/10/22	LaSalle Exploration Corp	128.53	2400	0
178	567769	Sheraton	MCMC	Active	23/10/22	LaSalle Exploration Corp	64.26	1200	0
179	567770	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	64.25	1200	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
180	567771	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	64.26	1200	0
181	567772	Egan	MCMC	Active	21/09/22	LaSalle Exploration Corp	85.69	1200	0
182	567773	Egan	MCMC	Active	21/09/22	LaSalle Exploration Corp	85.67	1400	0
183	567774	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	85.69	1600	0
184	567775	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	42.84	800	0
185	567776	Egan	MCMC	Active	24/10/22	LaSalle Exploration Corp	42.85	800	0
186	567777	Egan	MCMC	Active	05/12/21	LaSalle Exploration Corp	64.28	1200	0
187	569130	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	42.87	800	0
188	569131	Egan	MCMC	Active	08/11/21	LaSalle Exploration Corp	42.88	800	0
189	598014	Egan	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
190	598015	Egan,McEvay	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
191	598016	Egan	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
192	598017	Egan	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
193	598018	Egan	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
194	598019	Egan,McEvay,Timmins	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
195	598020	Egan,McEvay	SCMC	Active	06/07/22	LaSalle Exploration Corp	21.44	400	0
196	599316	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.43	400	0
197	599317	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.43	400	0
198	599318	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.42	400	0
199	599319	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.42	400	0
200	599320	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.41	400	0
201	599321	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.41	400	0
202	599322	Egan	SCMC	Active	15/07/22	LaSalle Exploration Corp	21.41	400	0
203	631586	Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
204	631587	McEvay,Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
205	631588	McEvay	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
206	631589	Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
207	631590	McEvay,Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
208	631591	McEvay	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.44	400	0
209	631592	Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.45	400	0
210	631593	McEvay,Timmins	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.45	400	0
211	631594	McEvay	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.45	400	0
212	631595	McEvay	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.45	400	0
213	631596	McEvay	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.45	400	0
214	631597	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
215	631598	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
216	631599	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
217	631600	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
218	631601	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.42	400	0
219	631602	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
220	631603	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.42	400	0
221	631604	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
222	631605	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
223	631606	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
224	631607	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
225	631608	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.42	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
226	631609	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
227	631610	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
228	631611	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
229	631612	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
230	631613	Sheraton	SCMC	Active	20/01/23	LaSalle Exploration Corp	21.43	400	0
231	632009	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
232	632010	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
233	632011	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
234	632012	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
235	632013	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
236	632014	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
237	632015	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
238	632016	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
239	632017	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
240	632018	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
241	632019	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
242	632020	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.44	400	0
243	632021	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
244	632022	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
245	632023	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
246	632024	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
247	632025	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
248	632026	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
249	632027	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
250	632028	McEvay	SCMC	Active	22/01/23	LaSalle Exploration Corp	21.45	400	0
251	633793	Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	400	0
252	633794	Egan	SCMC	Active	21/09/22	LaSalle Exploration Corp	21.42	400	0
253	633795	Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	400	0
254	633796	Sheraton	SCMC	Active	23/10/22	LaSalle Exploration Corp	21.42	400	0
255	655331	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
256	655332	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.42	400	0
257	655333	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.42	400	0
258	655334	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.42	400	0
259	655335	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
260	655336	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
261	655337	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
262	655338	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
263	655339	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
264	655340	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
265	655341	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
266	655342	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
267	655343	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
268	655344	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
269	655345	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
270	655346	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
271	655347	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
272	655348	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
273	655349	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
274	655350	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
275	655351	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
276	655352	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
277	655353	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
278	655354	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
279	655355	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
280	655356	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
281	655357	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
282	655358	Egan	SCMC	Active	08/05/23	LaSalle Exploration Corp	21.41	400	0
283	655382	Egan	SCMC	Active	09/05/23	LaSalle Exploration Corp	21.41	400	0
284	655383	Egan	SCMC	Active	09/05/23	LaSalle Exploration Corp	21.41	400	0
285	667902	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.43	400	0
286	667903	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
287	667904	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
288	667905	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
289	667906	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
290	667907	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
291	667908	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
292	667909	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
293	667910	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
294	667911	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
295	667912	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.43	400	0
296	667913	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.43	400	0
297	667914	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.43	400	0
298	667915	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
299	667916	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
300	667917	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
301	667918	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
302	667919	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
303	667920	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
304	667921	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
305	667922	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
306	667923	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
307	667924	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
308	667925	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
309	667926	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
310	667927	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
311	667928	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.43	400	0
312	667929	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
313	667930	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
314	667931	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
315	667932	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
316	667933	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
317	667934	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
318	667935	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
319	667936	Currie,Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
320	667937	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
321	667938	Bond,Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
322	667939	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
323	667940	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
324	667941	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
325	667942	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
326	667943	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
327	667944	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
328	667945	Currie,Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
329	667946	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
330	667947	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
331	667948	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
332	667949	Egan,Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
333	667950	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
334	667951	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
335	667952	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
336	667953	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
337	667954	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
338	667955	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
339	667956	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
340	667957	Currie,Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
341	667958	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
342	667959	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
343	667960	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
344	667961	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
345	667962	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
346	667963	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
347	667964	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
348	667965	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
349	667966	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
350	667967	Currie,Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
351	667968	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
352	667969	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
353	667970	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.42	400	0
354	667971	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
355	667972	Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
356	667973	Bond,Currie,Egan,Sheraton	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
357	667974	Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.41	400	0
358	667975	Currie,Egan	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.40	400	0
359	667976	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
360	667977	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
361	667978	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
362	667979	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
363	667980	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
364	667981	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
365	667982	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
366	667983	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
367	667984	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
368	667985	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
369	667986	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
370	667987	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
371	667988	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
372	667989	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
373	667990	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
374	667991	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
375	667992	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
376	667993	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
377	667994	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
378	667995	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
379	667996	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
380	667997	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
381	667998	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
382	667999	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
383	668000	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
384	668001	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
385	668002	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
386	668003	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
387	668004	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
388	668005	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
389	668006	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
390	668007	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
391	668008	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
392	668009	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
393	668010	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
394	668011	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
395	668012	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
396	668013	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
397	668014	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
398	668015	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
399	668016	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
400	668017	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
401	668018	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
402	668019	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
403	668020	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
404	668021	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
405	668022	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
406	668023	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
407	668024	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
408	668025	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
409	668026	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0

Count	Tenure ID	Township	Title Type	Tenure Status	Anniversary Date	Holder	Area (Ha)	Work Required	Total Reserve
410	668027	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
411	668028	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
412	668029	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
413	668030	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
414	668031	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
415	668032	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
416	668033	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
417	668034	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
418	668035	McEvay,Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
419	668036	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
420	668037	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
421	668038	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
422	668039	McEvay,Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
423	668040	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
424	668041	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
425	668042	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
426	668043	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
427	668044	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
428	668045	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
429	668046	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
430	668047	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
431	668048	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
432	668049	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
433	668050	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
434	668051	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
435	668052	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
436	668053	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
437	668054	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
438	668055	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
439	668056	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
440	668057	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
441	668058	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
442	668059	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
443	668060	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
444	668061	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
445	668062	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
446	668063	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
447	668064	McEvay	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
448	668065	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
449	668066	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
450	668067	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
451	668068	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0
452	668069	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
453	668070	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.45	400	0
454	668071	Timmins	SCMC	Active	09/07/23	LaSalle Exploration Corp	21.44	400	0

Appendix 2: 2019-2020 Soil Sample Table with Assays

Sample ID	Coordinate System	Zone	Easting	Northing	Year	Description	Au ppb	Certificate No.
A - 1	UTM/Nad83	17U	523930	5362052	2019	B Horizon, Humus	18	A19-09402
A - 2	UTM/Nad83	17U	523957	5362050	2019	B Horizon, Humus	2.5	A19-09402
A - 3	UTM/Nad83	17U	523985	5362054	2019	B Horizon, Humus	9	A19-09402
A - 4	UTM/Nad83	17U	524012	5362054	2019	B Horizon, Humus	2.5	A19-09402
A - 5	UTM/Nad83	17U	524050	5262051	2019	B Horizon, Humus	2.5	A19-09402
A - 6	UTM/Nad83	17U	524079	5362047	2019	B Horizon, Humus	6	A19-09402
A - 7	UTM/Nad83	17U	524100	5362049	2019	B Horizon, Humus	2.5	A19-09402
A - 8	UTM/Nad83	17U	524125	5362057	2019	B Horizon, Humus	2.5	A19-09402
A - 9	UTM/Nad83	17U	524151	5362051	2019	B Horizon, Humus	2.5	A19-09402
A - 10	UTM/Nad83	17U	524175	5362047	2019	B Horizon, Humus	2.5	A19-09402
A - 11	UTM/Nad83	17U	524197	5362056	2019	B Horizon, Humus	2.5	A19-09402
A - 12	UTM/Nad83	17U	524223	5362049	2019	B Horizon, Humus	2.5	A19-09402
A - 13	UTM/Nad83	17U	524251	5362052	2019	B Horizon, Humus	2.5	A19-09402
A - 14	UTM/Nad83	17U	524274	5362055	2019	B Horizon, Humus	2.5	A19-09402
A - 15	UTM/Nad83	17U	524275	5362049	2019	B Horizon, Humus	7	A19-09402
A - 16	UTM/Nad83	17U	524275	5361999	2019	B Horizon, Humus	2.5	A19-09402
A - 17	UTM/Nad83	17U	524250	5362000	2019	B Horizon, Humus	9	A19-09402
A - 18	UTM/Nad83	17U	524195	5362004	2019	B Horizon, Humus	10	A19-09402
A - 19	UTM/Nad83	17U	524125	5361995	2019	B Horizon, Humus	14	A19-09402
A - 20	UTM/Nad83	17U	524101	5361999	2019	B Horizon, Humus	2.5	A19-09402
A - 21	UTM/Nad83	17U	523915	5362007	2019	B Horizon, Humus	2.5	A19-09402
A - 22	UTM/Nad83	17U	524276	5362099	2019	B Horizon, Humus	2.5	A19-09402
A - 23	UTM/Nad83	17U	524251	5362095	2019	B Horizon, Humus	2.5	A19-09402
A - 24	UTM/Nad83	17U	524225	5362098	2019	B Horizon, Humus	2.5	A19-09402
A - 25	UTM/Nad83	17U	524198	5362097	2019	B Horizon, Humus	6	A19-09402
A - 26	UTM/Nad83	17U	524177	5362105	2019	B Horizon, Humus	6	A19-09402
A - 27	UTM/Nad83	17U	524145	5362101	2019	B Horizon, Humus	2.5	A19-09402
A - 28	UTM/Nad83	17U	524126	5362100	2019	B Horizon, Humus	2.5	A19-09402
A - 29	UTM/Nad83	17U	524096	5362100	2019	B Horizon, Humus	2.5	A19-09402
A - 30	UTM/Nad83	17U	524074	5362101	2019	B Horizon, Humus	2.5	A19-09402
A - 31	UTM/Nad83	17U	524052	5362098	2019	B Horizon, Humus	2.5	A19-09402
A - 32	UTM/Nad83	17U	524026	5362093	2019	B Horizon, Humus	2.5	A19-09402
A - 33	UTM/Nad83	17U	524000	5362099	2019	B Horizon, Humus	2.5	A19-09402
A - 34	UTM/Nad83	17U	523969	5362100	2019	B Horizon, Humus	2.5	A19-09402
A - 35	UTM/Nad83	17U	525278	5362095	2019	B Horizon, Humus	2.5	A19-09402
A - 36	UTM/Nad83	17U	525264	5362076	2019	B Horizon, Humus	2.5	A19-09402
A - 37	UTM/Nad83	17U	525255	5362053	2019	B Horizon, Humus	6	A19-09402
A - 38	UTM/Nad83	17U	525252	5362024	2019	B Horizon, Humus	2.5	A19-09402
A - 39	UTM/Nad83	17U	525250	5362013	2019	B Horizon, Humus	5	A19-09402
A - 40	UTM/Nad83	17U	525267	5362199	2019	B Horizon, Humus	2.5	A19-09402

Sample ID	Coordinate System	Zone	Easting	Northing	Year	Description	Au ppb	Certificate No.
A-49	UTM/Nad83	17U	523754	5362035	2020	B Horizon	26	A20-05535
A-50	UTM/Nad83	17U	523757	5362013	2020	B Horizon	23	A20-05535
A-51	UTM/Nad83	17U	523755	5361988	2020	B Horizon	17	A20-05535
A-52	UTM/Nad83	17U	523754	5361960	2020	B Horizon	15	A20-05535
A-53	UTM/Nad83	17U	523760	5361946	2020	B Horizon	30	A20-05535
A-54	UTM/Nad83	17U	523753	5361920	2020	B Horizon	22	A20-05535
A-55	UTM/Nad83	17U	523759	5361896	2020	B Horizon	19	A20-05535
A-56	UTM/Nad83	17U	523749	5361869	2020	B Horizon	28	A20-05535
A-57	UTM/Nad83	17U	523764	5361840	2020	B Horizon	19	A20-05535
A-58	UTM/Nad83	17U	523763	5361800	2020	B Horizon	24	A20-05535
A-59	UTM/Nad83	17U	523766	5361779	2020	B Horizon	33	A20-05535
A-60	UTM/Nad83	17U	523755	5361750	2020	B Horizon	18	A20-05535
A-61	UTM/Nad83	17U	523755	5361724	2020	B Horizon	20	A20-05535
A-62	UTM/Nad83	17U	523785	5361738	2020	B Horizon	102	A20-05535
A-63	UTM/Nad83	17U	523791	5361759	2020	B Horizon	25	A20-05535
A-64	UTM/Nad83	17U	523788	5361777	2020	B Horizon	21	A20-05535
A-65	UTM/Nad83	17U	523785	5361801	2020	B Horizon	17	A20-05535
A-66	UTM/Nad83	17U	523783	5361826	2020	B Horizon	34	A20-05535
A-67	UTM/Nad83	17U	523790	5361876	2020	B Horizon	17	A20-05535
A-68	UTM/Nad83	17U	523785	5361903	2020	B Horizon	15	A20-05535
A-69	UTM/Nad83	17U	523780	5361986	2020	B Horizon	22	A20-05535
A-70	UTM/Nad83	17U	523782	5362029	2020	B Horizon	13	A20-05996
A-71	UTM/Nad83	17U	523786	5362050	2020	B Horizon	12	A20-05996
A-72	UTM/Nad83	17U	523786	5362086	2020	B Horizon	16	A20-05996
A-73	UTM/Nad83	17U	523811	5362101	2020	B Horizon	14	A20-05996
A-74	UTM/Nad83	17U	523811	5362004	2020	B Horizon	13	A20-05996
A-75	UTM/Nad83	17U	523812	5361986	2020	B Horizon	9	A20-05996
A-76	UTM/Nad83	17U	523823	5361965	2020	B Horizon	15	A20-05996
A-77	UTM/Nad83	17U	523816	5361949	2020	B Horizon	13	A20-05996
A-78	UTM/Nad83	17U	523813	5361935	2020	B Horizon	13	A20-05996
A-79	UTM/Nad83	17U	523809	5361913	2020	B Horizon	17	A20-05996
A-80	UTM/Nad83	17U	523802	5361881	2020	B Horizon	14	A20-05996
A-81	UTM/Nad83	17U	523823	5361840	2020	B Horizon	11	A20-05996
A-82	UTM/Nad83	17U	523819	5361825	2020	B Horizon	13	A20-05996
A-83	UTM/Nad83	17U	523813	5361810	2020	B Horizon	18	A20-05996
A-84	UTM/Nad83	17U	523807	5361778	2020	B Horizon	12	A20-05996
A-85	UTM/Nad83	17U	523810	5361765	2020	B Horizon	14	A20-05996
A-86	UTM/Nad83	17U	523826	5361774	2020	B Horizon	15	A20-05996
A-87	UTM/Nad83	17U	523831	5361796	2020	B Horizon	52	A20-05996
A-88	UTM/Nad83	17U	523830	5361825	2020	B Horizon	69	A20-05996
A-89	UTM/Nad83	17U	523838	5361846	2020	B Horizon	8	A20-05996
A-90	UTM/Nad83	17U	523850	5361879	2020	B Horizon	9	A20-05996
A-91	UTM/Nad83	17U	523843	5361919	2020	B Horizon	2.5	A20-05996

Sample ID	Coordinate System	Zone	Easting	Northing	Year	Description	Au ppb	Certificate No.
A-92	UTM/Nad83	17U	523846	5361949	2020	B Horizon	15	A20-05996
A-93	UTM/Nad83	17U	523785	5361738	2020	B Horizon	24	A20-05996
A-94	UTM/Nad83	17U	523785	5361743	2020	B Horizon	16	A20-05996
A-95	UTM/Nad83	17U	523791	5361743	2020	B Horizon	11	A20-05996
A-96	UTM/Nad83	17U	523786	5361743	2020	B Horizon	11	A20-05996
A-97	UTM/Nad83	17U	523785	5361738	2020	B Horizon	11	A20-05996
A-98	UTM/Nad83	17U	523785	5361708	2020	B Horizon	9	A20-05996
A-99	UTM/Nad83	17U	523760	5361704	2020	B Horizon	15	A20-05996
A-100	UTM/Nad83	17U	523760	5361678	2020	B Horizon	14	A20-05996
A-101	UTM/Nad83	17U	523783	5361676	2020	B Horizon	19	A20-05996
A-102	UTM/Nad83	17U	523810	5361681	2020	B Horizon	22	A20-05996
A-103	UTM/Nad83	17U	523808	5361696	2020	B Horizon	14	A20-05996
A-104	UTM/Nad83	17U	523808	5361660	2020	B Horizon	16	A20-05996
A-105	UTM/Nad83	17U	523785	5361660	2020	B Horizon	18	A20-05996
A-106	UTM/Nad83	17U	523760	5361653	2020	B Horizon	31	A20-05996
A-107	UTM/Nad83	17U	523773	5361635	2020	B Horizon	17	A20-05996
A108	UTM/Nad83	17U	523806	5361639	2020	B Horizon	10	A20-05996
A-109	UTM/Nad83	17U	523900	5361597	2020	B Horizon	16	A20-05996
A-110	UTM/Nad83	17U	523905	5361578	2020	B Horizon	10	A20-05996
A-111	UTM/Nad83	17U	523910	5361528	2020	B Horizon	11	A20-05996

Appendix 3: 2019-2021 Rock Sample Table with Gold Assays

Sample ID	Easting	Northing	Type	Year	Description	Certificate Number	Au (g/t)
67251	526307	5360403	Rubble	2019	Rubble- same as sample 67252	A19-09566	0.356
67252	526304	5360407	Rubble	2019	Rubble- sheared mafic, strongly sheared qz carbonate veining following shearing, strong iron rind hem. Staining 3% diss py	A19-09566	0.057
67253	526304	5360407	Rubble	2019	Rubble- qz vein clear k/spar common no visible py	A19-09566	0.032
67254	526338	5360747	Rubble	2019	Rubble- mod sheared mafic volc, trace sulfides	A19-09566	0.010
67255	526347	5360672	Rock	2019	Bedrock- highly siliceous rock medium pink colour, strongly altered possible felsic intrusive, 1% fmg diss py, py strongly oxidized	A19-09566	0.028
67256	526215	5360426	Rubble	2019	Rubble - highly siliceous layered rock 1% fg diss py, possible sediment.	A19-10964	0.549
67257	526233	5360420	Rubble	2019	Rubble- 1cm qz vein highly siliceous, strongly chloritic trace py	A19-10964	0.039
67258	526255	5360432	Rubble	2019	Rubble- qz vein, Kspar veins, mafic fragment .5% with py associated with mafic fragment.	A19-10964	0.234
67259	526255	5360432	Rubble	2019	Rubble- qz breccia, clear qz and sugary qz, 2% diss py, rusty	A19-10964	0.490
67260	526257	5360423	Rubble	2019	Rubble - highly siliceous volc/sed. hematite alteration along qz, rock is 50% qz, 3% diss and aggregate calco and py strong oxidation/rusty.	A19-10964	5.780
67261	526269	5360420	Rubble	2019	Rubble- mafic volc. bleached along shear fracture. sheared qz accounting for 50% of sample, 1% cg and aggregate py.	A19-10964	1.350
67262	526290	5360428	Rubble	2019	Rubble- qz with host rock contact	A19-10964	0.336
67263	526290	5360428	Rubble	2019	Rubble- highly siliceous strongly chloritic, mafic volc	A19-10964	0.007
67264	526291	5360420	Rubble	2019	Rubble - fracture qz vein py veinlets fracture, clear qz	A19-10964	19.300
67266	526255	5360432	Rubble	2019	Rubble- strongly foliated mafic volc possible sediment felsic banding are pink color/hematite altered. qz carbonate patches, 4% fg/cg py	A19-11629	1.300
67267	526260	5360427	Rubble	2019	Rubble- qz vein in syenite, gray qz coarse grained subhedral py 1%	A19-11629	0.389
67268	526261	5360425	Rubble	2019	Rubble- Same as 67266.	A19-11629	1.240
67269	526247	5360428	Rubble	2019	Rubble- clear to white qz chloritic trace py, 1% py associated with chlorite fractures	A19-11629	0.201
67270	526251	5360421	Rubble	2019	Rubble - qz breccia, sugary qz, 5% diss mg py, some places more carbonate than qz that host abundant diss euhedral py often highly oxidized.	A19-11629	1.790
67271	526255	5360420	Rubble	2019	Rubble- extremely foliated highly siliceous, possible sediment, 1% diss py cubes and cg aggregate. 0.3cm qz vein cross cutting layering/foliation.	A19-11629	0.465

Sample ID	Easting	Northing	Type	Year	Description	Certificate Number	Au (g/t)
67272	526255	5360420	Rubble	2019	Rubble - Mafic volc. contact with semi translucent qz vein, 2% fg/mg py along contacts.	A19-11629	0.243
67273	526257	5360427	Rubble	2019	Rubble- qz breccia, cross cutting qz veins with cg py along both vein sets, 3% pyrite. Strongly altered host rock. Hematite staining.	A19-11629	0.428
67274	526220	5360411	Rock	2019	Bedrock - syenite intrusive, 5% mafic mineral / hornblende, no visible sulfide.	A19-11629	0.010
67275	526261	5360418	Rubble	2019	NO REP/no description	A19-11629	2.520
67276	526261	5360414	Rubble	2019	Rubble- qz vein chloritic fragment of finely layered rock, clear qz intruding sugary qz, strong oxidation in some places, cg py 2% associated with brecciated fragments, py grains within qz vein.	A19-11629	1.090
67277	526261	5360419	Rubble	2019	Rubble- highly siliceous possible sediment several 0.3cm qz veins, weak hematite alteration overprint, 2% diss mg py. visible specular hematite.	A19-11629	0.455
67278	526219	5360439	Rubble	2019	Rubble- Mafic volc. weakly carb altered blocky, mm scaled qz hematite vein 0.5% vfg py possibly deformed sediment.	A19-11629	0.010
67279	526261	5360415	Rubble	2019	Rubble- mod. sheared volc. with 2cm qz vein, potassic / hematite veinlets, 2% cg py.	A19-11629	1.910
67280	526291	5360423	Rock	2019	Bedrock- 7cm qz vein striking 120 degrees, 5% pyrite aggregate along contacts	A19-12694	15.300
67281	526291	5360423	Rubble	2019	Rubble- Mafic volc mod sheared, silica and carbonate altered, diss qz carbonate veinlets, 2% vfg py	A19-12694	0.026
67282	526290	5360430	Rubble	2019	Rubble- Qz clear to white, 2% py as veinlets along fractures, gray in color	A19-12694	1.120
67283	526290	5360430	Rubble	2019	Rubble- mafic volc. Carbonated 1%diss py	A19-12694	0.019
67284	526288	5360425	Rubble	2019	Rubble- Mafic volc. Several 0.5cm qz carbonate veins accounting for 10% of sample, strongly silicified/ carbonated, 5% fg diss. Py and py along vein contacts	A19-12694	16.600
67285	526288	5360425	Rubble	2019	Rubble-Strongly fractured qz vein with chlorite and py filling fractures, rusty/oxidized mottled	A19-12694	6.540
67286	526288	5360425	Rubble	2019	Rubble- 10cm piece clear to white qz gray in places rusty, py veinlets within qz associated with chlorite, 3% py	A19-12694	1.660
67287	526286	5360435	Rubble	2019	Rubble- qz vein 10cm, chlorite fractures with 1% diss py	A19-12694	0.680
67288	526288	5360431	Rubble	2019	Rubble- Mafic volc. Moderately sheared strongly carbonated, 2% vfg py as veinlets following shear planes	A19-12694	0.345
67289	526287	5360436	Rubble	2019	Rubble- 4cm qz veins hosted within strongly silica carbonate altered mafic volc. 2% py along vein contact area, fg py and mg cubes	A19-12694	0.369
67290	526288	5360433	Rubble	2019	Rubble- Mafic volc. 0.3cm qz carbonate veining mod sheared mod carbonated, 2% vfg diss. Py	A19-12694	0.088

Sample ID	Easting	Northing	Type	Year	Description	Certificate Number	Au (g/t)
67291	526278	5360427	Rubble	2019	Rubble- Mafic volc. Strongly sheared, numerous qz carbonate veinlets/ streaks, 3% f-mg py as diss and cubes, poss calco py	A19-12694	1.120
67293	526294	5360426	Rubble	2019	Rubble- qz, chlorite filled fractures with associated fg py. 1% py rusty/oxidized	A19-12694	3.740
67294	526278	5360427	Rubble	2019	Rubble- highly fractured chloritic qz vein, rusty/ oxidized along fractures, trace fg py	A19-12694	0.086
67295	526291	5360439	Rubble	2019	Rubble- 10cm qz rubble, chloritic and hem. Fractures 2cm hosting volc, 1% py, slightly magnetic	A19-12694	1.230
67296	526246	5360421	Rubble	2019	Rubble- same as sample 67300, trace fg py	A19-13006	0.050
67297	526245	5360406	Rock	2019	Bedrock- synite host rock fragments chloritic trace fg py, 4cm qz vein	A19-13006	0.045
67298	526250	5360406	Rock	2019	Bedrock- strongly carbonate mafic volc. Light gray in colour, 0.5% fg diss py	A19-13006	0.005
67299	526245	5360420	Rock	2019	Bedrock- mod sheared mafic volc med gray colour, low visible sulfides talcose along slickensides, poss ultra mafic	A19-13006	0.003
67300	526243	5360414	Rock	2019	Bedrock- synite chlorite fracture fills 2% associated fg py, strongly siliceous 1/2 cm qz vein, light pink colour	A19-13006	0.168
67201	523732	5362083	Trench	2020	Mg sy, weak per hem alt tr diss py, str mag, coarse magnetite	A20-05036	0.003
67202	523730	5362078	Trench	2020	felsic dike, med grey colour, weak per hem alt, equi granular poss qz and feld grains, highly silicious, 2cm qv bx, non mag	A20-05036	0.239
67203	523730	5362079	Trench	2020	Mg sy, weak per hem alt, str mag, tr diss py	A20-05036	0.003
67204	523729	5362080	Trench	2020	Qv bx, distinct pink alt feld, mg sy, 1% diss py, str mag	A20-05036	0.747
67205	523731	5362084	Trench	2020	Mg sy, weak per hem alt, 1cm vuggy qv with minor alt contacts, str mag	A20-05036	1.400
67206	523730	5362079	Trench	2020	Fg silicious sy, 1% diss mg py, spec hem, highly oxidized py grains, weakly mag locally	A20-05036	0.564
67207	523730	5362078	Trench	2020	Qv white, minor alt fg sy	A20-05036	0.006
67208	523733	5362079	Trench	2020	Fg silicious poss qfp dike, similar to aforementioned fel and or mafic fg dike, non mag, str fe carb rind, 3mm qv, weak patchy hem alt	A20-05036	0.342
67209	523734	5362080	Trench	2020	equigranular fg fel dike, cuts mg sy, mod per hem alt, 1% diss fg py, dike has raised weathered appearance, dike is non mag, mg sy str mag	A20-05036	0.017
67210	523730	5362083	Trench	2020	Qv bx, mod per hem alt, pink, 4% diss mg and cg py, weakly mag	A20-05036	4.330
67211	523731	5362083	Trench	2020	Relatively unalt mg sy, tr diss py, poss qz diorite, str mag, weak per hem alt	A20-05036	0.007
67212	523730	5362083	Trench	2020	Qv bx, mod per hem alt, pink, 4% diss mg and cg py, weakly mag	A20-05036	16.600
67213	523730	5362082	Trench	2020	Fg fel dike, mod per hem alt, str fe rind, non mag, 2% diss fg py	A20-05036	0.009

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67214	523731	5362083	Trench	2020	Fg fel dike at contact with mg sy, dike is mod per hem alt, 2% diss fg py in dike, highly sil, original igneous textures maybe absent due to the sample dominantly taken on chilled margin.	A20-05036	0.829
67215	523731	5362083	Trench	2020	Mod hem alt sy, 2cm qv, mg py, mod mag	A20-05036	0.180
67216	523730	5362083	Trench	2020	Mod hem alt sy, 2cm qv, mg py, mod mag, 4% diss py, poss cpx subhedral grains within qv	A20-05036	47.600
67217	523730	5362085	Trench	2020	Qv bx, mg sy, mod per hem alt, spec hem along vein contacts, tr secondary fg py, str mag	A20-05036	0.028
67218	523737	5362085	Trench	2020	Fg fel dike, mod per hem alt, cg str oxidized py within 0.5cm qv, non mag	A20-05036	67.200
67219	523732	5362084	Trench	2020	Relatively unalt mg sy, tr diss py, poss qz diorite, str mag, weak per hem alt	A20-05036	0.025
67220	523736	5362088	Trench	2020	Relatively unalt mg sy, tr diss py, poss qz diorite, str mag, weak per hem alt	A20-05036	1.400
67221	523737	5362088	Trench	2020	Mg sy, mod per hem alt, a few 2mm clear qv, 1% diss py, str mag	A20-05036	1.030
67222	523738	5362088	Trench	2020	Mg sy, mod per hem alt, a few 5mm clear qv, 4% fg py, str mag, spe hem along qv contacts	A20-05036	7.540
67223	523739	5362087	Trench	2020	Qv bx, fg sil host rock, 4% frc fg py, non mag	A20-05036	9.920
67224	523739	5362089	Trench	2020	Fg sil, weak per hem alt, non mag, equigranular, mottled textures, 1% diss py, no visible qv, over all med grey colour	A20-05036	0.025
67225	523739	5362090	Trench	2020	Fg sil, weak per hem alt, non mag, equigranular, mottled textures, 1% diss py, no visible qv, over all med grey colour	A20-05036	0.026
67226	523739	5362090	Trench	2020	Mg sy, highly sil, band of finer grained similar mineralogy, 0.5cm qv, weak per hem alt, chlorite alt veins within finer grain band along with biotite 3mm long	A20-05036	0.003
67227	523742	5362093	Trench	2020	Relatively unalt mg sy, tr diss py, poss qz diorite, str mag, weak per hem alt	A20-05036	0.003
67228	523743	5362090	Trench	2020	Qv bx, mg sy, 3% fg to mg py, rusty, non mag	A20-05036	0.200
67229	523728	5362071	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05337	0.982
67230	523728	5362071	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05337	0.826
67231	523728	5362070	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05337	2.610
67232	523727	5362070	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05337	0.354
67401	523705	5362055	Trench	2020	Unalt fg sy, non mag.	A20-05036	0.003
67402	523715	5362057	Trench	2020	Alt sy, cg, coarse gr py, rusty, str mag	A20-05036	1.300
67403	523716	5362056	Trench	2020	East west str sheared, fg sy, 2% diss fg py, non mag	A20-05036	0.003
67404	523717	5362058	Trench	2020	Alt sy, cg, coarse gr py, rusty, str mag	A20-05036	105.000

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67405	523718	5362058	Trench	2020	Qv, rusty, 2% fg py, white qz, non mag	A20-05036	20.000
67406	523719	5362058	Trench	2020	Qv, rusty, 2% fg py, white qz, non mag	A20-05036	0.219
67407	523720	5362058	Trench	2020	Qv, rusty, 4% fg py, white qz, non mag, fg maf host rock, poss dike	A20-05036	0.303
67408	523720	5362059	Trench	2020	Maf sy, 5% qv, 2% cg py, str mag	A20-05036	0.433
67409	523720	5362062	Trench	2020	Cg sy, no vis sulf, str mag	A20-05036	0.027
67410	523724	5362063	Trench	2020	Qv, white to clear, mod rust, no vis sulf, non mag	A20-05036	0.607
67411	523721	5362065	Trench	2020	Fg maf, 5% qv, mod hem alt, non mag, poss feld por dike, 4% fg diss py, feld pheno up to 2mm	A20-05036	0.252
67412	523722	5362068	Trench	2020	Qv bx, rusty, hem alt, 3% fg py, 2% cg spec hem, non mag	A20-05036	0.263
67413	523724	5362066	Trench	2020	Highly sil maf, str ox/rusty, 3% mg py, non mag	A20-05036	1.950
67414	523723	5362069	Trench	2020	Qv white to clear, rusty, 2% py, 1% spec hem, non mag	A20-05036	0.138
67415	523725	5362070	Trench	2020	Fg maf, euhedral qz xlls-vug, str hem alt, mod mag	A20-05036	0.172
67416	523726	5362074	Trench	2020	Fg sy, str ox, spec hem veinlets, non mag, tr fg py	A20-05036	0.765
67417	523728	5362073	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05036	3.160
67418	523727	5362072	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag	A20-05036	3.090
67419	523727	5362074	Trench	2020	Mg sy, 3% diss fg py, rusty, euh qz xlls, str hem alt-pink, non mag, some unalt sections	A20-05036	1.250
67420	523730	5362077	Trench	2020	Cg sy, siliceous, weak oxidation, stro mag, 1% py along rusty frac	A20-05036	0.548
67421	523720	5362062	Trench	2020	Qv bx, mod hem alt along vein contacts, tr py, non mag	A20-05036	0.029
67422	523721	5362063	Trench	2020	Fg str siliceous, sy, equigranular, mottled texture, grains 2mm, sections of k-alt feld patches, str fe-carb rind, rusty, non mag	A20-05036	0.034
67423	523722	5362062	Trench	2020	Qv bx, 2% py, 1% spec hem, wk mag	A20-05036	0.302
67424	523723	5362062	Trench	2020	Qv white, trace py assos with internal fract-vug, non mag	A20-05036	1.110
67425	523723	5362064	Trench	2020	3cm qv, vugs, clear to white, mg sy, 3% frc py, non mag	A20-05036	0.096
67426	523721	5362058	Trench	2020	2cm qv clear to white, mg sy, str sil, mod hem alt, 2% diss py, str fe carb rind, local str mag	A20-05036	0.544
67427	523720	5362064	Trench	2020	Weakly hem alt mg sy, str mag, trace diss py	A20-05036	0.057
67428	523721	5362063	Trench	2020	White qv, tr py along rusty internal fract, non mag	A20-05036	0.034
67429	523722	5362065	Trench	2020	Mg sy, str sil, wk pervasive hem alt, 1% diss py, non mag, fe carb rind	A20-05036	0.410
67430	523722	5362072	Trench	2020	Qv bx, mod per hem alt, 2% frc py, non mag	A20-05036	0.238
67431	523722	5362066	Trench	2020	Mg sy, wk per k-hem alt, str mag, tr diss py	A20-05036	0.216

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67432	523723	5362068	Trench	2020	Mg sy, mod per k-hem alt, 1% diss py, mod mag, poss fg fel dikelet	A20-05036	0.003
67433	523725	5362065	Trench	2020	Mg sy, mod per hem alt, 1 cm qv, 2% mg euh py, wk mag	A20-05036	3.820
67434	523726	5362065	Trench	2020	Mg sy, wk per hem alt, 1% diss py, str mag	A20-05036	0.037
67435	523727	5362066	Trench	2020	Mg sy, tr diss py, wk per hem alt, str mag	A20-05036	0.003
67436	523728	5362066	Trench	2020	Mg sy, tr diss py, wk per hem alt, str mag	A20-05036	0.005
67437	523727	5362068	Trench	2020	Str ox fg sy, 0.5cm qv, 2% diss py, spec hem	A20-05036	0.728
67438	523726	5362066	Trench	2020	Str ox fg sy, 0.5cm qv, 2% diss py	A20-05036	0.021
67439	523726	5362066	Trench	2020	Qv clear to white, tr diss py	A20-05036	0.260
67440	523725	5362068	Trench	2020	Mg sy, rusty, 1% diss py, 0.5cm qv, non mag	A20-05036	1.770
67441	523726	5362068	Trench	2020	Qv bx white to clear, rusty, 1% py	A20-05036	1.120
67442	523727	5362068	Trench	2020	Qv bx distinct pink k/hem alt, 2% diss py, mg sy, rusty, non mag	A20-05036	15.600
67443	523728	5362068	Trench	2020	Qv bx distinct pink k/hem alt, 2% diss py, mg sy, rusty, non mag	A20-05036	1.350
67444	523730	5362074	Trench	2020	Qv bx distinct pink k/hem alt, 2% diss py, mg sy, rusty, non mag	A20-05036	0.913
67445	523730	5362074	Trench	2020	Qv bx distinct pink k/hem alt, 2% diss py, mg sy, rusty, non mag	A20-05036	0.805
67446	523731	5362074	Trench	2020	Qv bx distinct pink k/hem alt, 2% diss py, mg sy, rusty, non mag, coarse py	A20-05036	3.700
67447	523729	5362076	Trench	2020	Mg sy, mod per hem alt, tr diss py, str mag	A20-05036	0.089
67448	523731	5362077	Trench	2020	Fg mafic, poss dike, patchy hem alt, 1cm qv, 2% diss py, spec hem, non mag	A20-05036	0.047
67449	523728	5362078	Trench	2020	Mg sy, weak per hem alt, tr diss py, str mag, coarse magnetite	A20-05036	4.170
67450	523729	5362078	Trench	2020	Mg sy, weak per hem alt, tr diss py, str mag	A20-05036	0.018
B584201	523145	5356863	Rock	2020	2 cm qtz vein, porphyry	TM20243035	0.003
B584202	522347	5357620	Rock	2020	quartz vein in mafic	TM20243035	0.008
B584203	522349	5357660	Rock	2020	oxidized qtz vein, mafic	TM20243035	0.003
B584204	522400	5357596	Rock	2020	50 cm qtz. Vein,	TM20243035	0.003
B584205	522467	5357576	Rock	2020	schistose mafic, oxidized 2% py	TM20243035	0.005
B584206	522480	5357503	Rock	2020	schistose mafic, oxidized 2% py	TM20243035	0.005
B584207	522486	5357587	Rock	2020	silicified mafic shear 5% py	TM20243035	0.005
B584208	522508	5357664	Rock	2020	mafic fine grained foliated 2% py	TM20243035	0.003
B584209	522466	5357556	Rock	2020	gabbro 5-10% qtz veined, 1% cpy	TM20243035	0.003
B584210	522593	5357320	Rock	2020	qtz vein 10% py	TM20243035	0.018
B584211	523046	5358400	Rock	2020	2.5% py in quartz vein, ultra mafic	TM20243035	0.005
B584212	523081	5358425	Rock	2020	2-3 cm qtz vein iron stained mafic's	TM20243035	0.003
B584213	523085	5358583	Rock	2020	iron stained mafic with 10 cm qtz vein	TM20243035	0.009
B584214	523085	5353920	Rock	2020	iron stained mafic with 10 cm qtz vein	TM20243035	0.133
B584215	523605	5360033	Rock	2020	3 x .5 cm qtz veins in mafic	TM20243035	0.003
B584216	523167	5358405	Rock	2020	1/2 cm qtz vein in diorite 1% py	TM20243035	0.003

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B584217	523630	5359560	Rock	2020	2 cm qtz vein in mafic	TM20243035	0.003
B584218	523610	5360036	Rock	2020	qtz vein in mafic	TM20243035	0.003
B584219	523816	5360103	Rock	2020	gabbro?? With 20 cm syenite dyke	TM20243035	0.003
B584220	526613	5360042	Rock	2020	syenite, qtz vein	TM20246311	0.093
B584221	526615	5360038	Rock	2020	syenite, qtz vein	TM20246311	0.009
B584301	526301	5360413	Rock	2020	White quartz vein with 10% sheared Mafic volcanic wallrock. 0.5-1%, f.gr. Dissemianted py on vein margins and vein sevage in the wallrock.	TM20229563	0.114
B584302	526301	5360413	Rock	2020	sigmoid type quartz-ankerite veins with 1-3%, f.gr. Disseminated py	TM20229563	2.210
B584303	526301	5360413	Rock	2020	mafic volcanic with moderate to strong ankerite matrix and 1-3% dissem py	TM20229563	0.116
B584304	526301	5360413	Rock	2020	50/50 sheared mafic volcanic with weak chlorite and 1-2% dissem py; and quart vein with 2-3% dissem py.	TM20229563	0.122
B584305	523729	5362083	Rock	2020	Moderate hematite (red) altered Syenite with 2cm quartz vein, 4% m.gr. Dissem py.	TM20229563	27.400
B584306	523738	5362087	Rock	2020	Moderate hematite (red) altered Syenite with 2-3%, 5mm, clear quartz veins, 4% f.gr. Dissem py in veins and syenite. Specular (black), along quartz vein contacts.	TM20229563	3.430
B584307	523727	5362068	Rock	2020	Quartz vein breccia with distinct, pink K-spar and moderate hematite (red) alteration in a m.gr syenite with 2% dissem py.	TM20229563	0.700
B584451	526295	5360429	Rock	2020	70 cm chip sample qtz. Vein 3-4% py on margins, zone in middle of vein 4-6 cm wide 8-10% pyrite	TM20229563	1.330
B584452	526247	5360479	Rock	2020	outcrop mafic, fine grained, silvery py in 1 mm veinlets and disseminations	TM20229563	0.003
B584453	523839	5362361	Rock	2020	diabase boulders, 2-3% py	TM20229563	0.010
B584454	523484	5361888	Rock	2020	orange syenite/buff syenite contact magnetite and hematite	TM20229563	0.020
B584455	523069	5356810	Rock	2020	shear 150/82, grab sample was taken	TM20243035	0.025
B584456	523158	5356861	Rock	2020	composite chip mafic chloritic, qtz vein 2% py	TM20243035	0.003
B584457	523150	5356870	Rock	2020	qtz comp grab taken, trenched unit, 108/62	TM20243035	0.003
B584458	523172	5356811	Rock	2020	grab old pit 1-2% pyrite	TM20243035	0.068
B584459	523161	5356821	Rock	2020	outcrop 40-50% pyrite minor qtz veins, grab	TM20243035	0.020
B584460	523150	5356833	Rock	2020	Rep piece taken, outcrop was a mafic volc, with pyrite at cleavage	TM20243035	0.065
B584461	523147	5356828	Rock	2020	massive unit, no fol, vein or dyke likely carb, qtz stringers 1-2mm wide, epidote stringers 1mm.	TM20243035	0.003
B584462	523483	5357115	Rock	2020	mafic outcrop, weak chl alt, rust staining on surface near historical trench. rusty wall rock next to qtz vein, 10-20% pyrite locally, sample is 15% qtz (BM)	TM20243035	26.900

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B584463	523487	5357114	Rock	2020	mafic, weak chl alt, rust staining, sample was taken from trench, inferred strike 290, high mag in rock near mineralization zone, high py 10-20% near vein.	TM20243035	15.700
B584464	523488	5357103	Rock	2020	qtz comp vein sample taken, mineralization is strongest at qtz vein margins, nearby qtz stringers have weaker min, prev channel sampling was done in area	TM20243035	0.134
B584465	523488	5357086	Rock	2020	quartz vein 7 cm rusty, 2% pyrite	TM20243035	0.311
B584466	523493	5357081	Rock	2020	mafic unit, with pyr stringers and qtz stringers abundant. Pyr in stringers is fine grained and diss. Pyr in matrix is euhedral-subhedral	TM20243035	0.020
B584467	523540	5357054	Rock	2020	mafic shear zone,rusty brown weathered surface, chlorite al, qtz veins 10-15mm wide strike 290,carb veins cross cutting at 328, .5% subhedral pyr in matrix,	TM20243035	0.003
B584468	523536	5357055	Rock	2020	south of prev entry, qtz veins with epidote, fg-med grain pyr in qtz stringers. Massive blebby pyr in matrix. mm size qtz stringers mafic wall has pyrite, 2%, composite chip (BM)	TM20243035	0.012
B584469	523533	5357050	Rock	2020	pyr is fg diss through mafic schist; mm size qtz stringers mafic wall has pyrite, 2%, composite chip (BM)	TM20243035	0.008
B584470	523055	5358416	Rock	2020	altered mafic with quartz stringers 1-3 mm in width, 1-2% disseminated pyrite	TM20243035	0.003
B584471	523051	5358420	Rock	2020	altered mafic with quartz stringers 1-3 mm in width, 1-2% disseminated pyrite	TM20243035	0.003
B584472	523079	5358387	Rock	2020	7cm qtz vein in highly fractured ground. Host is mafic, highly silicified w/ qtz stringers throughout. Possible actinolite. 5 cm qtz vein, less 1% pyrite (BM)	TM20243035	0.013
B584473	523129	5358423	Rock	2020	7cm qtz vein in highly fractured ground. Host is mafic, highly silicified w/ qtz stringers throughout. Possible actinolite. silicified mafic 10 cm qtz vein, 2-3% py (BM)	TM20243035	0.003
B584474	523127	5358424	Rock	2020	same location as 473 ,5 meter away, different vein 2-3% pyrite	TM20243035	0.003
B584475	523671	5360191	Rock	2020	contact diorite, with 4-5cm vein calcopyrite 3-4%	TM20243035	0.003
B584476	526298	5360039	Rock	2020	mafic volcanics, highly foliated, 300/50 (shear zone) fg pyr 1.5% along the foliation. 1-2mm qtz stringers cross cut foliation	TM20243035	0.003
B584477	526482	5360120	Rock	2020	felsic dyke syenite or granitic (qtz is present) unit is silicified, qtz veins. Pyr min is eudral-subhedral and disseminated 1-2%, looks like E01.	TM20243035	0.495
B584478	526485	5360118	Rock	2020	felsic dyke syenite or granitic (qtz is present) unit is silicified, qtz veins. Pyr min is eudral-subhedral and disseminated 1-2%, looks like E01.	TM20243035	0.139

Sample ID	Easting	Northing	Type	Year	Description	Certificate Number	Au (g/t)
B584479	526491	5360172	Rock	2020	qtz veins, rust stained on surface of mafics, pyr 15-20% in mafics, banding (red/grey) hem? in the mafics weak mag,	TM20243035	0.095
B584480	526473	5360144	Rock	2020	syenite intrusive, qtz veins 5-10mm wide, 8mm fracture offset of veins	TM20243035	0.102
B584481	526499	5360166	Rock	2020	qtz vein 3 meters wide minor pyrite	TM20243035	0.291
B584482	526607	5360077	Rock	2020	composite sample of muck pile from old pit, py cpy observed	TM20246311	1.485
B584483	526472	5360187	Rock	2020	mafic chlorititic 3% py	TM20246311	4.010
B584484	526609	5360043	Rock	2020	syenite unit, with qtz stockwork 1-3mm wide. Oxidation patches on surface. 1-2% pyr euhedral and diss.	TM20246311	0.354
B584485	526603	5360057	Rock	2020	same unit as prev. more magnetite in this sample, pyr is more blebby and is subhedral	TM20246311	0.090
B584486	526598	5360039	Rock	2020	same as previous, becoming increasingly oxidized at surface. Pyr is blebby and moer massive, more hem staining.	TM20246311	0.170
B584487	526609	5359999	Rock	2020	Mafic Volcanic o/c	TM20246311	0.003
B584488	526598	5359963	Rock	2020	Sample hosts 1-3% fg-mg, blebby py along S0-S1 planes; rust along fractures	TM20246311	0.005

Appendix 4: ActLabs and ALS Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Jul-19
Invoice No.: A19-09402
Invoice Date: 26-Jul-19
Your Reference: EGAN

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins Au - Fire Assay AA

REPORT **A19-09402**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A-1	18
A-2	< 5
A-3	9
A-4	< 5
A-5	< 5
A-6	6
A-7	< 5
A-8	< 5
A-9	< 5
A-10	< 5
A-11	< 5
A-12	< 5
A-13	< 5
A-14	< 5
A-15	7
A-16	< 5
A-17	9
A-18	10
A-19	14
A-20	< 5
A-21	< 5
A-22	< 5
A-23	< 5
A-24	< 5
A-25	6
A-26	6
A-27	< 5
A-28	< 5
A-29	< 5
A-30	< 5
A-31	< 5
A-32	< 5
A-33	< 5
A-34	< 5
A-35	< 5
A-36	< 5
A-37	6
A-38	< 5
A-39	5
A-40	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1070
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1110
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1100
Oreas 221 (Fire Assay) Cert	1060
A-10 Orig	< 5
A-10 Dup	6
A-20 Orig	< 5
A-20 Dup	< 5
A-31 Orig	< 5
A-31 Dup	< 5
Method Blank	< 5
Method Blank	5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 23-Jul-19
Invoice No.: A19-09566
Invoice Date: 29-Jul-19
Your Reference: July 23/19

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins Au - Fire Assay AA

REPORT **A19-09566**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
67251	356
67252	57
67253	32
67254	10
67255	28
67351	510
67352	719
67353	1790
67354	8
67355	10
67356	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1030
Oreas 221 (Fire Assay) Cert	1060
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 20-Aug-19
Invoice No.: A19-10964
Invoice Date: 29-Aug-19
Your Reference: August 20/19

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins (10g/m t) QOP AA-Au (Au - Fire Assay AA)
Code 1A3-Timmins QOP AA-Au (Au - Fire Assay Gravimetric)

REPORT **A19-10964**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
67256	0.549	
67257	0.039	
67258	0.234	
67259	0.490	
67260	5.78	
67261	1.35	
67262	0.336	
67263	0.007	
67264	> 10.0	19.3
67265	0.023	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
SN75 Meas		8.46
SN75 Cert		8.67
OREAS 257 Meas		14.3
OREAS 257 Cert		14.18
Oreas 221 (Fire Assay) Meas	1.07	
Oreas 221 (Fire Assay) Cert	1.06	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank		< 0.03

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11629
Invoice Date: 09-Sep-19
Your Reference: September 03/19

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

14 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Timmins (10g/m t) QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11629**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
67266	1.30
67267	0.389
67268	1.24
67269	0.201
67270	1.79
67271	0.465
67272	0.243
67273	0.428
67274	0.010
67275	2.52
67276	1.09
67277	0.455
67278	0.010
67279	1.91

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1.07
Oreas 221 (Fire Assay) Cert	1.06
67275 Orig	2.51
67275 Dup	2.52
Method Blank	< 0.005
Method Blank	< 0.005

Quality Analysis ... *Innovative Technologies*

Date Submitted: 18-Sep-19
Invoice No.: A19-12694
Invoice Date: 08-Oct-19
Your Reference: Sept 18/19

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

26 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2019-09-30 10:11:23
1A3-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2019-10-01 11:23:35

REPORT **A19-12694**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Total includes all elements in % oxide to the left of total. Values above the upper limit should be assayed for most accurate values.

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

Footnote: INAA data may be suppressed due high concentrations of some analytes.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 18-Sep-19
Invoice No.: A19-12694
Invoice Date: 08-Oct-19
Your Reference: Sept 18/19

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

26 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
4C (1-10)	QOP XRF Fusion (Whole Rock Analysis-XRF)	2019-09-25 13:16:08
4E-Expl (1-10)	QOP INAAGEO/QOP WRA/QOP Total (INAA/Major Elements Fusion ICPOES/Total Digestion ICPOES)	2019-09-24 08:08:36
UT-3	QOP INAAGEO/QOP Total/QOP Ultratrace- 4acid Digest/(INAA/Total Digestion ICPOES/ICPMS)	2019-10-01 10:15:57

REPORT **A19-12694**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Total includes all elements in % oxide to the left of total. Values above the upper limit should be assayed for most accurate values.

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

Footnote: INAA data may be suppressed due high concentrations of some analytes.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
67280	> 10.0																						
67281	0.026																						
67282	1.12																						
67283	0.190																						
67284	> 10.0																						
67285	6.54																						
67286	1.66																						
67287	0.680																						
67288	0.345																						
67289	0.369																						
67290	0.088																						
67291	1.12																						
67293	3.74																						
67294	0.086																						
67295	1.23																						
67301	0.005																						
67302	< 0.005																						
67303	< 0.005																						
67304	< 0.005																						
67305	0.013																						
67306	0.011																						
67307	< 0.005																						
67308	< 0.005																						
67309	< 0.005																						
67310	< 0.005																	70.78	12.97	3.06	0.06	1.99	1.87
67311	< 0.005	0.006	0.009	0.005	50.40	13.06	15.73	0.270	6.78	8.02	3.26	0.34	1.33	0.09	0.01	0.071	100.2	51.81	13.13	15.29	0.26	6.60	7.93

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Total	Au	Ag	As	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Mo	Ni	Pb
Unit Symbol	%	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.005	0.01		0.01	5	0.5	2	3	1	2	1	0.5	1	1	0.5	1	0.5	1	2	1	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSICP	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP
67280																							
67281																							
67282																							
67283																							
67284																							
67285																							
67286																							
67287																							
67288																							
67289																							
67290																							
67291																							
67293																							
67294																							
67295																							
67301																							
67302																							
67303																							
67304																							
67305																							
67306																							
67307																							
67308																							
67309																							
67310	5.14	2.89	0.198	0.09	0.87	99.92	< 5	< 0.5	< 2	1230	2	< 2	< 1	< 0.5	10	110	< 0.5	4	2.6	< 1	< 2	41	8
67311	3.21	0.34	1.354	0.09	0.85	100.9	< 5	< 0.5	< 2	61	< 1	< 2	< 1	< 0.5	53	103	< 0.5	74	0.7	< 1	< 2	58	< 5

Analyte Symbol	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Yb	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
Lower Limit	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.1	2	0.05	0.2
Method Code	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	MULT INAA/TD-ICP/TD-MS	MULT TD-ICP/TD-ICP-MS
67280																							
67281																							
67282																							
67283																							
67284																							
67285																							
67286																							
67287																							
67288																							
67289																							
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67293																							
67294																							
67295																							
67301																							
67302																							
67303																							
67304																							
67305																							
67306																							
67307																							
67308																							
67309																							
67310	30	0.004	< 0.2	4.2	< 3	354	< 1	4.8	< 0.5	41	< 3	6	44	75	15.2	37	10	2.8	0.6	< 0.1	< 2	< 0.05	5.4
67311	< 20	0.121	< 0.2	46.9	< 3	147	< 1	< 0.5	< 0.5	418	< 3	22	99	53	2.3	6	< 5	2.3	0.5	2.8	< 2	< 0.05	74.4

Analyte Symbol	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Ga	Ge	Hg	In
Unit Symbol	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.1	1	0.5	0.5	0.5	0.01	0.01	0.5	1	0.1	0.1	0.5	0.01	0.1	1	0.05	0.2	0.01	0.1	0.1	0.1	10	0.1
Method Code	MULT TD-ICP/TD-ICP-MS	TD-ICP	MULT TD-ICP/TD-ICP-MS	MULT INAA/TD-ICP/TD-MS	MULT INAA/TD-ICP/TD-MS	TD-ICP	TD-ICP	INAA	MULT INAA/TD-ICP-MS	MULT TD-ICP/TD-ICP-MS	MULT TD-ICP/TD-ICP-MS	INAA	TD-ICP	MULT INAA/TD-ICP-MS	MULT INAA/TD-ICP-MS	MULT INAA/TD-ICP-MS	INAA	INAA	MULT INAA/TD-ICP-MS	TD-MS	TD-MS	TD-MS	TD-MS
67280																							
67281																							
67282																							
67283																							
67284																							
67285																							
67286																							
67287																							
67288																							
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67291																							
67293																							
67294																							
67295																							
67301																							
67302																							
67303																							
67304																							
67305																							
67306																							
67307																							
67308																							
67309																							
67310	< 0.1	2	9.6	38.6	37.0	< 0.01	7.03	< 0.5	786	2.1	0.5	< 0.5	1.38	8.5	78	1.19	0.3	2.11	2.3	13.6	0.1	40	< 0.1
67311	0.1	1	0.9	60.8	105	0.12	6.62	< 0.5	52	0.4	< 0.1	< 0.5	5.17	53.7	71	0.26	0.6	10.3	0.7	16.5	0.5	40	< 0.1

Analyte Symbol	Ir	K	Li	Mg	Mn	Nb	Na	P	Rb	Re	Sb	Se	Sn	Sr	Ta	Te	Tb	Ti	Th	Tl	V	U	W
Unit Symbol	ppb	%	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	0.5	0.01	1	0.1	0.01	0.001	0.2	0.001	0.1	0.1	1	0.2	0.1	0.1	0.5	0.01	0.1	0.05	2	0.1	1
Method Code	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA	TD-ICP	MULT INAA/TD-ICP-MS	TD-MS	INAA	MULT INAA/TD-ICP-MS	TD-MS	TD-MS	MULT INAA/TD-ICP-MS	TD-MS	INAA	TD-ICP	MULT INAA/TD-ICP-MS	TD-MS	TD-ICP	MULT INAA/TD-ICP-MS	INAA
67280																							
67281																							
67282																							
67283																							
67284																							
67285																							
67286																							
67287																							
67288																							
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67290																							
67291																							
67293																							
67294																							
67295																							
67301																							
67302																							
67303																							
67304																							
67305																							
67306																							
67307																							
67308																							
67309																							
67310	< 5	2.44	11.6	1.26	461	3.0	3.75	0.040	60.2	0.001	< 0.1	< 0.1	< 1	345	0.2	< 0.1	< 0.5	0.12	4.7	0.39	41	1.2	< 1
67311	< 5	0.30	9.6	3.75	1850	0.2	2.29	0.028	11.6	0.005	< 0.1	< 0.1	< 1	139	< 0.1	< 0.1	< 0.5	0.34	0.3	0.06	210	< 0.1	< 1

Analyte Symbol	Y	Zr	La	La	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
67280																					15.3
67281																					
67282																					
67283																					
67284																					16.6
67285																					
67286																					
67287																					
67288																					
67289																					
67290																					
67291																					
67293																					
67294																					
67295																					
67301																					
67302																					
67303																					
67304																					
67305																					
67306																					
67307																					
67308																					
67309																					
67310	5.6	82	14.1	16.4	33.4	3.9	14.8	3.3	0.76	1.8	1.2	0.2	0.2	0.4	< 0.1	0.5	0.3	< 0.1	< 0.05	33.1	
67311	23.2	21	2.3	2.5	7.3	1.3	7.2	2.5	0.82	3.0	4.1	0.6	0.8	2.5	0.4	2.7	2.4	0.4	0.14	35.4	

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
NIST 694 Meas																		11.11	1.91	0.73	0.01	0.35	42.89
NIST 694 Cert																		11.2	1.80	0.790	0.0116	0.330	43.6
DNC-1 Meas																		47.47	18.65	9.83	0.15	9.97	11.40
DNC-1 Cert																		47.15	18.34	9.97	0.150	10.13	11.49
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
BE-N Meas		0.009	0.010	0.030	38.68	10.16	13.12	0.205	13.23	14.16	3.21	1.36	2.70	1.07	0.05	0.039							
BE-N Cert		0.008	0.009	0.034	38.2	10.1	12.8	0.200	13.1	13.9	3.18	1.39	2.61	1.05	0.0500	0.042							
AC-E Meas					70.14	14.67	2.53	0.058	0.05	0.38	6.74	4.48	0.11										
AC-E Cert					70.35	14.70	2.56	0.058	0.03	0.34	6.54	4.49	0.11										
DR-N Meas					53.22	17.64	9.74	0.215	4.36	7.05	3.01	1.71	1.07	0.23									
DR-N Cert					52.85	17.52	9.70	0.220	4.40	7.05	2.99	1.70	1.09	0.25									
W-2a Meas																		53.23	15.36	10.77	0.17	6.27	11.04
W-2a Cert																		52.4	15.4	10.7	0.163	6.37	10.9
SY-4 Meas																		50.65	20.68	6.22	0.11	0.51	8.08
SY-4 Cert																		49.9	20.69	6.21	0.108	0.54	8.05
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas					48.15	15.76	11.76	0.181	9.86	13.51	1.83	0.02	0.98	0.03				48.29	15.67	11.46	0.17	9.63	13.56
BIR-1a Cert					47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021				47.96	15.50	11.30	0.175	9.700	13.30
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4																							

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d																							

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas	0.844																						
OREAS 220 (Fire Assay) Cert	0.866																						
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
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OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4																							

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
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OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 254 Meas	2.63																						
OREAS 254 Cert	2.55																						
DMMAS 122b Meas																							
DMMAS 122b Cert																							
67289 Orig	0.378																						
67289 Dup	0.360																						
67305 Orig	0.011																						
67305 Dup	0.015																						
67311 Orig		0.007	0.010	0.005	50.57	13.15	15.85	0.269	6.83	8.07	3.29	0.34	1.33	0.09	0.01	0.072	100.7						
67311 Dup		0.005	0.008	0.006	50.22	12.97	15.60	0.270	6.74	7.97	3.23	0.35	1.32	0.09	0.01	0.070	99.74						
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Au	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	Total	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO
Unit Symbol	g/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	FA-AA	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
Method Blank																							
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Method Blank																							
Method Blank																		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Method Blank																							
Method Blank																							
Method Blank		< 0.005	< 0.005	< 0.003	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003							
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank																							
Method Blank																							

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Au	Ag	Ag	As	Ba	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Ir	Mo
Unit Symbol	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.01	0.01	0.005	0.01		5	0.5	5	2	2	50	1	2	1	0.5	1	1	0.5	1	0.5	1	5	2
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	INAA	TD-ICP	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP
NIST 694 Meas	0.87	0.56	0.118	30.22																			
NIST 694 Cert	0.860	0.510	0.110	30.2																			
DNC-1 Meas	1.92	0.23	0.485	0.06						106													
DNC-1 Cert	1.890	0.234	0.480	0.070						118													
SDC-1 Meas																			30				
SDC-1 Cert																			30.000				
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
BE-N Meas																							
BE-N Cert																							
AC-E Meas																							
AC-E Cert																							
DR-N Meas																							
DR-N Cert																							
W-2a Meas	2.24	0.63	1.091	0.13						175		< 1											
W-2a Cert	2.14	0.626	1.06	0.140						182		1.30											
SY-4 Meas	6.98	1.68	0.288	0.12						344		3											
SY-4 Cert	7.10	1.66	0.287	0.131						340		2.6											
Oreas 72a (4 Acid Digest) Meas																			306				
Oreas 72a (4 Acid Digest) Cert																			316				
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																			309				
Oreas 72a (4 Acid Digest) Cert																			316				
BIR-1a Meas	1.82	0.02	0.976	0.01						8		< 1											
BIR-1a Cert	1.82	0.030	0.96	0.021						6		0.58											
OREAS 101b (4 Acid) Meas																							18
OREAS 101b (4 Acid) Cert																							20.1
OREAS 101b (4 Acid) Meas																			420				
OREAS 101b (4 Acid) Cert																			412				
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Au	Ag	Ag	As	Ba	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Ir	Mo
Unit Symbol	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.01	0.01	0.005	0.01		5	0.5	5	2	2	50	1	2	1	0.5	1	1	0.5	1	0.5	1	5	2
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	INAA	TD-ICP	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas																			94				
DNC-1a Cert																			100				
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																			87				
DNC-1a Cert																			100				
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas							0.8												2270				8
OREAS 13b (4-Acid) Cert							0.86												2327.0 000				9.0
OREAS 13b (4-Acid) Meas							0.7																9
OREAS 13b (4-Acid) Cert							0.86																9.0
OREAS 13b (4-Acid) Meas																			2210				
OREAS 13b (4-Acid) Cert																			2327.0 000				
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas							0.5						< 2										3
OREAS 904 (4 ACID) Cert							0.551						4.05										2.12
OREAS 904 (4 ACID) Meas							< 0.5						9						6430				4
OREAS 904 (4 ACID) Cert							0.551						4.05						6120				2.12
OREAS 904 (4 ACID) Meas																			6550				
OREAS 904 (4 ACID) Cert																			6120				
SBC-1 Meas													5		< 0.5				31				5
SBC-1 Cert													0.70		0.40				31.0				2
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas													< 2						364				3
OREAS 45d													0.31						371				2.500

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Au	Ag	Ag	As	Ba	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Ir	Mo
Unit Symbol	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.01	0.01	0.005	0.01		5	0.5	5	2	2	50	1	2	1	0.5	1	1	0.5	1	0.5	1	5	2
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	INAA	TD-ICP	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP
(4-Acid) Cert																							
OREAS 45d (4-Acid) Meas													10										3
OREAS 45d (4-Acid) Cert													0.31										2.500
OREAS 45d (4-Acid) Meas													6						368				3
OREAS 45d (4-Acid) Cert													0.31						371				2.500
OREAS 45d (4-Acid) Meas																			388				
OREAS 45d (4-Acid) Cert																			371				
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 905 (INAA) Meas						417			33		2660					16		7.7		7.1			
OREAS 905 (INAA) Cert						391			36.2		2800					15.3		7.10		7.26			
OREAS 96 (4 Acid) Meas							12.7						24						> 10000				
OREAS 96 (4 Acid) Cert							11.5						26.3						39300				
OREAS 96 (4 Acid) Meas							11.5						9										
OREAS 96 (4 Acid) Cert							11.5						26.3										
OREAS 96 (4 Acid) Meas							11.4						12						> 10000				
OREAS 96 (4 Acid) Cert							11.5						26.3						39300				
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																			> 10000				
OREAS 96 (4 Acid) Cert																			39300				
OREAS 923 (4 Acid) Meas							1.8						12		< 0.5				4650				2
OREAS 923 (4 Acid) Cert							1.60						21.4		0.420				4230				0.930
OREAS 923 (4 Acid) Meas							1.8						15		< 0.5								3
OREAS 923 (4 Acid) Cert							1.60						21.4		0.420								0.930
OREAS 923 (4 Acid) Meas																			4590				
OREAS 923 (4 Acid) Cert																			4230				
OREAS 923 (4 Acid) Meas																							

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Au	Ag	Ag	As	Ba	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Ir	Mo
Unit Symbol	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.01	0.01	0.005	0.01		5	0.5	5	2	2	50	1	2	1	0.5	1	1	0.5	1	0.5	1	5	2
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	INAA	TD-ICP	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas							74.1						< 2		286				3760				15
OREAS 621 (4 Acid) Cert							69.0						3.93		284				3630				13.6
OREAS 621 (4 Acid) Meas							73.8						< 2		287								13
OREAS 621 (4 Acid) Cert							69.0						3.93		284								13.6
OREAS 621 (4 Acid) Meas																			3750				
OREAS 621 (4 Acid) Cert																			3630				
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas							1.5						< 2		0.7								
Oreas 77b (4 Acid Digest) Cert							1.62						3.44		1.20								
Oreas 77b (4 Acid Digest) Meas							1.5						< 2		0.8				2790				
Oreas 77b (4 Acid Digest) Cert							1.62						3.44		1.20				3430				
Oreas 77b (4 Acid Digest) Meas																			2710				
Oreas 77b (4 Acid Digest) Cert																			3430				
OREAS 254 Meas																							
OREAS 254 Cert																							
DMMAS 122b Meas											700												
DMMAS 122b Cert											1260												
67289 Orig																							
67289 Dup																							
67305 Orig																							
67305 Dup																							
67311 Orig					0.83																		
67311 Dup					0.88																		
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank							< 0.5						< 2		< 0.5								2
Method Blank																			< 1				
Method Blank																							
Method Blank							< 0.5						< 2		< 0.5								< 2

Analyte Symbol	Na2O	K2O	TiO2	P2O5	LOI	Au	Ag	Ag	As	Ba	Ba	Be	Bi	Br	Cd	Co	Cr	Cs	Cu	Hf	Hg	Ir	Mo
Unit Symbol	%	%	%	%	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Lower Limit	0.01	0.01	0.005	0.01		5	0.5	5	2	2	50	1	2	1	0.5	1	1	0.5	1	0.5	1	5	2
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	INAA	TD-ICP	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP	INAA	INAA	INAA	TD-ICP
Method Blank																			< 1				
Method Blank																							
Method Blank							< 0.5						< 2		< 0.5								< 2
Method Blank																			< 1				
Method Blank																							
Method Blank																							
Method Blank							< 0.5						< 2		< 0.5								< 2
Method Blank																			< 1				
Method Blank																							
Method Blank							< 0.5						< 2		< 0.5								2
Method Blank																			1				
Method Blank	< 0.01	< 0.01	< 0.005	< 0.01						2		< 1											
Method Blank						< 5		< 5	< 2		< 50			< 1		< 1	< 1	< 0.5		< 0.5	< 1	< 5	
Method Blank								< 5			< 50												
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Ni	Pb	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Tb	Yb
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.5	0.1
Method Code	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NIST 694 Meas												1661											
NIST 694 Cert												1740											
DNC-1 Meas								141				154		15		33							
DNC-1 Cert								144.0				148		18.0		38							
SDC-1 Meas	36	22													105								
SDC-1 Cert	38.0	25.00													103.00								
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
BE-N Meas																							
BE-N Cert																							
AC-E Meas																							
AC-E Cert																							
DR-N Meas																							
DR-N Cert																							
W-2a Meas								191				277		19		83							
W-2a Cert								190				262		24.0		94.0							
SY-4 Meas								1213				6		113		531							
SY-4 Cert								1191				8.0		119		517							
Oreas 72a (4 Acid Digest) Meas	6490			1.66																			
Oreas 72a (4 Acid Digest) Cert	6930.000			1.74																			
Oreas 72a (4 Acid Digest) Meas				1.67																			
Oreas 72a (4 Acid Digest) Cert				1.74																			
Oreas 72a (4 Acid Digest) Meas	6500																						
Oreas 72a (4 Acid Digest) Cert	6930.000																						
BIR-1a Meas								109				340		13		13							
BIR-1a Cert								110				310		16		18							
OREAS 101b (4 Acid) Meas		19																					
OREAS 101b (4 Acid) Cert		23																					
OREAS 101b (4 Acid) Meas	9																						
OREAS 101b (4 Acid) Cert	8.2																						
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							

Analyte Symbol	Ni	Pb	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Tb	Yb
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.5	0.1
Method Code	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas	247	< 5													62								
DNC-1a Cert	247	6.3													70								
DNC-1a Meas		< 5																					
DNC-1a Cert		6.3																					
DNC-1a Meas	240														60								
DNC-1a Cert	247														70								
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas	2110			1.13											117								
OREAS 13b (4-Acid) Cert	2247.0000			1.2											133								
OREAS 13b (4-Acid) Meas				1.02																			
OREAS 13b (4-Acid) Cert				1.2																			
OREAS 13b (4-Acid) Meas	2060														114								
OREAS 13b (4-Acid) Cert	2247.0000														133								
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas		6		0.063																			
OREAS 904 (4 ACID) Cert		10.6		0.0630																			
OREAS 904 (4 ACID) Meas	45	8		0.064											28								
OREAS 904 (4 ACID) Cert	40.1	10.6		0.0630											26.3								
OREAS 904 (4 ACID) Meas	46														27								
OREAS 904 (4 ACID) Cert	40.1														26.3								
SBC-1 Meas	86	32													196								
SBC-1 Cert	83	35.0													186								
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas	237	20		0.043											45								
OREAS 45d	231.0	21.8		0.049											45.7								

Analyte Symbol	Ni	Pb	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Tb	Yb
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.5	0.1
Method Code	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
(4-Acid) Cert																							
OREAS 45d (4-Acid) Meas		15		0.051																			
OREAS 45d (4-Acid) Cert		21.8		0.049																			
OREAS 45d (4-Acid) Meas	237	18		0.049											43								
OREAS 45d (4-Acid) Cert	231.0	21.8		0.049											45.7								
OREAS 45d (4-Acid) Meas	247														43								
OREAS 45d (4-Acid) Cert	231.0														45.7								
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 905 (INAA) Meas			190		2.4				< 1	14.9	5.6		< 3				43.4	95	31	7.9	1.4	< 0.5	< 0.1
OREAS 905 (INAA) Cert			137		1.96				1.38	14.7	5.00		3.02				48.0	96.0	40.5	7.64	1.46	0.810	0.760
OREAS 96 (4 Acid) Meas		95		4.47											453								
OREAS 96 (4 Acid) Cert		101		4.19											457								
OREAS 96 (4 Acid) Meas		96		4.32																			
OREAS 96 (4 Acid) Cert		101		4.19																			
OREAS 96 (4 Acid) Meas		90		4.14											452								
OREAS 96 (4 Acid) Cert		101		4.19											457								
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas															435								
OREAS 96 (4 Acid) Cert															457								
OREAS 923 (4 Acid) Meas	38	83		0.723											350								
OREAS 923 (4 Acid) Cert	35.8	83.0		0.691											345								
OREAS 923 (4 Acid) Meas		84		0.721																			
OREAS 923 (4 Acid) Cert		83.0		0.691																			
OREAS 923 (4 Acid) Meas	38														343								
OREAS 923 (4 Acid) Cert	35.8														345								
OREAS 923 (4 Acid) Meas																							

Analyte Symbol	Ni	Pb	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Tb	Yb
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.5	0.1
Method Code	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	29	> 5000		4.56											> 10000								
OREAS 621 (4 Acid) Cert	26.2	13600		4.48											52200								
OREAS 621 (4 Acid) Meas		> 5000		4.68																			
OREAS 621 (4 Acid) Cert		13600		4.48																			
OREAS 621 (4 Acid) Meas	27														> 10000								
OREAS 621 (4 Acid) Cert	26.2														52200								
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas		63																					
Oreas 77b (4 Acid Digest) Cert		61.0																					
Oreas 77b (4 Acid Digest) Meas	> 10000	64													179								
Oreas 77b (4 Acid Digest) Cert	113000	61.0													205								
Oreas 77b (4 Acid Digest) Meas	> 10000														171								
Oreas 77b (4 Acid Digest) Cert	113000														205								
OREAS 254 Meas																							
OREAS 254 Cert																							
DMMAS 122b Meas						5.8					10.5							33		2.6			
DMMAS 122b Cert						5.95					11.6							33.0		2.71			
67289 Orig																							
67289 Dup																							
67305 Orig																							
67305 Dup																							
67311 Orig																							
67311 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank		< 5		0.002																			
Method Blank	< 1														< 1								
Method Blank																							
Method Blank		< 5		0.003																			

Analyte Symbol	Ni	Pb	Rb	S	Sb	Sc	Se	Sr	Ta	Th	U	V	W	Y	Zn	Zr	La	Ce	Nd	Sm	Eu	Tb	Yb
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	20	0.001	0.2	0.1	3	2	1	0.5	0.5	5	3	1	1	2	0.2	3	5	0.1	0.1	0.5	0.1
Method Code	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	FUS-ICP	INAA	INAA	INAA	FUS-ICP	INAA	FUS-ICP	TD-ICP	FUS-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank	< 1														< 1								
Method Blank																							
Method Blank		< 5		0.004																			
Method Blank	< 1														< 1								
Method Blank																							
Method Blank																							
Method Blank		< 5		0.004																			
Method Blank	< 1														< 1								
Method Blank																							
Method Blank		< 5		0.006																			
Method Blank	< 1														< 1								
Method Blank								< 2				< 5		< 1		2							
Method Blank			< 20		< 0.2	< 0.1	< 3		< 1	< 0.5	< 0.5		< 3				< 0.2	< 3	< 5	< 0.1	< 0.1	< 0.5	< 0.1
Method Blank						< 0.1	< 3				< 0.5							< 3	< 5	< 0.1			
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Lu	Mass	Au	Ag	Ag	Cu	Cd	Cd	Mo	Pb	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Be	Bi	Bi
Unit Symbol	ppm	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05		2	0.05	0.3	0.2	0.1	0.3	1	0.5	3	0.5	20	0.5	50	0.01	0.01	0.5	1	0.1	1	0.02	2
Method Code	INAA	INAA	INAA	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-ICP	INAA	TD-MS	TD-MS	TD-ICP	TD-MS	TD-ICP
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
SDC-1 Meas						32.4				24.5		34.1		108					586	2.9			
SDC-1 Cert						30.000				25.00		38.0		103.00					630	3.00			
SDC-1 Meas						34.5				24.3		34.2		109					616	2.9			
SDC-1 Cert						30.000				25.00		38.0		103.00					630	3.00			
SDC-1 Meas						30.6				25.9		34.0		106					593	2.9			
SDC-1 Cert						30.000				25.00		38.0		103.00					630	3.00			
SDC-1 Meas						33.2				25.4		37.3		119					614	2.8			
SDC-1 Cert						30.000				25.00		38.0		103.00					630	3.00			
BE-N Meas																							
BE-N Cert																							
AC-E Meas																							
AC-E Cert																							
DR-N Meas																							
DR-N Cert																							
W-2a Meas																							
W-2a Cert																							
SY-4 Meas																							
SY-4 Cert																							
Oreas 72a (4 Acid Digest) Meas																1.67							
Oreas 72a (4 Acid Digest) Cert																1.74							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas																							
BIR-1a Cert																							
OREAS 101b (4 Acid) Meas									18		19												
OREAS 101b (4 Acid) Cert									20.1		23												
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas				44.1		> 10000				320				1420								90.8	
OREAS 98 (4 Acid) Cert				45.1		14800 0.0				345				1360								97.2	
OREAS 98 (4 Acid) Meas				41.0		> 10000				310				1440								76.0	
OREAS 98 (4 Acid) Cert				45.1		14800 0.0				345				1360								97.2	
OREAS 98 (4 Acid) Meas				44.4		> 10000				305				1540								76.1	
OREAS 98 (4				45.1		14800				345				1360								97.2	

Analyte Symbol	Lu	Mass	Au	Ag	Ag	Cu	Cd	Cd	Mo	Pb	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Be	Bi	Bi
Unit Symbol	ppm	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05		2	0.05	0.3	0.2	0.1	0.3	1	0.5	3	0.5	20	0.5	50	0.01	0.01	0.5	1	0.1	1	0.02	2
Method Code	INAA	INAA	INAA	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-ICP	INAA	TD-MS	TD-MS	TD-ICP	TD-MS	TD-ICP
Acid) Cert						0.0																	
OREAS 98 (4 Acid) Meas				45.5		> 10000				332				1340								91.0	
OREAS 98 (4 Acid) Cert				45.1		14800 0.0				345				1360								97.2	
DNC-1a Meas						101				5.8	< 3	273		62.0					98				
DNC-1a Cert						100				6.3	6.3	247		70					118				
DNC-1a Meas						102				5.8		269		62.6					96				
DNC-1a Cert						100				6.3		247		70					118				
DNC-1a Meas						113				6.0		275		66.0					100				
DNC-1a Cert						100				6.3		247		70					118				
DNC-1a Meas						105				6.5		291		70.5					102				
DNC-1a Cert						100				6.3		247		70					118				
DNC-1a Meas						107				6.8		288		72.5					103				
DNC-1a Cert						100				6.3		247		70					118				
OREAS 13b (4-Acid) Meas				0.82	0.7	2250			9			2260		128		1.02							
OREAS 13b (4-Acid) Cert				0.86	0.86	2327.0 000			9.0			2247.0 000		133		1.2							
OREAS 13b (4-Acid) Meas				0.84		2000						1930		113									
OREAS 13b (4-Acid) Cert				0.86		2327.0 000						2247.0 000		133									
OREAS 13b (4-Acid) Meas				0.91		2200						2210		125									
OREAS 13b (4-Acid) Cert				0.86		2327.0 000						2247.0 000		133									
OREAS 13b (4-Acid) Meas				0.99		2170						2120		117									
OREAS 13b (4-Acid) Cert				0.86		2327.0 000						2247.0 000		133									
OREAS 904 (4 ACID) Meas					0.5				3		6					0.06	6.83				10		< 2
OREAS 904 (4 ACID) Cert					0.551				2.12		10.6					0.0630	6.30				7.86		4.05
OREAS 904 (4 ACID) Meas					0.4				4		8					0.06	6.95				10		9
OREAS 904 (4 ACID) Cert					0.551				2.12		10.6					0.0630	6.30				7.86		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas						33.9	0.4			36.4		87.0		196					724	3.2		0.65	
SBC-1 Cert						31.0	0.40			35.0		82.8		186					788.0	3.20		0.70	
SBC-1 Meas						34.9	0.3			35.8		89.6		202					598	3.4		0.67	
SBC-1 Cert						31.0	0.40			35.0		82.8		186					788.0	3.20		0.70	
SBC-1 Meas						31.4	0.3			35.5		85.5		187					686	3.0		0.57	
SBC-1 Cert						31.0	0.40			35.0		82.8		186					788.0	3.20		0.70	
SBC-1 Meas						32.2	0.4			37.0		92.7		210					730	3.1		0.64	
SBC-1 Cert						31.0	0.40			35.0		82.8		186					788.0	3.20		0.70	
OREAS 45d (4-Acid) Meas						383			3	21.2	15	234		33.5		0.05	8.06		166	0.7	< 1	0.31	10
OREAS 45d (4-Acid) Cert						371			2.500	21.8	21.8	231.0		45.7		0.049	8.150		183.0	0.79	0.79	0.31	0.31
OREAS 45d						369			3	22.7	18	231		34.5		0.05	7.99		176	0.8	< 1	0.32	6

Analyte Symbol	Lu	Mass	Au	Ag	Ag	Cu	Cd	Cd	Mo	Pb	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Be	Bi	Bi
Unit Symbol	ppm	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05		2	0.05	0.3	0.2	0.1	0.3	1	0.5	3	0.5	20	0.5	50	0.01	0.01	0.5	1	0.1	1	0.02	2
Method Code	INAA	INAA	INAA	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-ICP	INAA	TD-MS	TD-MS	TD-ICP	TD-MS	TD-ICP
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert						371			2.500	21.8	21.8	231.0		45.7		0.049	8.150		183.0	0.79	0.79	0.31	0.31
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas				11.2	11.5	> 10000				94.5	96			473		4.32						27.0	9
OREAS 96 (4 Acid) Cert				11.5	11.5	39300				101	101			457		4.19						26.3	26.3
OREAS 96 (4 Acid) Meas				11.1	11.4	> 10000				100	90			466		4.14						27.4	12
OREAS 96 (4 Acid) Cert				11.5	11.5	39300				101	101			457		4.19						26.3	26.3
OREAS 96 (4 Acid) Meas				11.3		> 10000				98.3				487								27.1	
OREAS 96 (4 Acid) Cert				11.5		39300				101				457								26.3	
OREAS 96 (4 Acid) Meas				10.6		> 10000				102				467								24.6	
OREAS 96 (4 Acid) Cert				11.5		39300				101				457								26.3	
OREAS 96 (4 Acid) Meas				10.4		> 10000				98.9				471								23.6	
OREAS 96 (4 Acid) Cert				11.5		39300				101				457								26.3	
OREAS 923 (4 Acid) Meas				1.70	1.8	4180	0.3	0.4	3	87.6	84	37.8		343		0.72	7.57		376	2.3	3	20.8	15
OREAS 923 (4 Acid) Cert				1.60	1.60	4230	0.420	0.420	0.930	83.0	83.0	35.8		345		0.691	7.29		434	2.42	2.42	21.4	21.4
OREAS 923 (4 Acid) Meas				1.97		4100	0.4			90.2		38.0		367					392	2.4		20.9	
OREAS 923 (4 Acid) Cert				1.60		4230	0.420			83.0		35.8		345					434	2.42		21.4	
OREAS 923 (4 Acid) Meas				1.86		4170	0.4			92.4		37.7		363					412	2.3		25.7	
OREAS 923 (4 Acid) Cert				1.60		4230	0.420			83.0		35.8		345					434	2.42		21.4	
OREAS 923 (4 Acid) Meas				2.05		4180	0.3			90.5		36.4		337					437	2.4		21.9	
OREAS 923 (4 Acid) Cert				1.60		4230	0.420			83.0		35.8		345					434	2.42		21.4	
OREAS 621 (4				64.1	73.8	3460	257	287	13	> 5000	> 5000	26.1		> 10000		4.68	6.69			1.6	2	3.87	< 2

Analyte Symbol	Lu	Mass	Au	Ag	Ag	Cu	Cd	Cd	Mo	Pb	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Be	Bi	Bi
Unit Symbol	ppm	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05		2	0.05	0.3	0.2	0.1	0.3	1	0.5	3	0.5	20	0.5	50	0.01	0.01	0.5	1	0.1	1	0.02	2
Method Code	INAA	INAA	INAA	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-ICP	INAA	TD-MS	TD-MS	TD-ICP	TD-MS	TD-ICP
Acid) Meas																							
OREAS 621 (4 Acid) Cert				69.0	69.0	3630	284	284	13.6	13600	13600	26.2		52200		4.48	6.40			1.69	1.69	3.93	3.93
OREAS 621 (4 Acid) Meas				68.2		3710	265			> 5000		26.3		> 10000						1.5		3.97	
OREAS 621 (4 Acid) Cert				69.0		3630	284			13600		26.2		52200						1.69		3.93	
OREAS 621 (4 Acid) Meas				57.0		3210	234			> 5000		26.7		> 10000						1.7		3.51	
OREAS 621 (4 Acid) Cert				69.0		3630	284			13600		26.2		52200						1.69		3.93	
OREAS 621 (4 Acid) Meas				61.8		3540	248			> 5000		31.3		> 10000						1.7		3.59	
OREAS 621 (4 Acid) Cert				69.0		3630	284			13600		26.2		52200						1.69		3.93	
OREAS 621 (4 Acid) Meas				69.0		3450	248			> 5000		25.4		> 10000						1.8		3.96	
OREAS 621 (4 Acid) Cert				69.0		3630	284			13600		26.2		52200						1.69		3.93	
Oreas 77b (4 Acid Digest) Meas					1.5			0.7			63						1.65				< 1		< 2
Oreas 77b (4 Acid Digest) Cert					1.62			1.20			61.0						1.94				0.470		3.44
Oreas 77b (4 Acid Digest) Meas					1.5			0.8			64						1.59				< 1		< 2
Oreas 77b (4 Acid Digest) Cert					1.62			1.20			61.0						1.94				0.470		3.44
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 254 Meas																							
OREAS 254 Cert																							
DMMAS 122b Meas			720															1530					
DMMAS 122b Cert			715															1540					
67289 Orig																							
67289 Dup																							
67305 Orig																							
67305 Dup																							
67311 Orig																							
67311 Dup																							
Method Blank				< 0.05		0.2	< 0.1			< 0.5		< 0.5		< 0.5					< 1	< 0.1		< 0.02	
Method Blank				< 0.05		< 0.2	< 0.1			< 0.5		< 0.5		< 0.5					< 1	< 0.1		< 0.02	
Method Blank				< 0.05		0.2	< 0.1			< 0.5		< 0.5		< 0.5					< 1	< 0.1		< 0.02	
Method Blank				< 0.05		0.4	< 0.1			< 0.5		< 0.5		< 0.5					< 1	< 0.1		< 0.02	
Method Blank					< 0.3			< 0.3	2		< 3					< 0.01	< 0.01				< 1		< 2
Method Blank																							
Method Blank																							
Method Blank					< 0.3			< 0.3	2		< 3					< 0.01	< 0.01				< 1		< 2
Method Blank																							
Method Blank																							
Method Blank					< 0.3			< 0.3	2		< 3					< 0.01	< 0.01				< 1		< 2
Method Blank																							

Analyte Symbol	Lu	Mass	Au	Ag	Ag	Cu	Cd	Cd	Mo	Pb	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Be	Bi	Bi
Unit Symbol	ppm	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05		2	0.05	0.3	0.2	0.1	0.3	1	0.5	3	0.5	20	0.5	50	0.01	0.01	0.5	1	0.1	1	0.02	2
Method Code	INAA	INAA	INAA	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-ICP	INAA	TD-MS	TD-MS	TD-ICP	TD-MS	TD-ICP
Method Blank																							
Method Blank				< 0.05		0.5	< 0.1			< 0.5		< 0.5		< 0.5					< 1	< 0.1		< 0.02	
Method Blank					< 0.3			< 0.3	2		< 3					< 0.01	< 0.01				< 1		< 2
Method Blank																							
Method Blank																							
Method Blank					< 0.3			< 0.3	2		< 3					< 0.01	< 0.01				< 1		< 2
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.05	1.000																					
Method Blank			< 2										< 20		< 50			< 0.5					
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Br	Ca	Co	Co	Cr	Cr	Cs	Cs	Eu	Fe	Hf	Hf	Ga	Ge	Hg	In	Ir	K	Li	Mg	Mn	Nb	Na
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	%	ppm	ppm	%
Lower Limit	0.5	0.01	0.1	1	1	2	0.05	1	0.2	0.01	0.1	1	0.1	0.1	10	0.1	5	0.01	0.5	0.01	1	0.1	0.01
Method Code	INAA	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	INAA	INAA	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
SDC-1 Meas			18.8		> 10.0		3.70				1.1		22.8		70				35.3			0.6	
SDC-1 Cert			18.0		64.00		4.00				8.30		21.00		200.00				34.0			21.00	
SDC-1 Meas			18.3		> 10.0		3.64				0.8		22.1		70				33.6			0.3	
SDC-1 Cert			18.0		64.00		4.00				8.30		21.00		200.00				34.0			21.00	
SDC-1 Meas			17.8		> 10.0		4.06				0.9		19.5		20				34.5			0.4	
SDC-1 Cert			18.0		64.00		4.00				8.30		21.00		200.00				34.0			21.00	
SDC-1 Meas			19.3		> 10.0		4.32				1.0		21.4		30				33.1			0.3	
SDC-1 Cert			18.0		64.00		4.00				8.30		21.00		200.00				34.0			21.00	
BE-N Meas																							
BE-N Cert																							
AC-E Meas																							
AC-E Cert																							
DR-N Meas																							
DR-N Cert																							
W-2a Meas																							
W-2a Cert																							
SY-4 Meas																							
SY-4 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas																							
BIR-1a Cert																							
OREAS 101b (4 Acid) Meas																		2.00		1.22	901		
OREAS 101b (4 Acid) Cert																		2.36		1.23	927		
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas			127																				
OREAS 98 (4 Acid) Cert			121																				
OREAS 98 (4 Acid) Meas			125																				
OREAS 98 (4 Acid) Cert			121																				
OREAS 98 (4 Acid) Meas			137																				
OREAS 98 (4			121																				

Analyte Symbol	Br	Ca	Co	Co	Cr	Cr	Cs	Cs	Eu	Fe	Hf	Hf	Ga	Ge	Hg	In	Ir	K	Li	Mg	Mn	Nb	Na
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	%	ppm	ppm	%
Lower Limit	0.5	0.01	0.1	1	1	2	0.05	1	0.2	0.01	0.1	1	0.1	0.1	10	0.1	5	0.01	0.5	0.01	1	0.1	0.01
Method Code	INAA	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	INAA	INAA	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA
Acid) Cert																							
OREAS 98 (4 Acid) Meas			121																				
OREAS 98 (4 Acid) Cert			121																				
DNC-1a Meas		7.10	58.3		> 10.0								14.4						4.4			1.5	
DNC-1a Cert		8.21	57		270								15						5.2			3	
DNC-1a Meas			58.1		> 10.0								14.5						4.7			1.4	
DNC-1a Cert			57		270								15						5.2			3	
DNC-1a Meas			57.4		> 10.0								14.5						4.4			1.5	
DNC-1a Cert			57		270								15						5.2			3	
DNC-1a Meas			60.3		> 10.0								13.4						4.7			1.6	
DNC-1a Cert			57		270								15						5.2			3	
DNC-1a Meas			61.6		> 10.0								13.8						4.4			1.5	
DNC-1a Cert			57		270								15						5.2			3	
OREAS 13b (4-Acid) Meas			76.0		> 10.0																		
OREAS 13b (4-Acid) Cert			75		8650.000																		
OREAS 13b (4-Acid) Meas			72.9		> 10.0																		
OREAS 13b (4-Acid) Cert			75		8650.000																		
OREAS 13b (4-Acid) Meas			83.1		> 10.0																		
OREAS 13b (4-Acid) Cert			75		8650.000																		
OREAS 13b (4-Acid) Meas			74.6		> 10.0																		
OREAS 13b (4-Acid) Cert			75		8650.000																		
OREAS 904 (4 ACID) Meas		0.05																3.79		0.60	452		
OREAS 904 (4 ACID) Cert		0.0460																3.31		0.556	410		
OREAS 904 (4 ACID) Meas		0.05																2.48		0.62	467		
OREAS 904 (4 ACID) Cert		0.0460																3.31		0.556	410		
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas			23.0		> 10.0		7.38				3.6		27.3						159			15.6	
SBC-1 Cert			22.7		109		8.2				3.7		27.0						163			15.3	
SBC-1 Meas			23.4		> 10.0		7.58				3.3		27.5						159			14.1	
SBC-1 Cert			22.7		109		8.2				3.7		27.0						163			15.3	
SBC-1 Meas			21.3		> 10.0		7.98				3.4		23.2						151			14.0	
SBC-1 Cert			22.7		109		8.2				3.7		27.0						163			15.3	
SBC-1 Meas			23.8		> 10.0		8.96				3.6		25.8						151			15.3	
SBC-1 Cert			22.7		109		8.2				3.7		27.0						163			15.3	
OREAS 45d (4-Acid) Meas		0.19	30.9		> 10.0		3.39				3.7		22.2			< 0.1		0.44	21.0	0.24	505	6.9	
OREAS 45d (4-Acid) Cert		0.185	29.50		549		3.910				3.830		21.20			0.096		0.412	21.5	0.245	490.000	14.50	
OREAS 45d		0.19	31.2		> 10.0		3.45				3.6		20.4			< 0.1		0.45	20.2	0.25	523	4.9	

Analyte Symbol	Br	Ca	Co	Co	Cr	Cr	Cs	Cs	Eu	Fe	Hf	Hf	Ga	Ge	Hg	In	Ir	K	Li	Mg	Mn	Nb	Na
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	%	ppm	ppm	%
Lower Limit	0.5	0.01	0.1	1	1	2	0.05	1	0.2	0.01	0.1	1	0.1	0.1	10	0.1	5	0.01	0.5	0.01	1	0.1	0.01
Method Code	INAA	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	INAA	INAA	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert		0.185	29.50		549		3.910				3.830		21.20			0.096		0.412	21.5	0.245	490.000	14.50	
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas			50.1																				
OREAS 96 (4 Acid) Cert			49.9																				
OREAS 96 (4 Acid) Meas			50.5																				
OREAS 96 (4 Acid) Cert			49.9																				
OREAS 96 (4 Acid) Meas			50.5																				
OREAS 96 (4 Acid) Cert			49.9																				
OREAS 96 (4 Acid) Meas			52.3																				
OREAS 96 (4 Acid) Cert			49.9																				
OREAS 96 (4 Acid) Meas			51.7																				
OREAS 96 (4 Acid) Cert			49.9																				
OREAS 923 (4 Acid) Meas		0.50	23.2		> 10.0		5.91				3.9		20.0			0.3		1.97	29.7	1.77	931	15.1	
OREAS 923 (4 Acid) Cert		0.473	23.1		71.0		6.70				3.42		20.3			0.520		2.51	31.4	1.69	950	14.1	
OREAS 923 (4 Acid) Meas			22.7		> 10.0		6.78				3.8		17.9			0.4			31.2			14.0	
OREAS 923 (4 Acid) Cert			23.1		71.0		6.70				3.42		20.3			0.520			31.4			14.1	
OREAS 923 (4 Acid) Meas			23.7		> 10.0		6.93				3.9		18.7			0.4			30.3			14.1	
OREAS 923 (4 Acid) Cert			23.1		71.0		6.70				3.42		20.3			0.520			31.4			14.1	
OREAS 923 (4 Acid) Meas			23.2		> 10.0		6.20				4.0		18.4			0.5			31.5			15.0	
OREAS 923 (4 Acid) Cert			23.1		71.0		6.70				3.42		20.3			0.520			31.4			14.1	
OREAS 621 (4		2.08	28.7		> 10.0		2.99				4.7		24.5			1.4		2.32	12.8	0.53	526	8.3	

Analyte Symbol	Br	Ca	Co	Co	Cr	Cr	Cs	Cs	Eu	Fe	Hf	Hf	Ga	Ge	Hg	In	Ir	K	Li	Mg	Mn	Nb	Na
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	%	ppm	ppm	%
Lower Limit	0.5	0.01	0.1	1	1	2	0.05	1	0.2	0.01	0.1	1	0.1	0.1	10	0.1	5	0.01	0.5	0.01	1	0.1	0.01
Method Code	INAA	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	INAA	INAA	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA
Acid) Meas																							
OREAS 621 (4 Acid) Cert		1.97	29.3		37.1		3.28				4.41		24.6			1.83		2.20	14.2	0.507	532	8.61	
OREAS 621 (4 Acid) Meas			31.3		> 10.0		2.96				4.2		25.7			1.5			13.3			9.6	
OREAS 621 (4 Acid) Cert			29.3		37.1		3.28				4.41		24.6			1.83			14.2			8.61	
OREAS 621 (4 Acid) Meas			28.0		> 10.0		3.32				4.7		19.5			1.6			14.2			9.0	
OREAS 621 (4 Acid) Cert			29.3		37.1		3.28				4.41		24.6			1.83			14.2			8.61	
OREAS 621 (4 Acid) Meas			32.1		> 10.0		3.48				4.8		24.3			1.6			14.0			10.0	
OREAS 621 (4 Acid) Cert			29.3		37.1		3.28				4.41		24.6			1.83			14.2			8.61	
OREAS 621 (4 Acid) Meas			29.6		> 10.0		2.77				4.8		22.9			1.7			13.2			9.6	
OREAS 621 (4 Acid) Cert			29.3		37.1		3.28				4.41		24.6			1.83			14.2			8.61	
Oreas 77b (4 Acid Digest) Meas		2.48																0.33		2.23	551		
Oreas 77b (4 Acid Digest) Cert		3.06																0.361		2.59	640		
Oreas 77b (4 Acid Digest) Meas		2.42																0.31		2.18	543		
Oreas 77b (4 Acid Digest) Cert		3.06																0.361		2.59	640		
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 254 Meas																							
OREAS 254 Cert																							
DMMAS 122b Meas				39		134				3.19													1.88
DMMAS 122b Cert				40.2		136				3.42													1.92
67289 Orig																							
67289 Dup																							
67305 Orig																							
67305 Dup																							
67311 Orig																							
67311 Dup																							
Method Blank			< 0.1		7		< 0.05				< 0.1		0.2	< 0.1	90	< 0.1			< 0.5			< 0.1	
Method Blank			< 0.1		2		< 0.05				< 0.1		< 0.1	< 0.1	30	< 0.1			< 0.5			< 0.1	
Method Blank			< 0.1		2		< 0.05				< 0.1		< 0.1	< 0.1	100	< 0.1			< 0.5			< 0.1	
Method Blank			< 0.1		4		< 0.05				< 0.1		< 0.1	< 0.1	100	< 0.1			< 0.5			< 0.1	
Method Blank		< 0.01																< 0.01		< 0.01			
Method Blank																							
Method Blank																							
Method Blank		< 0.01																< 0.01		< 0.01	1		
Method Blank																							
Method Blank																							
Method Blank		< 0.01																< 0.01		< 0.01	1		
Method Blank																							

Analyte Symbol	Br	Ca	Co	Co	Cr	Cr	Cs	Cs	Eu	Fe	Hf	Hf	Ga	Ge	Hg	In	Ir	K	Li	Mg	Mn	Nb	Na
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	%	ppm	ppm	%
Lower Limit	0.5	0.01	0.1	1	1	2	0.05	1	0.2	0.01	0.1	1	0.1	0.1	10	0.1	5	0.01	0.5	0.01	1	0.1	0.01
Method Code	INAA	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	INAA	INAA	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-ICP	TD-MS	TD-ICP	TD-ICP	TD-MS	INAA
Method Blank																							
Method Blank			< 0.1		3		< 0.05				< 0.1		< 0.1	< 0.1	100	< 0.1			< 0.5			< 0.1	
Method Blank		< 0.01																< 0.01		< 0.01			
Method Blank																							
Method Blank																							
Method Blank		< 0.01																< 0.01		< 0.01			
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.5			< 1		< 2		< 1	< 0.2	< 0.01		< 1					< 5						< 0.01
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	P	Rb	Rb	Re	Sb	Se	Sn	Sr	Ta	Ta	Te	Tb	Ti	Th	Th	Tl	U	V	W	Y	Zr	La	La
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.2	15	0.001	0.1	0.1	1	0.2	0.1	0.5	0.1	0.5	0.01	0.1	0.2	0.05	0.1	2	1	0.1	1	0.1	0.5
Method Code	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-MS	INAA	TD-MS	TD-MS	TD-ICP	INAA	TD-MS	TD-MS	TD-MS	INAA
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
SDC-1 Meas		103					< 1	172	< 0.1					11.7		0.59	3.0				43	40.2	
SDC-1 Cert		127.00					3.00	180.00	1.20					12.00		0.70	3.10				290.00	42.00	
SDC-1 Meas		123					< 1	169	< 0.1					11.7		0.63	2.8				31	39.9	
SDC-1 Cert		127.00					3.00	180.00	1.20					12.00		0.70	3.10				290.00	42.00	
SDC-1 Meas		87.2					< 1	163	< 0.1					11.9		0.65	2.8				29	39.9	
SDC-1 Cert		127.00					3.00	180.00	1.20					12.00		0.70	3.10				290.00	42.00	
SDC-1 Meas		100.0					< 1	167	< 0.1					11.5		0.63	2.7				34	41.1	
SDC-1 Cert		127.00					3.00	180.00	1.20					12.00		0.70	3.10				290.00	42.00	
BE-N Meas																							
BE-N Cert																							
AC-E Meas																							
AC-E Cert																							
DR-N Meas																							
DR-N Cert																							
W-2a Meas																							
W-2a Cert																							
SY-4 Meas																							
SY-4 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas																							
BIR-1a Cert																							
OREAS 101b (4 Acid) Meas	0.112												0.36					79					
OREAS 101b (4 Acid) Cert													0.35					77					
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas						146	182																
OREAS 98 (4 Acid) Cert						158	206																
OREAS 98 (4 Acid) Meas						155	195																
OREAS 98 (4 Acid) Cert						158	206																
OREAS 98 (4 Acid) Meas						172	> 200																
OREAS 98 (4						158	206																

Analyte Symbol	P	Rb	Rb	Re	Sb	Se	Sn	Sr	Ta	Ta	Te	Tb	Ti	Th	Th	Tl	U	V	W	Y	Zr	La	La
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.2	15	0.001	0.1	0.1	1	0.2	0.1	0.5	0.1	0.5	0.01	0.1	0.2	0.05	0.1	2	1	0.1	1	0.1	0.5
Method Code	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-MS	INAA	TD-MS	TD-MS	TD-ICP	INAA	TD-MS	TD-MS	TD-MS	INAA
Acid) Cert																							
OREAS 98 (4 Acid) Meas						147	189																
OREAS 98 (4 Acid) Cert						158	206																
DNC-1a Meas		3.6						134					0.27					133		16.2	39	3.3	
DNC-1a Cert		5						144					0.29					148		18.0	38.0	3.6	
DNC-1a Meas		3.6						138												16.2	41	3.4	
DNC-1a Cert		5						144												18.0	38.0	3.6	
DNC-1a Meas		3.6						137												16.0	41	3.5	
DNC-1a Cert		5						144												18.0	38.0	3.6	
DNC-1a Meas		3.4						150												15.4	40	3.7	
DNC-1a Cert		5						144												18.0	38.0	3.6	
DNC-1a Meas		3.7						150												15.9	40	3.9	
DNC-1a Cert		5						144												18.0	38.0	3.6	
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	0.101																	81					
OREAS 904 (4 ACID) Cert	0.0980																	76.0					
OREAS 904 (4 ACID) Meas	0.105																	90					
OREAS 904 (4 ACID) Cert	0.0980																	76.0					
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		140					3	168	1.1					13.6		0.89	5.7			30.5	132	42.7	
SBC-1 Cert		147					3.3	178.0	1.10					15.8		0.89	5.76			36.5	134.0	52.5	
SBC-1 Meas		148					3	171	0.8					15.2		0.88	5.9			32.1	131	49.5	
SBC-1 Cert		147					3.3	178.0	1.10					15.8		0.89	5.76			36.5	134.0	52.5	
SBC-1 Meas		121					3	164	1.0					14.5		0.84	5.4			26.9	116	47.7	
SBC-1 Cert		147					3.3	178.0	1.10					15.8		0.89	5.76			36.5	134.0	52.5	
SBC-1 Meas		131					4	176	1.0					15.1		0.91	5.7			29.8	126	50.4	
SBC-1 Cert		147					3.3	178.0	1.10					15.8		0.89	5.76			36.5	134.0	52.5	
OREAS 45d (4-Acid) Meas	0.040	39.3					1	28.6	0.4				0.78	13.6		0.24	2.9	236		10.0	143	14.4	
OREAS 45d (4-Acid) Cert	0.042	42.1					2.78	31.30	1.02				0.773	14.5		0.27	2.63	235.0		9.53	141	16.9	
OREAS 45d	0.043	40.7					1	29.8	0.2				0.61	13.9		0.25	2.7	210		10.4	125	15.4	

Analyte Symbol	P	Rb	Rb	Re	Sb	Se	Sn	Sr	Ta	Ta	Te	Tb	Ti	Th	Th	Tl	U	V	W	Y	Zr	La	La
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.2	15	0.001	0.1	0.1	1	0.2	0.1	0.5	0.1	0.5	0.01	0.1	0.2	0.05	0.1	2	1	0.1	1	0.1	0.5
Method Code	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-MS	INAA	TD-MS	TD-MS	TD-ICP	INAA	TD-MS	TD-MS	TD-MS	INAA
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert	0.042	42.1					2.78	31.30	1.02				0.773	14.5		0.27	2.63	235.0		9.53	141	16.9	
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
SN75 Meas																							
SN75 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 905 (INAA) Meas																							
OREAS 905 (INAA) Cert																							
OREAS 96 (4 Acid) Meas						39.5	58																
OREAS 96 (4 Acid) Cert						40.7	65.6																
OREAS 96 (4 Acid) Meas						39.5	59																
OREAS 96 (4 Acid) Cert						40.7	65.6																
OREAS 96 (4 Acid) Meas						37.8	60																
OREAS 96 (4 Acid) Cert						40.7	65.6																
OREAS 96 (4 Acid) Meas						38.2	65																
OREAS 96 (4 Acid) Cert						40.7	65.6																
OREAS 96 (4 Acid) Meas						38.8	65																
OREAS 96 (4 Acid) Cert						40.7	65.6																
OREAS 923 (4 Acid) Meas	0.067	142				5.4	12	42.2	1.1				0.40	16.1		0.85	3.2	96		26.5	150	38.8	
OREAS 923 (4 Acid) Cert	0.0630	166				6.54	13.3	43.0	1.11				0.405	16.5		0.860	3.06	91.0		26.4	116	42.2	
OREAS 923 (4 Acid) Meas		138				5.0	14	36.9	1.1					16.6		0.91	3.2			23.4	125	42.0	
OREAS 923 (4 Acid) Cert		166				6.54	13.3	43.0	1.11					16.5		0.860	3.06			26.4	116	42.2	
OREAS 923 (4 Acid) Meas		128				5.8	14	39.1	1.1					16.3		0.92	3.2			24.1	134	41.3	
OREAS 923 (4 Acid) Cert		166				6.54	13.3	43.0	1.11					16.5		0.860	3.06			26.4	116	42.2	
OREAS 923 (4 Acid) Meas		163				5.3	13	43.3	1.2					16.5		0.89	3.2			25.9	129	39.9	
OREAS 923 (4 Acid) Cert		166				6.54	13.3	43.0	1.11					16.5		0.860	3.06			26.4	116	42.2	
OREAS 621 (4	0.038	79.5				3.4	5	64.5					0.19	5.8		2.02	2.9	34		11.5	183	18.1	

Analyte Symbol	P	Rb	Rb	Re	Sb	Se	Sn	Sr	Ta	Ta	Te	Tb	Ti	Th	Th	Tl	U	V	W	Y	Zr	La	La
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.2	15	0.001	0.1	0.1	1	0.2	0.1	0.5	0.1	0.5	0.01	0.1	0.2	0.05	0.1	2	1	0.1	1	0.1	0.5
Method Code	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-MS	INAA	TD-MS	TD-MS	TD-ICP	INAA	TD-MS	TD-MS	TD-MS	INAA
Acid) Meas																							
OREAS 621 (4 Acid) Cert	0.0359	84.0				5.64	5.25	91.0					0.149	7.48		1.96	2.83	31.8		11.1	168	21.6	
OREAS 621 (4 Acid) Meas		69.6				4.0	5	65.9						3.4		2.02	2.3			8.0	180	11.9	
OREAS 621 (4 Acid) Cert		84.0				5.64	5.25	91.0						7.48		1.96	2.83			11.1	168	21.6	
OREAS 621 (4 Acid) Meas		63.7				3.5	6	74.4						7.0		2.15	2.8			10.9	169	22.3	
OREAS 621 (4 Acid) Cert		84.0				5.64	5.25	91.0						7.48		1.96	2.83			11.1	168	21.6	
OREAS 621 (4 Acid) Meas		62.1				4.4	6	77.3						7.4		2.09	2.8			11.5	185	22.8	
OREAS 621 (4 Acid) Cert		84.0				5.64	5.25	91.0						7.48		1.96	2.83			11.1	168	21.6	
OREAS 621 (4 Acid) Meas		70.3				3.9	5	65.5						5.7		2.07	2.7			11.2	174	15.7	
OREAS 621 (4 Acid) Cert		84.0				5.64	5.25	91.0						7.48		1.96	2.83			11.1	168	21.6	
Oreas 77b (4 Acid Digest) Meas													0.06					31					
Oreas 77b (4 Acid Digest) Cert													0.0640					33.6					
Oreas 77b (4 Acid Digest) Meas													0.05					30					
Oreas 77b (4 Acid Digest) Cert													0.0640					33.6					
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 254 Meas																							
OREAS 254 Cert																							
DMMAS 122b Meas					6.6																		16.5
DMMAS 122b Cert					6.41																		16.5
67289 Orig																							
67289 Dup																							
67305 Orig																							
67305 Dup																							
67311 Orig																							
67311 Dup																							
Method Blank		< 0.2		< 0.001		< 0.1	< 1	< 0.2	< 0.1		< 0.1			< 0.1		< 0.05	< 0.1			< 0.1	< 1	< 0.1	
Method Blank		< 0.2		< 0.001		< 0.1	< 1	< 0.2	< 0.1		< 0.1			< 0.1		< 0.05	< 0.1			< 0.1	< 1	< 0.1	
Method Blank		< 0.2		< 0.001		< 0.1	< 1	< 0.2	< 0.1		< 0.1			< 0.1		< 0.05	< 0.1			< 0.1	< 1	< 0.1	
Method Blank		< 0.2		< 0.001		0.1	< 1	< 0.2	< 0.1		< 0.1			< 0.1		< 0.05	< 0.1			< 0.1	< 1	< 0.1	
Method Blank	< 0.001												< 0.01					< 2					
Method Blank																							
Method Blank																							
Method Blank	< 0.001												< 0.01					< 2					
Method Blank																							
Method Blank																							
Method Blank	< 0.001												< 0.01					< 2					
Method Blank																							

Analyte Symbol	P	Rb	Rb	Re	Sb	Se	Sn	Sr	Ta	Ta	Te	Tb	Ti	Th	Th	Tl	U	V	W	Y	Zr	La	La
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.2	15	0.001	0.1	0.1	1	0.2	0.1	0.5	0.1	0.5	0.01	0.1	0.2	0.05	0.1	2	1	0.1	1	0.1	0.5
Method Code	TD-ICP	TD-MS	INAA	TD-MS	INAA	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	TD-ICP	TD-MS	INAA	TD-MS	TD-MS	TD-ICP	INAA	TD-MS	TD-MS	TD-MS	INAA
Method Blank																							
Method Blank		< 0.2		0.001		< 0.1	< 1	< 0.2	< 0.1		< 0.1			< 0.1		< 0.05	< 0.1			< 0.1	< 1	< 0.1	
Method Blank	< 0.001												< 0.01					< 2					
Method Blank																							
Method Blank																							
Method Blank	< 0.001												< 0.01					< 2					
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank			< 15		< 0.1					< 0.5		< 0.5			< 0.2				< 1				< 0.5
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
NIST 694 Meas																	
NIST 694 Cert																	
DNC-1 Meas																	
DNC-1 Cert																	
SDC-1 Meas	88.1		42.3	7.5	1.63	6.6	6.4	0.9	1.2	3.5	0.5	3.4					
SDC-1 Cert	93.00		40.00	8.20	1.70	7.00	6.70	1.20	1.50	4.10	0.65	4.00					
SDC-1 Meas	86.6		41.1	8.5	1.59	6.6	6.1	0.9	1.1	3.5	0.4	3.3					
SDC-1 Cert	93.00		40.00	8.20	1.70	7.00	6.70	1.20	1.50	4.10	0.65	4.00					
SDC-1 Meas	85.6		38.1	7.5	1.45	7.2	6.2	1.0	1.2	3.5	0.5	3.3					
SDC-1 Cert	93.00		40.00	8.20	1.70	7.00	6.70	1.20	1.50	4.10	0.65	4.00					
SDC-1 Meas	88.3		40.3	6.6	1.40	7.0	5.7	1.0	1.0	3.4	0.4	3.3					
SDC-1 Cert	93.00		40.00	8.20	1.70	7.00	6.70	1.20	1.50	4.10	0.65	4.00					
BE-N Meas																	
BE-N Cert																	
AC-E Meas																	
AC-E Cert																	
DR-N Meas																	
DR-N Cert																	
W-2a Meas																	
W-2a Cert																	
SY-4 Meas																	
SY-4 Cert																	
Oreas 72a (4 Acid Digest) Meas																	
Oreas 72a (4 Acid Digest) Cert																	
Oreas 72a (4 Acid Digest) Meas																	
Oreas 72a (4 Acid Digest) Cert																	
Oreas 72a (4 Acid Digest) Meas																	
Oreas 72a (4 Acid Digest) Cert																	
BIR-1a Meas																	
BIR-1a Cert																	
OREAS 101b (4 Acid) Meas																	
OREAS 101b (4 Acid) Cert																	
OREAS 101b (4 Acid) Meas																	
OREAS 101b (4 Acid) Cert																	
OREAS 98 (4 Acid) Meas																	
OREAS 98 (4 Acid) Cert																	
OREAS 98 (4 Acid) Meas																	
OREAS 98 (4 Acid) Cert																	
OREAS 98 (4 Acid) Meas																	

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
OREAS 98 (4 Acid) Cert																	
OREAS 98 (4 Acid) Meas																	
OREAS 98 (4 Acid) Cert																	
DNC-1a Meas			4.9		0.62							1.9					
DNC-1a Cert			5.20		0.59							2.0					
DNC-1a Meas			4.6		0.57							1.9					
DNC-1a Cert			5.20		0.59							2.0					
DNC-1a Meas			4.9		0.57							1.9					
DNC-1a Cert			5.20		0.59							2.0					
DNC-1a Meas			4.9		0.55							2.0					
DNC-1a Cert			5.20		0.59							2.0					
DNC-1a Meas			5.0		0.54							1.9					
DNC-1a Cert			5.20		0.59							2.0					
OREAS 13b (4-Acid) Meas																	
OREAS 13b (4-Acid) Cert																	
OREAS 13b (4-Acid) Meas																	
OREAS 13b (4-Acid) Cert																	
OREAS 13b (4-Acid) Meas																	
OREAS 13b (4-Acid) Cert																	
OREAS 13b (4-Acid) Meas																	
OREAS 13b (4-Acid) Cert																	
OREAS 904 (4 ACID) Meas																	
OREAS 904 (4 ACID) Cert																	
OREAS 904 (4 ACID) Meas																	
OREAS 904 (4 ACID) Cert																	
OREAS 904 (4 ACID) Meas																	
OREAS 904 (4 ACID) Cert																	
SBC-1 Meas	95.1	12.5	46.0	9.9	1.98	7.6	6.0	1.0	1.2	3.4	0.5	3.3		0.5			
SBC-1 Cert	108.0	12.6	49.2	9.6	1.98	8.5	7.10	1.20	1.40	3.80	0.56	3.64		0.54			
SBC-1 Meas	106	13.5	50.2	8.9	1.89	7.9	5.9	1.0	1.1	3.5	0.4	3.3		0.4			
SBC-1 Cert	108.0	12.6	49.2	9.6	1.98	8.5	7.10	1.20	1.40	3.80	0.56	3.64		0.54			
SBC-1 Meas	99.7	10.5	44.6	8.8	1.72	7.9	6.2	1.0	1.1	3.3	0.4	3.1		0.4			
SBC-1 Cert	108.0	12.6	49.2	9.6	1.98	8.5	7.10	1.20	1.40	3.80	0.56	3.64		0.54			
SBC-1 Meas	105	11.2	47.6	10.2	1.75	8.3	6.5	1.1	1.2	3.4	0.4	3.3		0.5			
SBC-1 Cert	108.0	12.6	49.2	9.6	1.98	8.5	7.10	1.20	1.40	3.80	0.56	3.64		0.54			
OREAS 45d (4-Acid) Meas	33.0	3.9	13.4	2.7	0.60	2.3	2.1	0.3	0.4	1.2		1.3		0.2			
OREAS 45d	37.20	3.70	13.4	2.80	0.57	2.42	2.26	0.400	0.46	1.38		1.33		0.18			

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
(4-Acid) Cert																	
OREAS 45d (4-Acid) Meas	34.4	3.6	14.3	2.8	0.55	2.5	2.3	0.3	0.4	1.3		1.4		0.2			
OREAS 45d (4-Acid) Cert	37.20	3.70	13.4	2.80	0.57	2.42	2.26	0.400	0.46	1.38		1.33		0.18			
OREAS 45d (4-Acid) Meas																	
OREAS 45d (4-Acid) Cert																	
OREAS 45d (4-Acid) Meas																	
OREAS 45d (4-Acid) Cert																	
SN75 Meas																	8.70
SN75 Cert																	8.67
OREAS 220 (Fire Assay) Meas																	
OREAS 220 (Fire Assay) Cert																	
OREAS 905 (INAA) Meas																	
OREAS 905 (INAA) Cert																	
OREAS 96 (4 Acid) Meas																	
OREAS 96 (4 Acid) Cert																	
OREAS 96 (4 Acid) Meas																	
OREAS 96 (4 Acid) Cert																	
OREAS 96 (4 Acid) Meas																	
OREAS 96 (4 Acid) Cert																	
OREAS 96 (4 Acid) Meas																	
OREAS 96 (4 Acid) Cert																	
OREAS 96 (4 Acid) Meas																	
OREAS 96 (4 Acid) Cert																	
OREAS 923 (4 Acid) Meas	78.7	10.0	35.7	6.7	1.40	5.5	4.7	0.8	0.9	2.5	0.4	2.6		0.4			
OREAS 923 (4 Acid) Cert	83.0	9.58	35.4	6.64	1.37	5.73	5.05	0.850	0.960	2.86	0.410	2.57		0.390			
OREAS 923 (4 Acid) Meas	82.5	8.4	35.0	6.3	1.24	6.2	4.9	0.8	0.9	2.8	0.4	2.7		0.3			
OREAS 923 (4 Acid) Cert	83.0	9.58	35.4	6.64	1.37	5.73	5.05	0.850	0.960	2.86	0.410	2.57		0.390			
OREAS 923 (4 Acid) Meas	82.2	8.5	33.6	6.5	1.24	6.2	4.8	0.8	0.9	2.6	0.4	2.6		0.3			
OREAS 923 (4 Acid) Cert	83.0	9.58	35.4	6.64	1.37	5.73	5.05	0.850	0.960	2.86	0.410	2.57		0.390			
OREAS 923 (4 Acid) Meas	81.0	8.9	37.4	6.9	1.23	5.9	5.2	0.8	0.9	2.7	0.4	2.7		0.4			

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
OREAS 923 (4 Acid) Cert	83.0	9.58	35.4	6.64	1.37	5.73	5.05	0.850	0.960	2.86	0.410	2.57		0.390			
OREAS 621 (4 Acid) Meas	42.6							0.4				1.0		0.1			
OREAS 621 (4 Acid) Cert	46.6							0.460				0.990		0.140			
OREAS 621 (4 Acid) Meas	31.9							0.3				0.8		0.1			
OREAS 621 (4 Acid) Cert	46.6							0.460				0.990		0.140			
OREAS 621 (4 Acid) Meas	49.2							0.5				1.0		0.1			
OREAS 621 (4 Acid) Cert	46.6							0.460				0.990		0.140			
OREAS 621 (4 Acid) Meas	50.9							0.4				1.0		0.1			
OREAS 621 (4 Acid) Cert	46.6							0.460				0.990		0.140			
OREAS 621 (4 Acid) Meas	39.6							0.4				1.0		0.2			
OREAS 621 (4 Acid) Cert	46.6							0.460				0.990		0.140			
Oreas 77b (4 Acid Digest) Meas																	
Oreas 77b (4 Acid Digest) Cert																	
Oreas 77b (4 Acid Digest) Meas																	
Oreas 77b (4 Acid Digest) Cert																	
Oreas 77b (4 Acid Digest) Meas																	
Oreas 77b (4 Acid Digest) Cert																	
OREAS 254 Meas																	
OREAS 254 Cert																	
DMMAS 122b Meas																	
DMMAS 122b Cert																	
67289 Orig																	
67289 Dup																	
67305 Orig																	
67305 Dup																	
67311 Orig																	
67311 Dup																	
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Yb	Lu	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	INAA	TD-MS	INAA	INAA	FA-GRA
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank													< 0.2		< 0.05	30.0	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	< 0.03
Method Blank																	< 0.03

Quality Analysis ... *Innovative Technologies*

Date Submitted: 24-Sep-19
Invoice No.: A19-13006
Invoice Date: 30-Sep-19
Your Reference: EGAN

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2019-09-30 10:11:23

REPORT **A19-13006**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
67296	0.050
67297	0.045
67298	0.005
67299	< 0.005
67300	0.168

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 220 (Fire Assay) Meas	0.844
OREAS 220 (Fire Assay) Cert	0.866
OREAS 254 Meas	2.63
OREAS 254 Cert	2.55
Method Blank	< 0.005
Method Blank	< 0.005

Final Report
Activation Laboratories

Report Number: A20-05535

Report Date: 8/6/2020

Analyte Symbol	Au
Unit Symbol	g/mt
Detection Limit	0.005
Analysis Method	FA-AA
A49	0.026
A50	0.023
A51	0.017
A52	0.015
A53	0.03
A54	0.022
A55	0.019
A56	0.028
A57	0.019
A58	0.024
A59	0.033
A60	0.018
A61	0.02
A62	0.102
A63	0.025
A64	0.021
A65	0.017
A66	0.034
A67	0.017
A68	0.015
A69	0.022

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05996**
Report Date: **24-Jun-20**
Date Submitted: **10-Jun-20**
Your Reference: **June 10/20**

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-06-23 16:47:12

REPORT **A20-05996**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
A70	0.013
A71	0.012
A72	0.016
A73	0.014
A74	0.013
A75	0.009
A76	0.015
A77	0.013
A78	0.013
A79	0.017
A80	0.014
A81	0.011
A82	0.013
A83	0.018
A84	0.012
A85	0.014
A86	0.015
A87	0.052
A88	0.069
A89	0.008
A90	0.009
A91	< 0.005
A92	0.015

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (fire Assay) Meas	2.19
Oreas 237 (fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.528
Oreas E1336 (Fire Assay) Cert	0.510
Method Blank	< 0.005
Method Blank	< 0.005

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06307**
Report Date: **25-Jun-20**
Date Submitted: **17-Jun-20**
Your Reference: **June 17/20**

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

19 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-06-25 09:52:53

REPORT **A20-06307**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
A93	0.024
A94	0.016
A95	0.011
A96	0.011
A97	0.011
A98	0.009
A99	0.015
A100	0.014
A101	0.019
A102	0.022
A103	0.014
A104	0.016
A105	0.018
A106	0.031
A107	0.017
A108	0.010
A109	0.016
A110	0.010
A111	0.011

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (fire Assay) Meas	2.13
Oreas 237 (fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Method Blank	< 0.005
Method Blank	< 0.005

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05036**
Report Date: **04-Jun-20**
Date Submitted: **11-May-20**
Your Reference: **May 11/20**

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

78 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-06-01 12:10:17
1A3-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-06-02 15:03:44

REPORT **A20-05036**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
67401	< 0.005	
67402	1.30	
67403	< 0.005	
67404	> 10.0	105
67405	> 10.0	20.0
67406	0.219	
67407	0.303	
67408	0.433	
67409	0.027	
67410	0.607	
67411	0.252	
67412	0.263	
67413	1.95	
67414	0.138	
67415	0.172	
67416	0.765	
67417	3.16	
67418	3.09	
67419	1.25	
67420	0.548	
67421	0.029	
67422	0.034	
67423	0.302	
67424	1.11	
67425	0.096	
67426	0.544	
67427	0.057	
67428	0.034	
67429	0.410	
67430	0.238	
67431	0.216	
67432	< 0.005	
67433	3.82	
67434	0.037	
67435	< 0.005	
67436	0.005	
67437	0.728	
67438	0.021	
67439	0.260	
67440	1.77	
67441	1.12	
67442	> 10.0	15.6
67443	1.35	
67444	0.913	
67445	0.805	
67446	3.70	
67447	0.089	
67448	0.047	
67449	4.17	
67450	0.018	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
67201	< 0.005	
67202	0.239	
67203	< 0.005	
67204	0.747	
67205	1.40	
67206	0.564	
67207	0.006	
67208	0.342	
67209	0.017	
67210	4.33	
67211	0.007	
67212	> 10.0	16.6
67213	0.009	
67214	0.829	
67215	0.180	
67216	> 10.0	47.6
67217	0.028	
67218	> 10.0	67.2
67219	0.025	
67220	1.40	
67221	1.03	
67222	7.54	
67223	9.92	
67224	0.025	
67225	0.026	
67226	< 0.005	
67227	< 0.005	
67228	0.200	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
SN75 Meas		8.72
SN75 Cert		8.67
SN75 Meas		8.85
SN75 Cert		8.67
OREAS 257 Meas		14.4
OREAS 257 Cert		14.18
OREAS 257 Meas		14.6
OREAS 257 Cert		14.18
Oreas 237 (fire Assay) Meas	2.17	
Oreas 237 (fire Assay) Cert	2.21	
Oreas 237 (fire Assay) Meas	2.27	
Oreas 237 (fire Assay) Cert	2.21	
Oreas 237 (fire Assay) Meas	2.27	
Oreas 237 (fire Assay) Cert	2.21	
Oreas 237 (fire Assay) Meas	2.28	
Oreas 237 (fire Assay) Cert	2.21	
Oreas 237 (fire Assay) Meas	2.21	
Oreas 237 (fire Assay) Cert	2.21	
Oreas 237 (fire Assay) Meas	2.23	
Oreas 237 (fire Assay) Cert	2.21	
67420 Orig	0.551	
67420 Dup	0.545	
67430 Orig	0.196	
67430 Dup	0.279	
67450 Orig	0.018	
67450 Split PREP DUP	0.018	
67214 Orig	0.846	
67214 Dup	0.812	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank		< 0.03
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank		< 0.03
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05337**
Report Date: **03-Jun-20**
Date Submitted: **21-May-20**
Your Reference: **May 21/20**

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-Exp 2	QOP PGE ICP-MS (Fire Assay-ICPMS)	2020-06-02 16:34:41
8-Li (Sodium Peroxide Fusion)	QOP Sodium Peroxide (Sodium Peroxide Fusion)	2020-05-28 18:31:54
8-REE Assay Package	QOP WRA/ QOP WRA 4B2 (Major/Trace Elements Fusion ICPOES/ICPMS)	2020-05-28 18:15:44
UT-6M	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-05-29 18:40:10

REPORT **A20-05337**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Total includes all elements in % oxide to the left of total.

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
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

Report No.: **A20-05337**
Report Date: **03-Jun-20**
Date Submitted: **21-May-20**
Your Reference: **May 21/20**

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-06-01 09:24:15

REPORT **A20-05337**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Total includes all elements in % oxide to the left of total.

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Pt	Pd	Li	Li2O	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co
Unit Symbol	g/mt	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	1	0.5	0.5	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	FUS-Na2O2	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS
70751	5.45																						
70752	0.008																						
70753	0.010																						
70754	0.033																						
70755	< 0.005																						
70756	0.523																						
70757	0.305																						
70758	0.014	12	0.7	0.5																			
70759	0.005																						
70760	< 0.005																						
70761	< 0.005																						
70762	0.562																						
70763	< 0.005	4	1.1	< 0.5																			
70764	< 0.005	< 1	1.7	< 0.5																			
70765	< 0.005																						
70766	< 0.005				< 0.01	< 0.01	6.98	0.96	0.22	0.346	0.07	49.99	0.42	0.21	0.012	< 0.01	39.44	98.66	11	< 1	6	< 20	< 1
67229	0.982																						
67230	0.826																						
67231	2.61																						
67232	0.354																						

Analyte Symbol	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
70751																							
70752																							
70753																							
70754																							
70755																							
70756																							
70757																							
70758																							
70759																							
70760																							
70761																							
70762																							
70763																							
70764																							
70765																							
70766	< 20	80	< 30	2	< 1	< 5	6	71	72	7	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	34	< 0.4	37.1	84.3	10.2	44.2
67229																							
67230																							
67231																							
67232																							

Analyte Symbol	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U	Ag	Al	As	Ba	Be	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1	0.01	0.01	0.2	10	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS
70751																							
70752																							
70753																							
70754																							
70755																							
70756																		> 100	1.87	1.0	710	0.99	340
70757																		0.32	4.59	1.9	570	0.68	0.56
70758																		0.60	7.36	1.1	290	1.84	0.85
70759																							
70760																							
70761																							
70762																							
70763																							
70764																		0.11	4.28	1.6	420	3.28	0.12
70765																							
70766	10.1	2.93	10.2	1.8	11.1	2.5	8.3	1.36	9.2	1.57	0.3	< 0.1	< 1	< 0.1	< 5	0.6	0.2	0.02	0.49	< 0.2	30	0.31	0.04
67229																							
67230																							
67231																							
67232																							

Analyte Symbol	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
Method Code	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS
70751																							
70752																							
70753																							
70754																							
70755																							
70756	0.48	0.23	112	11.4	245	0.69	5.8	2.09	4.36	< 0.05	0.1	0.022	1.10	51.5	10.2	0.38	745	189	0.11	0.8	36.5	1170	> 10000
70757	5.12	0.10	55.9	20.2	18	0.29	294	4.57	8.73	< 0.05	1.7	0.040	0.97	22.3	8.6	1.15	847	0.92	2.65	2.9	19.6	1560	18.3
70758	3.70	0.05	51.0	24.8	41	0.88	24.1	4.94	15.2	0.08	3.4	0.058	1.49	22.2	7.7	2.17	718	1.05	4.09	4.7	18.5	1420	36.9
70759																							
70760																							
70761																							
70762																							
70763																							
70764	5.31	0.07	211	47.6	583	7.51	4.8	7.74	25.8	< 0.05	5.9	0.082	1.41	82.7	149	6.60	1830	0.38	0.01	6.5	331	4820	22.6
70765																							
70766	28.4	< 0.02	81.1	0.2	2	0.06	83.5	0.15	0.71	< 0.05	0.2	0.030	0.18	34.7	2.3	0.04	2540	0.18	0.30	0.3	0.4	40	9.1
67229																							
67230																							
67231																							
67232																							

Analyte Symbol	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
Method Code	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS
70751																			
70752																			
70753																			
70754																			
70755																			
70756	65.5	0.011	0.60	0.15	7.9	34	0.6	53.4	< 0.05	37.9	4.8	0.125	0.43	1.6	100	8.2	7.7	44	8.0
70757	28.4	< 0.002	1.01	0.26	10.9	< 1	0.8	193	0.13	0.23	2.0	0.311	0.13	0.9	61	10.8	11.9	27	63.3
70758	52.2	< 0.002	0.72	0.16	17.7	< 1	1.2	396	0.30	0.44	3.7	0.436	0.29	1.1	131	0.6	18.7	80	129
70759																			
70760																			
70761																			
70762																			
70763																			
70764	93.1	< 0.002	0.02	0.08	27.0	< 1	1.5	174	0.13	< 0.05	11.6	0.530	0.50	2.4	245	2.4	31.0	178	282
70765																			
70766	6.0	< 0.002	0.01	< 0.05	9.3	< 1	< 0.2	73.9	< 0.05	< 0.05	0.5	0.007	0.03	0.2	2	0.1	72.3	< 2	6.0
67229																			
67230																			
67231																			
67232																			

Analyte Symbol	Au	Au	Pt	Pd	Li	Li2O	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	Sc	Be	V	Cr	Co	Ni
Unit Symbol	g/mt	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	1	0.5	0.5	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	20	1	20
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	FUS-Na2O2	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
DNC-1 Meas							47.53	18.69	10.04	0.150	10.08	11.53	1.92	0.23	0.490	0.06		31		158			
DNC-1 Cert							47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070		31		148			
GBW 07113 Meas							72.36	12.78	3.26	0.150	0.14	0.59	2.47	5.38	0.280	0.04		5	4	< 5			
GBW 07113 Cert							72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500		5.00	4.00	5.00			
SDC-1 Meas																							
SDC-1 Cert																							
TDB-1 Meas																					260		
TDB-1 Cert																					251		
W-2a Meas							53.54	15.53	10.88	0.170	6.23	10.97	2.27	0.63	1.070	0.12		36	< 1	279			
W-2a Cert							52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.140		36.0	1.30	262			
DTS-2b Meas																					14900	126	3640
DTS-2b Cert																					15500	120	3780
SY-4 Meas							50.09	20.93	6.22	0.110	0.50	8.18	6.97	1.66	0.290	0.12		1	3	8			
SY-4 Cert							49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131		1.1	2.6	8.0			
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas							48.35	15.83	11.54	0.170	9.57	13.56	1.83	0.02	0.970	0.02		44	< 1	340	380	54	180
BIR-1a Cert							47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021		44	0.58	310	370	52	170
ZW-C Meas																							
ZW-C Cert																							
OREAS 101b (Fusion) Meas																						45	
OREAS 101b (Fusion) Cert																						47	
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas																						35	80
USZ 25-2006 Cert																						32.5	70.8
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
NCS DC86303 Meas					0.22	0.47																	
NCS DC86303 Cert					0.21	0.460																	
NCS DC86304 Meas					1.08	2.33																	
NCS DC86304 Cert					1.06	2.29																	
NCS DC86314 Meas					1.83	3.93																	
NCS DC86314 Cert					1.81	3.89																	

Analyte Symbol	Au	Au	Pt	Pd	Li	Li2O	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	Sc	Be	V	Cr	Co	Ni
Unit Symbol	g/mt	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	1	0.5	0.5	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	20	1	20
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	FUS-Na2O2	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
USZ 42-2006 Meas																							
USZ 42-2006 Cert																							
PK2 Meas		4510	4510	5530																			
PK2 Cert		4785	4749	5918																			
OREAS 904 (Aqua Regia) Meas																							
OREAS 904 (Aqua Regia) Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas					7.76																		
Lithium Tetraborate FX-LT 100 lot#220610B Cert					8																		
Lithium Tetraborate FX-LT 100 lot#220610B Meas					8.49																		
Lithium Tetraborate FX-LT 100 lot#220610B Cert					8																		
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
REE-1 Meas																					290	1	30
REE-1 Cert																					277	1.58	24.7
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
Oreas 237 (fire	2.27																						

Analyte Symbol	Au	Au	Pt	Pd	Li	Li2O	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	Sc	Be	V	Cr	Co	Ni
Unit Symbol	g/mt	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	1	0.5	0.5	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	20	1	20
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	FUS-Na2O2	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
Assay) Meas																							
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.26																						
Oreas 237 (fire Assay) Cert	2.21																						
70758 Orig		13	0.7	0.5																			
70758 Dup		12	0.7	0.5																			
70760 Orig	< 0.005																						
70760 Dup	< 0.005																						
70766 Orig					< 0.01	< 0.01	6.93	0.94	0.22	0.345	0.08	50.09	0.42	0.21	0.012	< 0.01	98.68	12	< 1	5	< 20	< 1	< 20
70766 Dup					< 0.01	< 0.01	7.04	0.97	0.21	0.347	0.07	49.89	0.43	0.21	0.012	0.01	98.64	11	< 1	6	< 20	< 1	< 20
Method Blank							< 0.01	< 0.01	0.01	0.003	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01		< 1	< 1	< 5	< 20	< 1	< 20
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank					< 0.01	< 0.01																	
Method Blank		< 1	< 0.5	< 0.5																			
Method Blank		< 1	< 0.5	< 0.5																			
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd	Sm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
DNC-1 Meas							143	15	34								107						
DNC-1 Cert							144.0	18.0	38								118						
GBW 07113 Meas							40	44	384								502						
GBW 07113 Cert							43.0	43.0	403								506						
SDC-1 Meas																							
SDC-1 Cert																							
TDB-1 Meas	330	160																	17.4	40.5		24.7	
TDB-1 Cert	323	155																	17	41		23	
W-2a Meas							196	19	92								179						
W-2a Cert							190	24.0	94.0								182						
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas		100	35			54	1209	114	546	14						1.6	355		61.6	129	15.6	60.6	13.4
SY-4 Cert		93	35			55.0	1191	119	517	13						1.5	340		58	122	15.0	57	12.7
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
BIR-1a Meas	130	70	15		< 5		109	14	14	< 1							8		0.7	2.1		2.5	1.1
BIR-1a Cert	125	70	16		0.44		110	16	18	0.6							6		0.63	1.9		2.5	1.1
ZW-C Meas		1060	94			8820				212				1300	4.5	267			30.5	104	9.80	25.8	6.9
ZW-C Cert		1050	99			8500				198				1300	4.2	260			30.0	97	9.5	25.0	6.6
OREAS 101b (Fusion) Meas	410										19								793	1370	126	379	48.0
OREAS 101b (Fusion) Cert	420										21								789	1331	127	378	48
NCS DC86318 Meas						384										11.1			1940	410	730	3190	1620
NCS DC86318 Cert						369.42										11.88			1960	432	737	3429	1725
SARM 3 Meas										984													
SARM 3 Cert										978													
USZ 25-2006 Meas		640																	18000	28500	2610		
USZ 25-2006 Cert		600																	19300	29000	2800		
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
USZ 42-2006		470								34	36								20600	28100	2320	6140	

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd	Sm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
Meas																							
USZ 42-2006 Cert		469								31.00	34.40								21100	27600	2300	6500	
PK2 Meas																							
PK2 Cert																							
OREAS 904 (Aqua Regia) Meas																							
OREAS 904 (Aqua Regia) Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
REE-1 Meas	80				119	1040								499		1.1			1680	4000	440	1460	388
REE-1 Cert	79.7				124	1050								498		1.07			1661	3960	435	1456	381
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
Oreas 237 (fire Assay) Meas																							
Oreas 237 (fire																							

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd	Sm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
Assay) Cert																							
Oreas 237 (fire Assay) Meas																							
Oreas 237 (fire Assay) Cert																							
70758 Orig																							
70758 Dup																							
70760 Orig																							
70760 Dup																							
70766 Orig	80	< 30	2	< 1	< 5	6	71	72	8	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	33	< 0.4	36.2	81.8	10.0	43.4	9.9
70766 Dup	80	< 30	2	< 1	< 5	6	72	73	7	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	35	< 0.4	38.0	86.7	10.5	45.0	10.2
Method Blank	< 10	< 30	< 1	< 1	< 5	< 2	< 2	< 2	< 4	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 3	< 0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U	Ag	Al	As	Ba	Be	Bi	Ca
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1	0.01	0.01	0.2	10	0.05	0.01	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
DNC-1 Meas																							
DNC-1 Cert																							
GBW 07113 Meas																							
GBW 07113 Cert																							
SDC-1 Meas																		7.88		630			1.04
SDC-1 Cert																		8.34		630			1.00
TDB-1 Meas	2.10							3.3							2.7								
TDB-1 Cert	2.1							3.4							2.7								
W-2a Meas																							
W-2a Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas	2.07	14.6		19.8	4.5	15.0	2.34	15.6	2.23	11.3	0.9			10	1.4								
SY-4 Cert	2.00	14.0		18.2	4.3	14.2	2.3	14.8	2.1	10.6	0.9			10	1.4								
Oreas 72a (4 Acid Digest) Meas																			4.5				
Oreas 72a (4 Acid Digest) Cert																			14.7				
BIR-1a Meas	0.58	2.0						1.7	0.27	0.6				< 5									
BIR-1a Cert	0.55	2.0						1.7	0.3	0.60				3									
ZW-C Meas		4.5									85.9	341	31.9			19.4							
ZW-C Cert		4.70									82	320	34			20.0							
OREAS 101b (Fusion) Meas	7.92		5.2	31.2	6.2	18.8	2.71	17.6	2.59						35.7	395							
OREAS 101b (Fusion) Cert	7.77		5.37	32.1	6.34	18.7	2.66	17.6	2.58						37.1	396							
NCS DC86318 Meas	18.8	2220	502	3110	583	1690	263	1770	251						66.5								
NCS DC86318 Cert	18.91	2168	468	3224	560	1750	271	1844	264						67.0								
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas	193							49.2						1090									
USZ 25-2006 Cert	211.00							54.5						1100									
DNC-1a Meas																				100			7.80
DNC-1a Cert																				118			8.21
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
USZ 42-2006	83.0							16.2						1630	967								

Analyte Symbol	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U	Ag	Al	As	Ba	Be	Bi	Ca
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1	0.01	0.01	0.2	10	0.05	0.01	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
Meas																							
USZ 42-2006 Cert	87.22							17.85						1600	946								
PK2 Meas																							
PK2 Cert																							
OREAS 904 (Aqua Regia) Meas																		6.61		200			0.05
OREAS 904 (Aqua Regia) Cert																		1.25		68.0			0.0404
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
OREAS 45d (4-Acid) Meas																		8.19		190			0.20
OREAS 45d (4-Acid) Cert																		8.150		183.0			0.185
REE-1 Meas	24.2	432	115	875	209	700	109	691		490					759	144							
REE-1 Cert	23.5	433	106	847	208	701	106	678		479					719	137							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																		7.47		430			0.50
OREAS 923 (4 Acid) Cert																		7.29		434			0.473
OREAS 621 (4 Acid) Meas																	65.1	6.76	70.5		1.74	4.03	2.11
OREAS 621 (4 Acid) Cert																	69.0	6.40	77.0		1.69	3.93	1.97
OREAS 621 (4 Acid) Meas																		6.40					2.05
OREAS 621 (4 Acid) Cert																		6.40					1.97
OREAS 522 (4 Acid) Meas																		3.93					3.57
OREAS 522 (4 Acid) Cert																		3.95					3.65
Oreas 77b (4 Acid Digest) Meas																		1.79		80			2.83
Oreas 77b (4 Acid Digest) Cert																		1.94		118			3.06
Oreas 237 (fire Assay) Meas																							
Oreas 237 (fire																							

Analyte Symbol	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U	Ag	Al	As	Ba	Be	Bi	Ca
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1	0.01	0.01	0.2	10	0.05	0.01	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
Assay) Cert																							
Oreas 237 (fire Assay) Meas																							
Oreas 237 (fire Assay) Cert																							
70758 Orig																							
70758 Dup																							
70760 Orig																							
70760 Dup																							
70766 Orig	2.87	10.1	1.7	10.9	2.4	8.2	1.35	9.1	1.54	0.3	< 0.1	< 1	< 0.1	< 5	0.7	0.2							
70766 Dup	3.00	10.3	1.8	11.3	2.6	8.3	1.37	9.3	1.60	0.2	< 0.1	< 1	< 0.1	6	0.5	0.2							
Method Blank	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.04	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1							
Method Blank																		< 0.01		< 10			< 0.01
Method Blank																		< 0.01		< 10			< 0.01
Method Blank																		< 0.01		< 10			< 0.01
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
DNC-1 Meas																							
DNC-1 Cert																							
GBW 07113 Meas																							
GBW 07113 Cert																							
SDC-1 Meas				80			4.77				2.71			1.02	894		1.52			570			
SDC-1 Cert				64.00			4.82				2.72			1.02	880.00		1.52			690			
TDB-1 Meas																							
TDB-1 Cert																							
W-2a Meas																							
W-2a Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas																							
SY-4 Cert																							
Oreas 72a (4 Acid Digest) Meas			148	184		315	9.61												6920				1.66
Oreas 72a (4 Acid Digest) Cert			157	228		316	9.63												6930.000				1.74
BIR-1a Meas																							
BIR-1a Cert																							
ZW-C Meas																							
ZW-C Cert																							
OREAS 101b (Fusion) Meas																							
OREAS 101b (Fusion) Cert																							
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas																							
USZ 25-2006 Cert																							
DNC-1a Meas			51.9	139		96.5	7.34	13.5				3.5	4.5				1.51	1.5	268		6.3	3.2	
DNC-1a Cert			57	270		100	6.97	15				3.6	5.2				1.40	3	247		6.3	4.50	
OREAS 13b (4-Acid) Meas				9570																			1.15
OREAS 13b (4-Acid) Cert				8650.000																			1.2
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
USZ 42-2006 Meas																							

Analyte Symbol	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
USZ 42-2006 Cert																							
PK2 Meas																							
PK2 Cert																							
OREAS 904 (Aqua Regia) Meas				55			7.02				3.16			0.60	440					960			0.06
OREAS 904 (Aqua Regia) Cert				17.5			6.40				0.603			0.143	410					950			0.0340
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
OREAS 45d (4-Acid) Meas				522			14.9				0.43			0.25	523		0.10			360			0.04
OREAS 45d (4-Acid) Cert				549			14.5				0.412			0.245	490.000		0.101			420.000			0.049
REE-1 Meas																							
REE-1 Cert																							
OREAS 96 (4 Acid) Meas																							4.31
OREAS 96 (4 Acid) Cert																							4.19
OREAS 923 (4 Acid) Meas				68			6.65				2.58			1.75	1000		0.33			640			0.73
OREAS 923 (4 Acid) Cert				71.0			6.43				2.51			1.69	950		0.324			630			0.691
OREAS 621 (4 Acid) Meas	283	45.6	27.6	30	2.98	3450	3.86	27.8	4.4	1.72	2.20	17.3	14.4	0.53	530	13.5	1.36	9.1	27.2	380	> 10000	80.4	4.59
OREAS 621 (4 Acid) Cert	284	46.6	29.3	37.1	3.28	3630	3.70	24.6	4.41	1.83	2.20	21.6	14.2	0.507	532	13.6	1.31	8.61	26.2	359	13600	84.0	4.48
OREAS 621 (4 Acid) Meas				25			3.74				1.98			0.51	528		1.33			360			4.50
OREAS 621 (4 Acid) Cert				37.1			3.70				2.20			0.507	532		1.31			359			4.48
OREAS 522 (4 Acid) Meas				33			23.9				2.76			1.14	3740		0.63			850			2.42
OREAS 522 (4 Acid) Cert				29.6			24.6				2.83			1.12	3970		0.633			890			2.50
Oreas 77b (4 Acid Digest) Meas				252			28.1				0.33			2.52	620		0.42						
Oreas 77b (4 Acid Digest) Cert				280			29.9				0.361			2.59	640		0.434						
Oreas 237 (fire Assay) Meas																							
Oreas 237 (fire Assay) Cert																							
Oreas 237 (fire																							

Analyte Symbol	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP
Assay) Meas																							
Oreas 237 (fire Assay) Cert																							
70758 Orig																							
70758 Dup																							
70760 Orig																							
70760 Dup																							
70766 Orig																							
70766 Dup																							
Method Blank																							
Method Blank				< 1			< 0.01				< 0.01			< 0.01			< 0.01			< 10			< 0.01
Method Blank							< 0.01				< 0.01			< 0.01			< 0.01			< 10			< 0.01
Method Blank							< 0.01				< 0.01			< 0.01	< 5		< 0.01			< 10			< 0.01
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Sb	Sc	Se	Sn	Sr	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.1	1	0.2	0.2	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS
DNC-1 Meas														
DNC-1 Cert														
GBW 07113 Meas														
GBW 07113 Cert														
SDC-1 Meas							0.177			43			103	
SDC-1 Cert							0.606			102.00			103.00	
TDB-1 Meas														
TDB-1 Cert														
W-2a Meas														
W-2a Cert														
DTS-2b Meas														
DTS-2b Cert														
SY-4 Meas														
SY-4 Cert														
Oreas 72a (4 Acid Digest) Meas														
Oreas 72a (4 Acid Digest) Cert														
BIR-1a Meas														
BIR-1a Cert														
ZW-C Meas														
ZW-C Cert														
OREAS 101b (Fusion) Meas														
OREAS 101b (Fusion) Cert														
NCS DC86318 Meas														
NCS DC86318 Cert														
SARM 3 Meas														
SARM 3 Cert														
USZ 25-2006 Meas														
USZ 25-2006 Cert														
DNC-1a Meas	0.78	29.8			139		0.294			147		15.6	59	36.5
DNC-1a Cert	0.96	31			144		0.29			148		18.0	70	38.0
OREAS 13b (4-Acid) Meas													144	
OREAS 13b (4-Acid) Cert													133	
NCS DC86303 Meas														
NCS DC86303 Cert														
NCS DC86304 Meas														
NCS DC86304 Cert														
NCS DC86314 Meas														
NCS DC86314 Cert														
USZ 42-2006 Meas														

Analyte Symbol	Sb	Sc	Se	Sn	Sr	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.1	1	0.2	0.2	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS
USZ 42-2006 Cert														
PK2 Meas														
PK2 Cert														
OREAS 904 (Aqua Regia) Meas										85			27	
OREAS 904 (Aqua Regia) Cert										21.7			22.4	
Lithium Tetraborate FX-LT 100 lot#220610B Meas														
Lithium Tetraborate FX-LT 100 lot#220610B Cert														
Lithium Tetraborate FX-LT 100 lot#220610B Meas														
Lithium Tetraborate FX-LT 100 lot#220610B Cert														
OREAS 45d (4-Acid) Meas							0.251			117			45	
OREAS 45d (4-Acid) Cert							0.773			235.0			45.7	
REE-1 Meas														
REE-1 Cert														
OREAS 96 (4 Acid) Meas													448	
OREAS 96 (4 Acid) Cert													457	
OREAS 923 (4 Acid) Meas							0.429			95			360	
OREAS 923 (4 Acid) Cert							0.405			91.0			345	
OREAS 621 (4 Acid) Meas	20.2	5.6	5	5.3	60.5	4.0	0.196	2.04	2.8	35	1.7	11.8	> 10000	175
OREAS 621 (4 Acid) Cert	139	6.24	5.64	5.25	91.0	7.48	0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas							0.191			33			> 10000	
OREAS 621 (4 Acid) Cert							0.149			31.8			52200	
OREAS 522 (4 Acid) Meas							0.242			138			32	
OREAS 522 (4 Acid) Cert							0.344			164			30.2	
Oreas 77b (4 Acid Digest) Meas							0.062			34			180	
Oreas 77b (4 Acid Digest) Cert							0.0640			33.6			205	
Oreas 237 (fire Assay) Meas														
Oreas 237 (fire Assay) Cert														
Oreas 237 (fire														

Analyte Symbol	Sb	Sc	Se	Sn	Sr	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.1	1	0.2	0.2	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS
Assay) Meas														
Oreas 237 (fire Assay) Cert														
70758 Orig														
70758 Dup														
70760 Orig														
70760 Dup														
70766 Orig														
70766 Dup														
Method Blank														
Method Blank							< 0.005			< 1			< 2	
Method Blank							< 0.005			< 1			< 2	
Method Blank							< 0.005			< 1			< 2	
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 25-NOV-2020
Account: LAFEXP

CERTIFICATE TM20229563

This report is for 11 Rock samples submitted to our lab in Timmins, ON, Canada on 9-OCT-2020.

The following have access to data associated with this certificate:

IAN CAMPBELL	ADAM FINDLEY	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 25-NOV-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20229563

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
B584301		0.99	0.114		<0.5	3.21	<5	100	2.0	<2	2.44	<0.5	20	204	58	3.81
B584302		1.21	2.21		<0.5	4.93	<5	260	2.9	6	2.40	0.7	33	37	142	8.33
B584303		2.37	0.116		<0.5	6.26	<5	340	2.7	2	4.83	0.7	40	39	52	10.45
B584304		2.13	0.122		<0.5	4.97	<5	190	3.2	<2	4.03	0.5	30	352	45	5.43
B584305		1.55	>10.0	27.4	1.0	7.73	<5	2660	0.8	<2	1.71	<0.5	14	67	38	3.30
B584306		1.20	3.43		<0.5	7.49	<5	2310	1.1	2	0.96	<0.5	21	68	174	5.36
B584307		0.43	0.700		<0.5	8.90	<5	3410	1.4	<2	0.45	<0.5	12	48	91	3.79
B584451		2.84	1.330		1.4	1.13	<5	300	<0.5	<2	0.10	<0.5	12	28	42	1.88
B584452		1.54	<0.005		<0.5	6.87	<5	90	0.8	4	5.54	0.6	30	25	72	8.49
B584453		1.23	0.010		0.5	6.77	<5	160	<0.5	9	6.09	0.9	36	67	75	11.30
B584454		2.18	0.020		<0.5	9.02	<5	3090	5.1	<2	1.03	<0.5	3	12	6	1.77

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

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 25-NOV-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20229563

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
B584301		20	1.63	10	1.78	724	<1	0.17	67	130	5	0.33	<5	18	139	<20
B584302		20	2.52	10	1.90	1270	1	0.47	40	280	6	2.42	<5	33	144	<20
B584303		20	3.88	10	2.73	1600	<1	0.11	50	370	5	1.20	<5	39	239	<20
B584304		20	2.77	10	2.24	1130	1	0.36	116	340	6	0.72	<5	26	222	<20
B584305		20	4.34	130	0.53	683	<1	3.96	78	1910	20	0.86	<5	4	1095	20
B584306		20	3.55	230	0.24	1260	1	3.87	65	2700	28	0.51	<5	8	657	30
B584307		20	3.20	140	0.13	857	<1	4.84	51	1440	29	0.19	<5	6	1405	20
B584451		<10	0.27	10	0.14	116	1	0.50	10	170	3	1.18	<5	4	20	<20
B584452		20	0.74	10	2.54	1080	1	1.35	33	490	3	0.15	<5	36	339	<20
B584453		20	0.39	10	3.07	1560	23	2.30	50	1090	5	1.52	<5	45	189	<20
B584454		30	5.18	60	0.33	553	<1	4.73	5	260	31	0.03	<5	1	1025	30

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

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 25-NOV-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20229563

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
B584301		0.17	<10	<10	160	<10	80
B584302		0.25	<10	<10	298	<10	132
B584303		0.37	<10	<10	306	<10	130
B584304		0.21	<10	<10	235	<10	107
B584305		0.25	<10	<10	125	40	46
B584306		0.31	<10	<10	162	10	57
B584307		0.36	<10	<10	112	<10	59
B584451		0.09	<10	<10	27	<10	13
B584452		0.65	<10	<10	281	<10	84
B584453		1.20	<10	<10	466	<10	118
B584454		0.15	<10	<10	35	<10	76

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

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 25-NOV-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20229563

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA23	Au-GRA21	ME-ICP61	

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE TM20243035

This report is for 46 Rock samples submitted to our lab in Timmins, ON, Canada on 23-OCT-2020.

The following have access to data associated with this certificate:

IAN CAMPBELL	ADAM FINDLEY	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
B584455		2.51	0.025		<0.5	6.18	5	30	0.6	5	0.36	0.5	86	67	54	15.40
B584456		1.34	<0.005		<0.5	0.77	<5	10	<0.5	2	0.05	<0.5	7	28	56	2.36
B584457		1.57	<0.005		<0.5	6.62	5	60	<0.5	<2	1.76	1.3	31	49	106	12.95
B584458		2.15	0.068		<0.5	7.14	<5	1320	1.7	<2	1.33	<0.5	8	16	10	1.71
B584459		1.83	0.020		<0.5	5.16	6	40	0.9	5	0.17	0.5	93	47	110	18.15
B584460		1.52	0.065		<0.5	5.74	<5	110	<0.5	<2	1.35	1.1	256	5	711	18.25
B584461		1.26	<0.005		<0.5	7.11	<5	250	1.6	<2	6.05	0.5	20	112	17	5.06
B584462		2.46	>10.0	26.9	4.0	6.30	11	40	0.7	3	3.30	0.7	25	8	78	11.30
B584463		1.33	>10.0	15.70	2.1	7.52	6	70	0.6	<2	1.80	<0.5	21	23	35	9.33
B584464		1.24	0.134		<0.5	2.09	<5	40	<0.5	<2	1.32	<0.5	7	123	3	2.37
B584465		1.63	0.311		<0.5	5.38	<5	210	0.6	<2	0.84	<0.5	11	10	25	6.00
B584466		1.39	0.020		<0.5	6.73	5	360	0.8	<2	4.74	<0.5	37	26	49	12.90
B584467		2.03	<0.005		<0.5	6.87	5	350	0.8	<2	4.94	0.6	33	220	3	6.99
B584468		1.85	0.012		<0.5	5.57	<5	110	0.7	4	2.35	<0.5	17	45	32	8.43
B584469		1.04	0.008		<0.5	2.38	5	40	0.5	<2	0.24	<0.5	10	19	16	2.75
B584470		0.85	<0.005		<0.5	5.65	5	270	1.0	<2	2.53	0.6	11	12	26	4.38
B584471		1.22	<0.005		<0.5	6.47	5	270	1.2	<2	2.94	<0.5	17	15	43	6.77
B584472		1.98	0.013		<0.5	3.89	<5	240	0.9	<2	1.83	<0.5	7	16	40	4.02
B584473		1.55	<0.005		<0.5	5.89	<5	240	1.1	<2	3.22	<0.5	12	24	26	3.52
B584474		1.36	<0.005		<0.5	5.62	6	270	1.1	<2	2.52	<0.5	21	48	79	3.22
B584475		1.97	<0.005		<0.5	8.13	5	60	<0.5	<2	2.91	<0.5	43	265	3530	6.41
B584476		1.18	<0.005		<0.5	6.08	<5	100	<0.5	<2	6.95	0.8	43	56	107	9.85
B584477		2.00	0.495		<0.5	5.70	<5	1340	0.9	5	0.09	<0.5	1	13	4	0.48
B584478		1.40	0.139		<0.5	8.03	<5	2290	1.5	3	0.22	<0.5	2	14	5	0.91
B584479		1.89	0.095		<0.5	4.24	7	350	2.2	2	1.72	<0.5	25	47	81	5.50
B584480		2.02	0.102		<0.5	6.34	<5	1190	0.8	<2	0.25	<0.5	3	15	5	0.84
B584481		1.29	0.291		2.4	0.03	<5	20	<0.5	48	0.02	<0.5	<1	24	34	0.33
B584201		0.50	<0.005		<0.5	6.52	5	280	2.5	2	2.69	<0.5	15	108	43	2.88
B584202		0.43	0.008		<0.5	2.27	5	10	1.3	<2	0.37	<0.5	23	15	1	4.33
B584203		0.32	<0.005		<0.5	2.23	<5	10	<0.5	<2	0.19	<0.5	10	27	1	3.15
B584204		0.39	<0.005		<0.5	0.87	<5	20	<0.5	<2	0.11	<0.5	2	17	2	1.00
B584205		1.59	0.005		<0.5	4.96	<5	130	0.7	<2	0.90	<0.5	16	17	70	5.63
B584206		1.39	0.005		<0.5	5.76	5	110	0.9	2	1.38	<0.5	26	21	64	6.43
B584207		0.63	0.005		<0.5	5.84	<5	40	1.2	<2	0.79	<0.5	18	12	15	5.40
B584208		0.64	<0.005		<0.5	5.66	<5	80	0.8	<2	3.17	<0.5	14	14	41	5.20
B584209		1.17	<0.005		0.6	3.57	<5	40	0.5	<2	5.89	<0.5	32	15	1190	5.23
B584210		2.29	0.018		<0.5	2.38	<5	10	<0.5	<2	0.23	<0.5	13	17	70	3.43
B584211		1.12	0.005		<0.5	5.27	7	30	0.7	<2	1.15	<0.5	32	131	59	5.17
B584212		0.31	<0.005		<0.5	4.18	<5	380	0.6	<2	2.50	<0.5	7	12	35	3.36
B584213		1.28	0.009		<0.5	2.47	<5	230	<0.5	<2	1.01	<0.5	7	17	26	2.16

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
B584455		10	2.51	<10	1.60	505	<1	0.16	59	280	<2	>10.0	<5	56	9	<20
B584456		<10	0.01	<10	0.49	276	<1	0.03	6	40	<2	0.38	<5	2	2	<20
B584457		20	0.23	<10	3.48	1695	2	0.82	53	430	<2	0.63	<5	47	45	<20
B584458		20	0.65	40	0.53	150	26	4.91	14	700	15	0.76	<5	2	796	<20
B584459		10	2.16	<10	1.14	409	2	0.20	56	310	3	>10.0	<5	40	18	<20
B584460		30	0.22	<10	3.15	1500	<1	0.19	13	710	<2	6.15	<5	41	97	<20
B584461		20	0.87	80	2.95	913	<1	3.71	142	2740	5	0.11	<5	12	723	<20
B584462		20	0.08	10	0.91	1450	12	4.15	16	2080	10	4.54	<5	21	293	<20
B584463		20	0.15	10	0.91	1285	16	5.22	27	1070	7	1.89	<5	22	147	<20
B584464		10	0.09	10	0.87	629	1	1.27	49	340	14	0.13	<5	10	74	<20
B584465		20	0.48	10	0.68	693	32	3.37	10	1220	6	0.70	<5	16	106	<20
B584466		20	0.69	10	1.83	2620	4	1.78	14	2430	<2	0.27	<5	44	246	<20
B584467		20	1.13	10	3.22	1650	<1	1.58	105	660	<2	0.01	<5	28	194	<20
B584468		20	0.52	10	1.07	1765	7	3.25	26	1010	<2	0.25	<5	23	78	<20
B584469		10	0.20	<10	0.64	226	<1	0.93	9	340	<2	0.06	<5	10	15	<20
B584470		20	0.50	10	0.98	646	<1	2.23	13	590	5	0.06	<5	18	154	<20
B584471		20	0.55	10	1.45	849	1	2.31	16	730	<2	0.31	<5	21	125	<20
B584472		20	0.38	10	0.83	553	<1	1.26	9	370	<2	0.17	<5	10	112	<20
B584473		20	0.54	10	1.11	801	<1	2.60	11	580	6	0.04	<5	16	194	<20
B584474		20	0.54	10	0.88	682	1	2.77	16	540	10	0.29	<5	17	194	<20
B584475		20	0.03	10	3.78	1265	2	4.55	168	310	4	0.40	<5	16	383	<20
B584476		20	0.39	<10	2.43	1440	2	1.67	58	470	3	0.22	<5	38	343	<20
B584477		20	2.00	<10	0.07	49	<1	3.63	2	110	9	0.03	<5	1	266	<20
B584478		20	3.00	10	0.17	88	<1	5.07	6	230	18	0.26	<5	1	432	<20
B584479		30	2.10	<10	1.91	888	1	0.75	31	330	12	1.18	<5	25	101	<20
B584480		20	3.33	10	0.23	74	2	3.51	6	250	14	0.25	<5	1	199	<20
B584481		<10	0.01	<10	0.01	33	5	0.01	1	10	26	0.01	<5	<1	4	<20
B584201		20	0.60	20	1.89	642	<1	4.56	37	1320	9	0.03	<5	9	517	<20
B584202		10	0.03	<10	2.24	361	<1	0.24	21	280	<2	0.01	<5	16	11	<20
B584203		10	0.03	<10	0.95	280	1	0.77	11	260	<2	0.03	<5	11	20	<20
B584204		<10	0.02	<10	0.19	81	<1	0.50	2	110	<2	<0.01	<5	3	16	<20
B584205		20	1.61	10	2.00	684	<1	1.49	14	750	<2	0.20	<5	24	9	<20
B584206		20	0.44	10	1.14	601	<1	2.69	22	660	<2	0.52	<5	22	62	<20
B584207		20	0.16	10	1.35	415	<1	2.99	15	740	<2	0.10	<5	21	51	<20
B584208		20	0.30	10	0.87	702	1	2.81	11	680	<2	0.30	<5	21	145	<20
B584209		10	0.18	10	2.93	1400	<1	1.00	24	440	26	0.11	<5	17	51	<20
B584210		10	0.04	<10	0.22	135	<1	1.76	7	190	2	0.85	<5	6	28	<20
B584211		20	0.05	10	1.57	699	1	2.62	78	560	<2	0.53	<5	15	40	<20
B584212		20	0.78	10	0.67	500	<1	1.21	8	470	7	0.03	<5	12	204	<20
B584213		10	0.51	<10	0.45	296	<1	0.42	8	280	<2	0.01	<5	6	85	<20

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

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To: **LASALLE EXPLORATION CORPORATION**
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
B584455		0.70	<10	<10	422	<10	31
B584456		0.03	<10	<10	27	<10	46
B584457		0.81	<10	<10	368	<10	265
B584458		0.13	<10	<10	30	<10	54
B584459		0.49	10	<10	331	<10	26
B584460		0.87	<10	<10	287	<10	115
B584461		0.48	<10	<10	106	<10	102
B584462		0.87	10	<10	108	<10	46
B584463		0.71	<10	<10	89	<10	56
B584464		0.11	<10	<10	39	<10	43
B584465		0.42	<10	<10	41	<10	44
B584466		1.28	10	<10	57	<10	151
B584467		0.46	<10	<10	125	<10	124
B584468		0.56	<10	<10	71	<10	76
B584469		0.25	<10	<10	39	<10	30
B584470		0.46	<10	<10	85	<10	118
B584471		0.57	<10	<10	118	<10	67
B584472		0.25	<10	<10	32	<10	35
B584473		0.45	<10	<10	70	<10	46
B584474		0.42	<10	<10	83	<10	49
B584475		0.24	<10	<10	104	<10	110
B584476		0.83	<10	<10	354	<10	131
B584477		0.03	<10	<10	7	<10	8
B584478		0.06	<10	<10	14	<10	19
B584479		0.45	<10	<10	427	<10	97
B584480		0.03	<10	<10	16	<10	8
B584481		<0.01	<10	<10	2	<10	5
B584201		0.26	<10	<10	87	<10	83
B584202		0.26	<10	<10	83	<10	59
B584203		0.22	<10	<10	58	<10	42
B584204		0.08	<10	<10	15	<10	8
B584205		0.60	10	<10	72	<10	120
B584206		0.48	<10	<10	80	<10	78
B584207		0.56	<10	<10	78	<10	78
B584208		0.50	<10	<10	74	<10	59
B584209		0.44	<10	<10	189	<10	123
B584210		0.08	<10	<10	26	<10	7
B584211		0.38	10	<10	103	<10	57
B584212		0.36	<10	<10	63	<10	31
B584213		0.15	<10	<10	24	<10	19

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502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
B584214		1.34	0.133		<0.5	2.71	<5	110	0.6	<2	3.71	<0.5	12	18	61	3.08
B584215		1.82	<0.005		<0.5	2.22	<5	20	<0.5	<2	4.06	<0.5	48	850	4	4.69
B584216		0.92	<0.005		<0.5	5.79	<5	70	0.8	<2	3.70	<0.5	7	16	8	2.77
B584217		0.62	<0.005		0.8	5.21	<5	20	0.8	<2	5.25	0.5	25	84	34	6.04
B584218		1.64	<0.005		<0.5	1.89	<5	20	<0.5	<2	1.83	<0.5	20	255	17	2.54
B584219		1.12	<0.005		<0.5	8.06	7	320	3.1	2	4.61	0.7	21	241	10	3.43

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VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
B584214		10	0.31	<10	0.82	654	1	0.80	9	440	<2	0.18	<5	11	29	<20
B584215		10	0.01	<10	7.72	1125	<1	0.06	419	90	<2	0.01	<5	9	19	<20
B584216		20	0.16	10	1.46	720	1	3.38	11	600	<2	0.06	<5	30	147	<20
B584217		20	0.16	10	2.37	1140	<1	2.17	48	300	4	0.05	<5	32	189	<20
B584218		<10	0.02	<10	3.05	566	1	0.56	140	50	5	0.01	<5	5	24	<20
B584219		20	1.22	10	3.17	688	<1	2.85	53	140	29	0.03	<5	15	304	20

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CERTIFICATE OF ANALYSIS TM20243035

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
B584214		0.18	<10	<10	52	<10	29
B584215		0.07	<10	<10	60	<10	130
B584216		0.68	<10	<10	98	<10	64
B584217		0.51	<10	<10	226	<10	80
B584218		0.04	<10	<10	43	<10	57
B584219		0.12	<10	<10	62	<10	54

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VANCOUVER BC V6E 3J7

Finalized Date: 20-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20243035

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA23	Au-GRA21	ME-ICP61	

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

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502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 17-DEC-2020
Account: LAFEXP

CERTIFICATE TM20246311

This report is for 9 Rock samples submitted to our lab in Timmins, ON, Canada on 27-OCT-2020.

The following have access to data associated with this certificate:

IAN CAMPBELL	ADAM FINDLEY	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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Finalized Date: 17-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20246311

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
B584482		2.00	1.485	2.7	3.88	<5	150	0.8	20	0.22	<0.5	13	13	326	3.90	10
B584483		1.93	4.01	0.7	6.61	8	260	2.5	4	0.77	<0.5	61	47	28	13.10	40
B584484		2.33	0.354	<0.5	4.53	<5	630	0.8	4	0.06	<0.5	1	12	1	0.59	10
B584485		2.42	0.090	<0.5	4.72	<5	1200	0.9	<2	0.14	<0.5	1	22	2	0.71	10
B584486		1.86	0.170	<0.5	8.21	<5	1240	1.2	<2	1.28	<0.5	5	10	2	1.89	20
B584487		0.60	<0.005	<0.5	7.03	6	90	0.6	2	5.66	<0.5	37	36	78	10.15	20
B584488		1.49	0.005	<0.5	6.57	<5	90	<0.5	<2	7.85	1.2	47	24	56	15.40	20
B584220		1.78	0.093	<0.5	6.57	<5	1270	1.5	<2	0.12	<0.5	<1	8	2	0.76	20
B584221		0.68	0.009	<0.5	5.80	<5	110	1.3	<2	0.11	<0.5	<1	6	3	0.33	20

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CERTIFICATE OF ANALYSIS TM20246311

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
B584482		1.36	<10	0.02	31	94	2.62	8	210	63	4.10	<5	1	108	<20	0.03
B584483		4.17	<10	4.32	911	3	0.43	74	230	11	4.90	<5	42	103	<20	0.85
B584484		1.92	<10	0.03	25	108	2.91	2	100	61	0.13	<5	<1	177	<20	0.03
B584485		2.38	10	0.18	69	5	2.63	2	280	20	0.14	<5	1	229	<20	0.06
B584486		4.63	20	0.32	141	2	4.57	10	980	39	1.20	<5	2	280	<20	0.13
B584487		0.34	<10	2.16	1690	1	2.86	38	640	4	0.07	<5	38	135	<20	0.88
B584488		0.41	<10	3.28	2730	1	1.48	46	1060	3	0.15	<5	41	189	<20	1.17
B584220		3.11	10	0.12	48	6	4.27	<1	180	26	0.02	<5	1	372	<20	0.06
B584221		0.27	<10	0.04	31	11	6.08	<1	110	11	0.02	<5	<1	239	<20	0.03

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CERTIFICATE OF ANALYSIS TM20246311

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOD	10	10	1	10	2
B584482		<10	<10	3	<10	2
B584483		<10	<10	562	<10	203
B584484		<10	<10	7	<10	4
B584485		<10	<10	19	<10	15
B584486		<10	<10	5	<10	19
B584487		<10	<10	327	<10	127
B584488		<10	<10	315	<10	188
B584220		<10	<10	11	<10	7
B584221		<10	<10	5	<10	3

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Finalized Date: 17-DEC-2020
Account: LAFEXP

CERTIFICATE OF ANALYSIS TM20246311

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA23	ME-ICP61	

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 19-JUN-2021
Account: LAFEXP

CERTIFICATE TM21126446

Project: EGAN

This report is for 59 samples of Rock submitted to our lab in Timmins, ON, Canada on 20-MAY-2021.

The following have access to data associated with this certificate:

ADAM FINDLEY DUNCAN STUDD	TARA SAGRIFF	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

Signature:
Saa Traxler, General Manager, North Vancouver

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502–1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method	WEI–21	Au–AA23	Au–GRA21	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.005	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
C768001		1.94	0.009		<0.5	3.57	<5	5200	<0.5	<2	0.13	<0.5	1	15	31	0.91
C768002		1.25	<0.005		<0.5	8.32	<5	4420	1.3	<2	1.92	<0.5	9	21	6	1.90
C768003		1.32	<0.005		<0.5	8.28	<5	4970	1.5	<2	0.66	<0.5	1	3	2	1.09
C768004		2.42	<0.005		<0.5	6.12	<5	640	2.2	<2	0.18	<0.5	1	10	1	0.78
C768005		2.23	<0.005		<0.5	6.34	<5	60	0.6	<2	8.50	0.5	45	50	113	11.75
C768006		2.34	<0.005		<0.5	6.18	<5	240	0.7	<2	4.53	<0.5	46	588	3	7.12
C768007		1.38	<0.005		<0.5	5.07	<5	320	1.3	2	3.71	<0.5	21	48	66	9.77
C768008		2.03	0.074		<0.5	6.52	<5	1520	2.5	<2	1.15	<0.5	4	12	20	2.28
C768009		1.23	0.216		<0.5	5.45	<5	1490	1.4	<2	0.64	<0.5	2	12	17	1.87
C768010		1.82	<0.005		<0.5	0.53	<5	10	<0.5	<2	0.06	<0.5	<1	20	14	1.22
C768011		1.92	<0.005		<0.5	4.36	<5	50	1.2	<2	1.54	<0.5	2	22	11	4.15
C768012		2.67	<0.005		<0.5	5.26	<5	420	1.7	<2	0.79	<0.5	2	14	13	4.18
C768013		0.75	<0.005		<0.5	0.10	<5	10	<0.5	2	0.02	<0.5	<1	26	6	0.83
C768014		0.85	0.012		<0.5	5.43	<5	220	1.1	<2	0.21	<0.5	8	5	10	11.25
C768015		1.80	0.041		<0.5	5.40	<5	470	0.7	<2	0.80	<0.5	31	3	34	17.00
C768016		1.67	>10.0	19.00	4.6	6.47	<5	40	0.6	<2	4.81	<0.5	14	7	90	12.50
C768017		1.05	>10.0	44.7	8.0	7.49	<5	80	0.6	<2	3.35	<0.5	10	59	51	9.96
C768018		1.64	0.039		<0.5	5.74	<5	250	0.8	<2	4.25	0.6	27	7	66	13.30
C768019		0.83	0.029		<0.5	2.13	<5	200	<0.5	<2	1.23	<0.5	10	170	6	2.55
C768020		1.90	0.452		0.5	5.18	<5	90	0.9	<2	3.74	<0.5	18	6	58	10.35
C768101		0.82	0.006		<0.5	8.19	<5	3340	2.2	<2	1.15	<0.5	5	15	2	1.46
C768102		0.92	0.011		<0.5	8.69	<5	2020	1.5	<2	0.35	<0.5	1	9	3	1.05
C768103		0.72	0.010		<0.5	6.28	<5	130	1.6	<2	0.03	<0.5	<1	7	1	0.74
C768104		0.90	<0.005		<0.5	7.32	<5	20	2.0	<2	0.13	<0.5	2	11	<1	1.00
C768105		0.98	<0.005		<0.5	6.52	<5	280	2.3	<2	0.20	<0.5	1	15	1	0.81
C768106		0.55	<0.005		<0.5	5.46	<5	150	1.7	<2	0.05	<0.5	<1	7	2	0.65
C768107		1.21	0.010		<0.5	5.20	<5	630	2.1	2	0.18	<0.5	1	12	1	0.86
C768108		1.04	0.005		<0.5	6.18	<5	110	1.0	<2	6.34	<0.5	26	627	17	6.11
C768109		1.77	<0.005		<0.5	3.18	<5	40	0.6	<2	3.45	<0.5	16	293	3	3.71
C768110		0.82	0.005		<0.5	7.47	<5	100	0.9	3	4.76	<0.5	14	7	95	7.93
C768111		0.80	<0.005		<0.5	5.41	<5	150	0.7	<2	2.02	<0.5	12	14	56	10.95
C768112		0.93	<0.005		<0.5	5.76	<5	60	0.9	2	1.91	<0.5	2	10	2	7.38
C768113		0.78	0.009		<0.5	7.57	<5	200	0.7	<2	6.85	0.5	44	141	169	9.09
C768051		0.97	<0.005		<0.5	7.28	<5	160	0.6	<2	6.32	<0.5	43	70	153	9.24
C768052		0.90	<0.005		<0.5	6.20	<5	140	0.7	<2	6.12	0.6	52	69	153	11.85
C768053		1.11	<0.005		<0.5	6.62	<5	70	1.0	<2	3.41	<0.5	14	17	16	6.74
C768054		0.83	<0.005		<0.5	7.70	<5	930	1.3	2	4.16	<0.5	28	36	78	6.92
C768055		0.71	0.005		<0.5	7.69	<5	1210	2.0	<2	0.36	<0.5	<1	8	1	0.63
C768056		1.13	<0.005		<0.5	3.01	5	1190	9.6	2	11.70	0.5	29	59	2	5.57
C768057		0.99	<0.005		<0.5	7.94	<5	6150	1.6	<2	0.92	<0.5	3	12	7	1.26

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502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 19-JUN-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method Analyte Units LOD	ME-ICP61 Ca ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
C768001		10	1.82	<10	0.08	127	1	1.77	2	90	3	0.10	<5	<1	662	<20
C768002		20	4.35	20	0.63	1095	<1	4.60	14	790	12	0.02	<5	3	2630	<20
C768003		30	5.96	<10	0.06	226	1	4.11	1	40	8	0.03	<5	<1	2460	<20
C768004		20	2.55	<10	0.12	90	<1	4.44	2	90	2	0.01	<5	<1	106	<20
C768005		20	0.38	<10	1.82	1965	4	0.62	55	560	7	0.54	<5	44	353	<20
C768006		20	1.09	<10	7.25	1440	5	2.08	308	330	9	<0.01	<5	25	73	<20
C768007		20	0.73	10	1.66	1315	1	2.50	13	1730	14	0.15	<5	30	249	<20
C768008		20	0.83	50	0.38	586	<1	5.01	5	470	21	0.04	<5	2	426	<20
C768009		20	0.66	30	0.15	359	1	4.14	3	290	19	0.05	<5	1	282	<20
C768010		<10	0.03	<10	<0.01	71	1	0.38	<1	40	<2	0.14	<5	<1	15	<20
C768011		20	0.14	10	0.03	636	1	2.64	<1	140	2	0.09	<5	4	112	<20
C768012		20	2.06	<10	0.21	762	2	1.14	<1	30	<2	0.22	<5	1	81	<20
C768013		<10	0.02	<10	<0.01	70	1	0.06	<1	20	<2	0.03	<5	<1	1	<20
C768014		20	1.53	10	0.78	1795	6	0.39	<1	240	2	0.18	<5	9	9	<20
C768015		20	1.20	20	1.38	3770	1	0.52	16	1770	2	0.34	<5	32	40	<20
C768016		30	0.09	10	0.89	1340	11	3.75	5	1850	8	0.99	<5	30	623	<20
C768017		30	0.22	10	0.94	1320	23	4.84	32	1450	10	0.68	<5	18	425	<20
C768018		30	0.52	10	1.88	2990	4	1.32	4	2050	<2	0.37	<5	38	117	<20
C768019		10	0.26	10	1.17	539	6	1.00	67	110	3	0.11	<5	5	77	<20
C768020		20	0.25	<10	0.92	1835	32	3.11	6	2040	7	0.72	<5	32	172	<20
C768101		30	4.54	10	0.44	495	1	4.79	9	260	9	0.02	<5	2	1265	<20
C768102		30	4.51	10	0.21	224	1	5.26	3	130	8	0.01	<5	1	1060	<20
C768103		20	2.08	<10	0.09	59	<1	5.29	1	70	<2	<0.01	<5	<1	37	<20
C768104		30	0.29	<10	0.33	112	<1	7.19	2	140	<2	<0.01	<5	1	85	<20
C768105		20	2.18	<10	0.15	104	1	4.86	4	80	2	<0.01	<5	<1	64	<20
C768106		20	2.07	<10	0.06	60	<1	3.65	<1	30	3	<0.01	<5	<1	29	<20
C768107		20	2.10	10	0.13	102	1	3.36	1	90	<2	0.01	<5	<1	99	<20
C768108		20	0.35	10	5.27	1180	3	1.75	332	780	4	0.02	<5	22	249	<20
C768109		20	0.31	<10	3.03	691	1	1.28	176	510	3	<0.01	<5	17	73	<20
C768110		30	0.41	<10	1.85	780	1	2.19	23	300	5	1.25	<5	32	419	<20
C768111		20	0.64	<10	0.72	962	2	2.65	<1	1500	5	1.11	<5	28	193	<20
C768112		20	0.27	<10	0.18	1185	<1	3.23	<1	550	<2	0.04	<5	16	117	<20
C768113		20	0.46	10	3.42	1460	1	1.92	73	590	6	0.11	<5	36	192	<20
C768051		20	0.64	10	3.31	1455	<1	2.89	63	550	<2	0.07	5	39	178	<20
C768052		20	0.31	10	3.18	1735	1	1.82	64	720	6	0.14	<5	41	140	<20
C768053		20	0.27	10	1.13	1175	1	2.93	8	790	<2	0.03	<5	21	112	<20
C768054		30	1.77	10	1.69	1050	1	3.61	31	620	10	0.08	<5	22	568	<20
C768055		30	2.48	<10	0.14	94	<1	5.73	1	90	14	0.01	<5	<1	425	<20
C768056		20	1.13	230	4.63	1555	1	2.54	59	>10000	15	0.02	<5	27	1595	30
C768057		20	5.29	10	0.43	382	1	3.86	6	300	40	0.06	<5	2	1340	<20

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VANCOUVER BC V6E 3J7

Finalized Date: 19-JUN-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
C768001		0.03	<10	<10	7	<10	9
C768002		0.23	<10	<10	48	<10	55
C768003		0.07	<10	<10	42	<10	12
C768004		0.05	<10	<10	7	<10	12
C768005		0.87	<10	<10	377	<10	131
C768006		0.36	<10	<10	168	<10	149
C768007		0.73	<10	<10	85	<10	119
C768008		0.19	<10	<10	106	<10	73
C768009		0.10	<10	<10	66	<10	34
C768010		0.02	<10	<10	3	<10	2
C768011		0.15	<10	<10	10	<10	14
C768012		0.10	<10	<10	8	<10	32
C768013		0.01	<10	<10	1	<10	<2
C768014		0.26	<10	<10	<1	<10	103
C768015		0.86	<10	<10	26	<10	102
C768016		0.90	<10	<10	107	<10	56
C768017		0.91	<10	<10	154	<10	45
C768018		0.99	<10	<10	40	<10	132
C768019		0.06	<10	<10	41	<10	109
C768020		0.77	<10	<10	75	<10	62
C768101		0.11	<10	<10	33	<10	46
C768102		0.08	<10	<10	25	<10	19
C768103		0.05	<10	<10	6	<10	8
C768104		0.07	<10	<10	12	<10	18
C768105		0.05	<10	<10	9	<10	16
C768106		0.03	<10	<10	4	<10	7
C768107		0.07	<10	<10	9	<10	15
C768108		0.65	<10	<10	196	<10	184
C768109		0.29	<10	<10	110	<10	106
C768110		0.60	<10	<10	309	<10	79
C768111		0.64	<10	<10	17	<10	90
C768112		0.33	<10	<10	<1	<10	77
C768113		0.73	<10	<10	318	<10	136
C768051		0.73	<10	<10	310	<10	96
C768052		0.92	<10	<10	355	<10	137
C768053		0.57	<10	<10	115	<10	108
C768054		0.60	<10	<10	214	<10	89
C768055		0.05	<10	<10	6	<10	20
C768056		0.27	<10	<10	114	<10	202
C768057		0.10	<10	<10	30	<10	40

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CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
C768058		0.73	<0.005		<0.5	6.92	<5	1700	1.5	<2	0.34	<0.5	1	11	3	0.82
C768059		1.16	<0.005		<0.5	4.47	<5	120	<0.5	<2	7.05	0.6	28	41	60	8.26
C768060		1.52	<0.005		<0.5	6.65	<5	310	2.6	<2	0.10	<0.5	1	10	2	0.76
C768061		0.42	<0.005		<0.5	7.06	<5	200	1.9	<2	0.25	<0.5	<1	10	2	0.78
C768062		1.19	<0.005		<0.5	6.64	<5	220	1.9	<2	0.20	<0.5	2	12	1	0.75
C768063		1.22	<0.005		<0.5	6.18	<5	670	1.5	<2	0.32	<0.5	1	10	1	0.67
C768064		1.14	<0.005		<0.5	6.26	<5	80	<0.5	<2	5.52	0.6	37	46	70	9.54
C768065		0.45	<0.005		<0.5	1.42	<5	20	<0.5	<2	2.23	<0.5	9	157	6	2.45
C768066		0.52	0.005		<0.5	6.84	<5	270	0.8	<2	4.50	<0.5	20	13	121	7.30
C768067		1.20	<0.005		<0.5	4.91	<5	80	1.2	3	2.47	<0.5	7	11	24	7.22
C768068		0.60	0.012		<0.5	6.04	<5	110	0.9	<2	3.56	<0.5	15	14	47	7.83
C768069		1.37	0.007		<0.5	7.22	<5	1790	2.6	<2	1.76	<0.5	7	24	11	3.06
C768070		0.90	<0.005		<0.5	6.78	<5	110	0.5	3	7.00	<0.5	29	75	12	8.38
C768071		1.23	<0.005		<0.5	6.16	<5	20	<0.5	2	6.21	0.5	19	37	<1	7.38
C768072		0.79	<0.005		<0.5	5.42	<5	240	0.7	3	5.15	0.6	42	656	2	6.11
C768073		0.93	<0.005		<0.5	5.19	<5	350	1.7	<2	0.47	<0.5	11	7	66	9.34
C768074		0.31	0.176		<0.5	5.00	<5	220	0.7	<2	2.23	<0.5	21	42	36	8.34
C768075		0.93	0.005		<0.5	5.60	<5	310	1.1	2	5.01	0.7	28	138	80	12.45
C768076		0.91	<0.005		<0.5	5.86	<5	350	1.3	4	5.28	0.5	28	132	52	12.40

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Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
C768058		20	3.31	<10	0.16	110	46	4.49	3	160	36	0.04	<5	1	353	<20
C768059		20	0.20	<10	1.77	1700	1	0.65	31	820	<2	0.09	<5	30	178	<20
C768060		30	3.10	<10	0.32	67	1	4.78	4	110	3	<0.01	<5	1	58	<20
C768061		20	2.72	<10	0.18	125	<1	4.92	5	100	<2	<0.01	<5	1	116	<20
C768062		20	2.74	10	0.24	92	<1	4.76	4	140	3	<0.01	<5	1	279	<20
C768063		20	2.70	<10	0.13	130	1	4.59	2	70	4	0.01	<5	1	86	<20
C768064		20	0.35	<10	2.40	1330	1	1.81	50	560	5	0.11	<5	35	146	<20
C768065		10	0.11	<10	0.79	414	1	0.18	50	140	2	<0.01	<5	6	53	<20
C768066		20	0.64	10	1.60	1215	1	2.63	23	1210	6	0.29	<5	27	255	<20
C768067		20	0.49	10	0.47	1495	1	2.52	<1	660	6	0.02	<5	16	85	<20
C768068		20	0.42	<10	1.47	1015	1	2.41	11	730	3	0.02	<5	23	108	<20
C768069		20	2.16	40	0.67	770	1	4.65	12	510	21	0.01	<5	4	1335	<20
C768070		20	0.36	<10	3.99	890	13	2.33	74	430	2	0.04	<5	41	218	<20
C768071		20	0.07	<10	2.63	351	<1	2.65	38	540	2	0.01	<5	38	331	<20
C768072		20	1.12	<10	6.87	1095	7	1.03	374	690	<2	0.01	<5	19	87	<20
C768073		20	1.31	10	0.53	1380	3	1.41	<1	330	3	0.43	<5	7	68	<20
C768074		20	0.58	10	1.77	1785	12	2.06	32	1490	4	0.35	<5	27	148	<20
C768075		30	1.04	10	3.43	2370	2	1.15	83	1420	6	0.30	<5	28	162	<20
C768076		20	1.12	10	3.18	2490	1	1.49	76	1500	<2	0.17	<5	30	162	<20

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

ALS Canada Ltd.
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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 19-JUN-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
C768058		0.04	<10	<10	10	<10	15
C768059		1.05	<10	<10	341	<10	89
C768060		0.05	<10	10	8	<10	24
C768061		0.05	<10	<10	9	<10	14
C768062		0.06	<10	<10	9	<10	15
C768063		0.04	<10	<10	8	<10	18
C768064		0.77	<10	<10	325	<10	115
C768065		0.08	<10	<10	61	<10	41
C768066		0.91	<10	<10	284	<10	96
C768067		0.38	<10	<10	33	<10	157
C768068		0.56	<10	<10	82	<10	81
C768069		0.17	<10	<10	82	<10	84
C768070		0.73	<10	<10	313	<10	60
C768071		0.77	<10	<10	275	<10	21
C768072		0.45	<10	<10	147	<10	214
C768073		0.24	<10	<10	4	<10	69
C768074		0.74	<10	<10	60	<10	96
C768075		0.66	<10	<10	80	<10	183
C768076		0.72	<10	<10	72	<10	176

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VANCOUVER BC V6E 3J7

Finalized Date: 19-JUN-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21126446

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA23	Au-GRA21	ME-ICP61

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-21	PUL-32
	PUL-QC	SPL-21	WEI-21	

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 27-JUN-2021
Account: LAFEXP

CERTIFICATE TM21141065

Project: EGAN

This report is for 7 samples of Rock submitted to our lab in Timmins, ON, Canada on 3-JUN-2021.

The following have access to data associated with this certificate:

ADAM FINDLEY DUNCAN STUDD	TARA SAGRIFF	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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

Signature:
Saa Traxler, General Manager, North Vancouver

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To: LASALLE EXPLORATION CORPORATION
502–1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 27–JUN–2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21141065

Sample Description	Method / Analyte / Units / LOD	WEI–21 Recvd Wt. kg 0.02	Au–AA23 Au ppm 0.005	ME–ICP61 Ag ppm 0.5	ME–ICP61 Al % 0.01	ME–ICP61 As ppm 5	ME–ICP61 Ba ppm 10	ME–ICP61 Be ppm 0.5	ME–ICP61 Bi ppm 2	ME–ICP61 Ca % 0.01	ME–ICP61 Cd ppm 0.5	ME–ICP61 Co ppm 1	ME–ICP61 Cr ppm 1	ME–ICP61 Cu ppm 1	ME–ICP61 Fe % 0.01	ME–ICP61 Ga ppm 10
C768157		0.39	<0.005	<0.5	4.66	<5	200	<0.5	2	3.84	<0.5	26	31	97	8.67	20
C768158		0.83	<0.005	<0.5	7.84	<5	200	0.6	<2	4.96	<0.5	33	304	26	5.14	20
C768159		1.11	<0.005	<0.5	2.79	<5	50	0.5	<2	1.37	<0.5	8	12	15	3.22	10
C768031		0.86	<0.005	<0.5	2.93	<5	130	<0.5	<2	2.48	<0.5	18	50	32	3.75	10
C768114		0.24	<0.005	<0.5	0.16	<5	<10	<0.5	2	0.06	<0.5	1	16	8	1.12	<10
C768115		0.88	<0.005	<0.5	1.30	<5	20	<0.5	<2	1.33	<0.5	7	15	72	2.70	<10
C768116		0.53	<0.005	<0.5	0.84	<5	10	<0.5	<2	0.92	<0.5	8	12	100	2.07	<10

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

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502–1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 27–JUN–2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21141065

Sample Description	Method	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61	ME–ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
C768157		0.55	<10	2.15	1320	1	0.46	31	600	3	0.22	<5	28	123	<20	0.66
C768158		0.49	10	5.23	953	<1	2.67	225	250	4	<0.01	<5	18	328	<20	0.25
C768159		0.09	<10	0.66	566	<1	1.35	7	710	<2	0.03	<5	13	37	<20	0.41
C768031		0.28	<10	1.36	684	1	1.12	32	130	2	0.08	<5	17	40	<20	0.27
C768114		0.02	<10	0.06	136	1	0.07	4	20	<2	<0.01	<5	<1	4	<20	0.02
C768115		0.05	<10	0.52	333	2	0.33	3	110	<2	0.13	<5	10	24	<20	0.20
C768116		0.01	<10	0.25	214	3	0.13	8	60	<2	0.14	<5	5	40	<20	0.07

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

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To: LASALLE EXPLORATION CORPORATION
502–1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 27–JUN–2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21141065

Sample Description	Method Analyte Units LOD	ME–ICP61 Tl ppm 10	ME–ICP61 U ppm 10	ME–ICP61 V ppm 1	ME–ICP61 W ppm 10	ME–ICP61 Zn ppm 2
C768157		<10	<10	243	<10	96
C768158		<10	<10	123	<10	81
C768159		<10	<10	54	<10	40
C768031		<10	<10	129	<10	48
C768114		<10	<10	4	<10	4
C768115		<10	<10	78	<10	18
C768116		<10	<10	35	<10	9

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

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VANCOUVER BC V6E 3J7

Finalized Date: 27-JUN-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21141065

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA23	ME-ICP61

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-21	PUL-32
	PUL-QC	SPL-21	WEI-21	

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

CERTIFICATE TM21149238

Project: EGAN

This report is for 75 samples of Rock submitted to our lab in Timmins, ON, Canada on 11-JUN-2021.

The following have access to data associated with this certificate:

ADAM FINDLEY DUNCAN STUDD	TARA SAGRIFF	ALAN SEXTON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

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

Comments: sample ID discrepancy on SSF, corrected by client - email in reports

Signature:

Saa Traxler, General Manager, North Vancouver

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502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.005	0.05	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
C768021		2.04	0.006		<0.5	0.49	<5	10	<0.5	<2	0.54	<0.5	1	16	3	0.89
C768022		1.33	0.008		<0.5	6.45	<5	130	<0.5	<2	5.57	<0.5	89	1	119	13.70
C768023		2.18	0.006		<0.5	4.95	<5	50	<0.5	<2	4.18	<0.5	124	4	138	26.2
C768024		1.16	0.009		<0.5	7.04	<5	90	<0.5	4	5.64	<0.5	38	1	90	16.10
C768025		2.20	<0.005		<0.5	7.14	<5	80	<0.5	<2	7.25	<0.5	44	2	57	11.45
C768026		1.99	0.005		<0.5	6.96	<5	70	<0.5	10	8.00	<0.5	43	4	62	11.10
C768027		1.59	0.005		<0.5	7.03	<5	100	<0.5	14	6.61	<0.5	50	4	51	11.90
C768028		1.50	<0.005		<0.5	8.48	<5	250	<0.5	13	6.75	<0.5	39	4	28	9.67
C768029		2.26	0.005		<0.5	0.51	<5	10	0.5	<2	6.25	0.5	74	7	31	18.35
C768030		1.77	0.007		<0.5	5.81	<5	70	<0.5	21	4.74	0.6	71	3	39	23.7
C768032		0.97	0.039		0.7	4.48	<5	180	0.5	9	0.25	<0.5	49	41	489	19.35
C768033		1.39	0.524		<0.5	7.88	<5	1340	0.7	3	0.29	<0.5	4	41	4	1.15
C768034		0.70	0.009		<0.5	1.41	<5	20	<0.5	3	3.74	<0.5	33	522	83	5.72
C768035		1.05	0.185		2.2	4.64	43	20	<0.5	8	0.12	<0.5	30	780	365	14.55
C768036		2.12	0.028		<0.5	1.06	<5	90	<0.5	<2	0.04	<0.5	<1	21	11	0.73
C768037		1.14	1.035		<0.5	0.98	<5	30	<0.5	6	0.75	<0.5	1	25	3	1.22
C768038		1.25	0.044		0.6	6.21	<5	250	<0.5	8	0.27	<0.5	61	54	21	12.90
C768039		2.67	0.107		0.8	5.75	<5	200	<0.5	7	0.15	<0.5	53	34	14	10.15
C768040		1.45	>10.0	38.9	11.9	0.67	<5	240	<0.5	75	0.22	<0.5	13	27	17	2.93
C768041		1.45	0.175		<0.5	6.56	<5	950	0.8	2	0.67	<0.5	2	14	4	0.79
C768042		1.74	0.015		<0.5	3.90	<5	40	<0.5	5	1.21	<0.5	39	93	51	6.16
C768043		2.86	0.012		<0.5	6.85	<5	50	<0.5	8	5.92	<0.5	74	133	124	11.00
C768044		1.99	0.005		<0.5	6.66	<5	10	<0.5	2	3.02	<0.5	36	1065	<1	10.30
C768045		3.27	0.009		0.5	5.94	<5	40	<0.5	6	4.48	<0.5	57	143	204	10.50
C768077		0.71	0.006		<0.5	7.16	<5	50	0.6	8	12.15	<0.5	24	5	2	10.50
C768078		1.29	<0.005		<0.5	6.70	<5	40	<0.5	10	7.79	<0.5	58	2	310	13.00
C768079		1.13	<0.005		<0.5	7.65	<5	470	0.9	8	4.10	<0.5	20	7	53	6.66
C768080		0.55	0.006		<0.5	3.24	<5	70	<0.5	4	2.05	<0.5	21	37	116	4.63
C768081		1.10	0.007		<0.5	4.07	<5	80	<0.5	4	5.69	<0.5	11	118	16	5.44
C768082		1.28	0.005		<0.5	5.99	<5	60	0.5	5	7.22	<0.5	33	78	8	8.36
C768083		0.55	<0.005		<0.5	5.48	<5	170	0.5	5	4.57	<0.5	28	60	63	8.15
C768084		1.22	0.005		<0.5	7.90	<5	300	1.6	2	4.30	<0.5	16	38	44	3.61
C768085		0.73	<0.005		<0.5	5.08	<5	90	1.5	9	3.45	<0.5	20	4	29	12.20
C768086		1.12	0.195		3.4	4.75	7	20	<0.5	7	0.26	<0.5	81	37	1820	20.4
C768087		1.05	0.016		<0.5	6.45	<5	80	<0.5	11	1.01	<0.5	42	8	395	12.55
C768088		1.34	<0.005		<0.5	6.73	<5	70	0.7	7	4.13	0.5	37	66	103	8.71
C768089		1.35	<0.005		<0.5	7.29	<5	230	0.9	8	5.06	<0.5	49	21	110	10.75
C768090		0.55	<0.005		<0.5	1.64	<5	<10	<0.5	<2	0.20	<0.5	2	16	3	2.02
C768091		0.67	0.052		2.7	3.28	<5	70	<0.5	5	4.75	<0.5	39	620	7	5.56
C768092		1.23	0.005		<0.5	2.13	<5	10	<0.5	<2	1.82	<0.5	22	300	7	6.78

Comments: sample ID discrepancy on SSF, corrected by client - email in reports

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

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
C768021		<10	0.05	<10	0.14	193	<1	0.05	2	50	<2	<0.01	<5	2	16	<20
C768022		20	0.14	<10	5.21	1855	2	0.80	105	120	<2	0.51	<5	42	152	<20
C768023		30	0.18	<10	2.56	2130	3	0.43	107	150	3	0.70	<5	49	87	<20
C768024		20	0.42	<10	2.41	1560	5	2.17	23	200	5	0.15	<5	50	231	<20
C768025		20	0.40	10	2.55	1595	1	1.81	11	300	3	0.33	<5	55	138	<20
C768026		20	0.34	10	2.56	1545	1	1.57	14	310	7	0.38	<5	55	145	<20
C768027		20	0.47	<10	2.20	1355	1	1.52	5	260	5	0.34	<5	60	142	<20
C768028		20	0.96	<10	1.74	1225	1	2.32	<1	280	6	0.48	<5	49	291	<20
C768029		<10	0.02	<10	8.41	2660	<1	0.24	82	350	<2	0.15	<5	112	6	<20
C768030		20	0.43	<10	2.10	1585	1	1.94	111	140	5	0.08	<5	36	177	<20
C768032		10	0.42	<10	1.58	738	1	1.19	42	230	6	8.94	<5	10	64	<20
C768033		20	0.37	20	0.11	132	1	7.50	24	510	5	0.42	<5	2	266	<20
C768034		<10	0.02	<10	5.14	773	58	0.13	219	130	7	0.04	<5	10	12	<20
C768035		10	0.02	<10	2.97	557	67	1.07	148	350	14	0.89	<5	21	25	<20
C768036		<10	0.05	<10	0.06	72	<1	0.76	2	50	8	0.02	<5	<1	49	<20
C768037		<10	0.02	<10	0.08	156	<1	0.75	1	30	<2	0.72	<5	1	59	<20
C768038		20	0.68	<10	2.98	382	2	1.87	55	340	9	6.33	<5	44	83	<20
C768039		20	0.44	<10	3.96	388	3	1.51	45	490	11	4.87	<5	39	66	<20
C768040		<10	0.01	<10	0.10	106	1960	0.49	16	10	105	2.73	<5	1	42	<20
C768041		20	0.42	20	0.20	100	6	5.05	5	340	8	0.14	<5	1	308	<20
C768042		10	0.06	<10	2.31	684	26	1.21	75	100	<2	0.50	<5	26	33	<20
C768043		10	0.09	<10	4.02	1245	22	2.28	134	170	3	1.19	<5	49	78	<20
C768044		20	0.01	<10	6.59	1235	2	0.97	325	140	2	<0.01	<5	24	21	<20
C768045		20	0.07	<10	4.52	984	3	1.23	116	230	2	0.67	<5	46	56	<20
C768077		20	0.65	<10	2.92	1595	2	0.21	5	170	9	0.14	<5	47	934	<20
C768078		20	0.17	<10	3.57	1225	1	1.46	90	70	6	0.15	<5	54	254	<20
C768079		20	0.91	10	1.12	935	1	3.64	3	400	7	0.35	<5	26	543	<20
C768080		10	0.18	<10	1.25	619	<1	1.55	34	240	11	0.24	<5	16	135	<20
C768081		10	0.16	<10	1.17	1090	1	0.13	26	560	8	0.03	<5	19	140	<20
C768082		20	0.14	<10	2.40	1275	3	0.53	68	400	8	0.07	<5	39	361	<20
C768083		20	0.46	10	1.69	1355	4	1.85	33	560	4	0.03	<5	27	172	<20
C768084		20	0.49	20	1.90	894	<1	5.19	22	1430	21	0.13	<5	9	628	<20
C768085		20	0.71	10	1.40	1580	1	3.08	4	1400	7	0.03	<5	35	170	<20
C768086		20	0.06	<10	3.52	1375	3	0.02	61	440	2	7.38	<5	38	15	<20
C768087		20	0.13	<10	3.01	1415	<1	1.39	22	740	3	3.02	<5	45	50	<20
C768088		20	0.19	10	2.92	1655	1	3.23	59	550	48	0.09	<5	38	144	<20
C768089		20	0.72	20	2.69	1365	1	2.41	40	760	13	0.11	<5	33	175	<20
C768090		10	0.01	<10	0.27	164	<1	1.06	3	130	<2	0.05	<5	5	19	<20
C768091		<10	0.33	<10	5.82	1110	87	1.14	220	140	25	0.01	<5	17	57	<20
C768092		10	0.03	<10	2.46	1020	2	0.28	107	250	33	<0.01	<5	8	6	<20

Comments: sample ID discrepancy on SSF, corrected by client - email in reports

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
C768021		0.02	<10	<10	27	<10	6
C768022		0.67	<10	<10	557	<10	129
C768023		3.35	<10	<10	2540	<10	170
C768024		1.62	<10	<10	1175	<10	132
C768025		1.22	<10	<10	203	<10	141
C768026		1.10	<10	<10	186	<10	138
C768027		1.71	<10	<10	140	<10	124
C768028		1.25	<10	<10	194	<10	103
C768029		0.06	<10	<10	541	<10	169
C768030		2.25	<10	<10	2220	<10	124
C768032		0.69	<10	<10	249	<10	39
C768033		0.11	<10	<10	22	10	13
C768034		0.07	<10	<10	61	<10	48
C768035		0.30	<10	<10	172	<10	59
C768036		0.01	<10	<10	3	<10	5
C768037		0.01	<10	<10	2	<10	3
C768038		0.19	<10	<10	310	<10	78
C768039		0.34	<10	<10	229	10	118
C768040		0.04	<10	<10	4	<10	9
C768041		0.07	<10	<10	18	<10	15
C768042		0.46	<10	<10	310	<10	60
C768043		0.82	<10	<10	563	<10	105
C768044		0.20	<10	<10	404	<10	186
C768045		0.66	<10	<10	543	<10	101
C768077		0.92	<10	<10	420	<10	114
C768078		1.14	<10	<10	1065	<10	117
C768079		0.93	<10	<10	178	<10	63
C768080		0.31	<10	<10	115	<10	42
C768081		0.30	<10	<10	185	<10	104
C768082		0.68	<10	<10	291	<10	159
C768083		0.69	<10	<10	177	<10	103
C768084		0.31	<10	<10	104	<10	78
C768085		0.93	<10	<10	87	<10	150
C768086		0.60	<10	<10	386	<10	167
C768087		1.15	<10	<10	364	<10	113
C768088		0.75	<10	<10	256	<10	209
C768089		0.95	<10	<10	371	<10	183
C768090		0.16	<10	<10	23	<10	11
C768091		0.09	<10	<10	83	<10	79
C768092		0.05	<10	<10	45	<10	110

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
C768093		0.75	0.005		<0.5	4.33	<5	10	<0.5	3	2.88	<0.5	45	1010	<1	7.12
C768094		1.18	0.009		<0.5	4.93	<5	80	0.5	4	2.09	<0.5	28	11	4	6.69
C768095		0.30	<0.005		<0.5	0.56	<5	10	<0.5	<2	0.09	<0.5	<1	16	1	23.0
C768096		0.45	0.201		0.8	4.12	23	10	<0.5	5	0.09	<0.5	53	466	282	18.20
C768097		0.80	0.102		1.5	3.83	10	30	<0.5	3	0.46	<0.5	356	7	572	19.50
C768151		1.86	0.006		<0.5	6.74	<5	120	<0.5	24	4.75	0.6	126	2	216	23.3
C768152		1.31	0.006		<0.5	10.05	<5	380	<0.5	3	6.74	<0.5	21	5	17	4.93
C768153		1.39	0.007		<0.5	7.61	<5	370	0.5	10	5.64	0.6	35	11	128	15.60
C768154		1.46	0.005		0.5	7.72	<5	110	1.0	<2	3.29	<0.5	21	48	261	4.97
C768155		0.95	<0.005		<0.5	2.24	<5	40	0.5	3	2.97	<0.5	20	7	55	6.60
C768156		1.18	0.005		<0.5	0.56	<5	10	<0.5	2	1.01	<0.5	2	17	25	3.09
C768160		1.36	0.055		0.6	5.91	<5	340	0.6	5	0.20	<0.5	137	49	33	22.2
C768161		1.03	0.018		<0.5	6.67	<5	20	<0.5	3	0.96	<0.5	64	48	89	15.25
C768162		1.55	0.013		<0.5	7.49	5	480	0.7	7	0.01	<0.5	65	63	32	14.30
C768201		1.58	0.009		<0.5	3.55	6	90	<0.5	<2	1.77	<0.5	9	36	13	4.28
C768202		0.49	<0.005		<0.5	7.15	<5	90	0.6	7	4.32	<0.5	44	68	47	11.15
C768203		0.92	0.006		0.5	6.37	<5	30	0.5	3	3.72	<0.5	59	34	237	10.65
C768204		0.54	0.009		<0.5	7.48	<5	60	<0.5	7	2.73	<0.5	49	51	291	11.90
C768205		0.65	<0.005		<0.5	4.97	<5	100	<0.5	<2	3.94	<0.5	10	19	8	3.94
C768206		0.66	0.005		<0.5	0.12	<5	10	<0.5	<2	0.04	<0.5	1	31	9	0.78
C768207		0.88	0.006		<0.5	0.70	<5	20	<0.5	<2	0.09	<0.5	5	93	1	1.45
C768208		1.59	0.005		<0.5	5.11	<5	30	<0.5	<2	1.52	<0.5	39	588	3	5.82
C768209		1.24	<0.005		<0.5	3.59	<5	40	<0.5	<2	2.35	<0.5	25	369	2	4.58
C768210		1.00	<0.005		<0.5	7.76	<5	190	<0.5	7	7.03	<0.5	50	60	85	10.95
C768211		0.35	0.011		<0.5	2.67	<5	90	<0.5	<2	0.37	<0.5	7	13	18	3.57
C768212		0.38	0.015		<0.5	0.51	<5	10	<0.5	<2	0.03	<0.5	3	13	4	1.39
C768213		1.38	2.80		0.6	5.64	<5	80	<0.5	5	1.53	<0.5	16	11	14	4.07
C768214		0.61	0.015		<0.5	1.72	<5	20	<0.5	<2	0.49	<0.5	12	170	17	3.65
C768215		0.80	0.010		<0.5	4.74	<5	160	<0.5	<2	3.72	<0.5	35	428	37	5.58
C768046		0.83	0.012		<0.5	6.48	<5	20	0.9	<2	0.81	<0.5	16	20	92	6.79
C768047		1.71	0.005		<0.5	4.07	<5	10	<0.5	3	2.15	<0.5	15	42	239	3.15
C768048		1.09	<0.005		<0.5	7.63	<5	320	0.6	7	5.84	<0.5	64	60	197	12.45
C768049		0.94	<0.005		<0.5	3.11	<5	10	0.6	<2	0.25	<0.5	23	8	25	5.57
C768050		0.54	<0.005		<0.5	3.69	<5	30	0.6	<2	0.28	<0.5	24	7	53	6.28
C768251		0.87	<0.005		<0.5	5.50	<5	210	0.8	2	0.41	<0.5	25	9	46	6.95

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To: LASALLE EXPLORATION CORPORATION
502-1281 WEST GEORGIA STREET
VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method / Analyte / Units / LOD	ME-ICP61 Ca ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
C768093		10	0.04	<10	8.34	1240	4	0.47	443	170	7	<0.01	<5	18	18	<20
C768094		10	0.23	10	1.01	625	<1	3.08	14	1120	3	3.97	<5	23	95	<20
C768095		<10	0.05	<10	0.09	146	1	0.31	4	30	2	0.01	<5	9	5	<20
C768096		10	0.02	<10	2.42	1180	2	0.01	249	460	3	6.82	<5	19	1	<20
C768097		10	0.03	<10	1.92	579	32	1.17	50	640	3	3.90	<5	26	24	<20
C768151		30	0.54	<10	2.24	1980	1	1.86	71	130	5	0.89	<5	43	202	<20
C768152		20	1.03	<10	0.90	539	1	3.33	15	120	5	0.30	<5	16	362	<20
C768153		30	0.86	<10	1.52	1525	3	2.60	10	490	24	0.97	<5	43	405	<20
C768154		20	0.37	10	1.78	755	2	5.31	39	270	17	0.32	<5	19	233	<20
C768155		10	0.06	10	0.76	1070	<1	1.01	1	300	7	0.10	<5	10	36	<20
C768156		<10	0.05	<10	0.09	232	<1	0.33	<1	90	<2	0.14	<5	3	9	<20
C768160		10	3.07	<10	0.24	92	1	0.25	63	180	3	>10.0	<5	36	14	<20
C768161		30	0.04	<10	4.33	1950	1	0.03	64	390	<2	1.09	<5	37	22	<20
C768162		10	3.94	<10	0.28	386	1	0.13	42	120	5	>10.0	<5	52	13	<20
C768201		10	0.38	<10	2.78	690	2	0.45	27	210	14	0.09	<5	21	36	<20
C768202		20	0.30	10	4.17	1445	1	0.95	71	760	17	0.26	<5	45	125	<20
C768203		20	0.10	<10	3.36	1550	33	2.21	51	670	6	1.93	<5	43	109	<20
C768204		20	0.36	<10	5.29	2300	<1	1.07	65	470	3	1.43	<5	49	74	<20
C768205		10	0.25	10	1.05	706	<1	1.48	12	570	2	0.01	<5	16	222	<20
C768206		<10	0.05	<10	0.01	82	<1	0.05	1	30	<2	0.01	<5	<1	1	<20
C768207		<10	0.01	<10	0.86	202	<1	0.01	43	20	<2	<0.01	<5	2	2	<20
C768208		10	0.05	20	6.20	1065	<1	0.43	313	680	2	<0.01	<5	17	37	<20
C768209		10	0.05	10	4.11	893	<1	0.27	220	380	<2	0.01	<5	12	48	<20
C768210		20	0.54	<10	3.15	945	<1	1.97	76	250	2	0.90	<5	47	160	<20
C768211		10	0.32	<10	0.68	294	1	1.18	11	210	2	0.13	<5	10	37	<20
C768212		<10	0.04	<10	0.36	194	<1	0.08	5	30	2	0.01	<5	2	3	<20
C768213		10	0.45	20	0.69	274	1	3.60	2	1520	<2	1.35	<5	13	62	<20
C768214		10	0.06	<10	1.08	507	<1	0.24	56	200	<2	0.03	<5	8	16	<20
C768215		10	0.64	10	4.80	1060	<1	0.67	305	440	28	0.01	<5	14	63	<20
C768046		20	0.06	10	1.75	425	1	3.51	20	660	3	0.62	<5	24	38	<20
C768047		10	0.02	10	1.46	437	<1	2.37	12	450	29	0.15	<5	14	41	<20
C768048		20	0.70	10	2.17	1910	<1	1.06	67	610	3	0.38	<5	53	155	<20
C768049		10	0.04	<10	3.28	532	<1	0.32	18	360	<2	0.02	<5	13	5	<20
C768050		20	0.15	<10	3.42	585	<1	0.44	22	450	<2	0.02	<5	15	7	<20
C768251		20	0.84	10	3.39	642	<1	0.77	21	680	<2	0.01	<5	20	13	<20

Comments: sample ID discrepancy on SSF, corrected by client - email in reports

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VANCOUVER BC V6E 3J7

Finalized Date: 5-JUL-2021
Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
C768093		0.14	<10	<10	86	<10	127
C768094		0.61	<10	<10	77	<10	40
C768095		0.03	<10	<10	618	30	5
C768096		0.29	<10	<10	104	<10	82
C768097		0.60	<10	<10	213	<10	79
C768151		3.17	<10	<10	2110	<10	178
C768152		0.48	<10	<10	314	<10	37
C768153		1.40	<10	<10	265	<10	158
C768154		0.34	<10	<10	150	<10	78
C768155		0.42	<10	<10	89	<10	137
C768156		0.10	<10	<10	40	<10	14
C768160		0.51	<10	<10	330	<10	2
C768161		0.68	<10	<10	311	<10	134
C768162		0.83	<10	<10	396	<10	4
C768201		0.22	<10	<10	154	<10	126
C768202		1.07	<10	<10	393	<10	119
C768203		0.96	<10	<10	304	<10	175
C768204		0.89	<10	<10	392	<10	152
C768205		0.44	<10	<10	191	<10	37
C768206		0.01	<10	<10	3	<10	<2
C768207		0.01	<10	<10	17	<10	22
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C768209		0.13	<10	<10	83	<10	109
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C768212		0.02	<10	<10	20	<10	15
C768213		0.46	<10	<10	84	<10	34
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C768215		0.25	<10	<10	97	<10	181
C768046		0.50	<10	<10	137	<10	101
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C768050		0.37	<10	<10	82	<10	102
C768251		0.51	<10	<10	98	<10	107

Comments: sample ID discrepancy on SSF, corrected by client – email in reports

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

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Account: LAFEXP

Project: EGAN

CERTIFICATE OF ANALYSIS TM21149238

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA23	Au-GRA21	ME-ICP61

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-21	PUL-32
	PUL-QC	SPL-21	WEI-21	

Appendix 5: LiDAR Survey Report

LiDAR Services International Inc.

LaSalle Exploration Corp.

Egan

LiDAR Survey Report

May 2021

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1. Survey Summary

LiDAR Services International Inc. (LSI) performed an aerial LiDAR & Imagery survey for LaSalle Exploration Corp. in May 2021 of the Egan project site totaling approximately 117 square kilometers in Ontario. Airborne data was collected and delivered with the following parameters:

- MATRIX LiDAR system installed in a Cessna 182 airplane owned and operated by Terrasaurus Ltd. of Kelowna, British Columbia
- Airborne data was collected in three flights from May 11 – 12, 2021 based out of the Cochrane, ON Airport
- LiDAR data and imagery were collected at an average flying height of 850 m above ground level and a forward speed of 215 km/h
- Riegl LMS Q780 laser pulsed at a rate of 400 kHz, resulting in a computed average laser ground point spacing equal to 0.45 m and an average point density of 5.0 points/m^2
- Horizontal Datum: NAD83(CSRS) in meters
- Vertical Datum: CGVD2013 orthometric heights in meters
- Map Projection: UTM Zone 17N (Central Meridian = -81 degrees longitude)
- Deliverables included:
    - LiDAR point clouds classified to Ground, DTM Key Point, Low Vegetation (0 – 1 m) and High Vegetation (>1 m) in LAS v1.2 format.
    - Bare Earth and Full Feature gridded points at 1 m spacing in ASCII XYZ format.
    - Greyscale hillshades of Bare Earth and Full Feature surfaces at 1 m pixel resolution in GeoTIFF format.
    - Ortho-mosaicked colour digital imagery with 10 cm pixel resolution in compressed ECW and GeoTIFF formats
    - Index map in DWG format

2. MATRIX LiDAR System

2.1 MATRIX Installation

The MATRIX LiDAR system was installed in a Cessna 182 airplane, shown in Figure 1, owned and operated by Terrasaurus Ltd. of Kelowna, British Columbia.

Figure 1: Cessna 182 with MATRIX LiDAR System

The Riegl LMS Q780 laser scanner, inertial measurement unit, digital camera, computers and data storage devices were mounted to the floor in the rear of the aircraft, as shown in Figure 2. The GPS antenna was mounted on top of the fuselage and the operator controlled the MATRIX system with a laptop from the front passenger seat. Transport Canada has approved the installation of the MATRIX LiDAR system into this survey aircraft.

Key sensors utilized in the MATRIX installation for the LiDAR survey include:

- Riegl LMS Q780 laser scanner and data recorder
- NovAtel SPAN-SE dual frequency GPS receiver
- IXSEA AIRINS 200 Hz Inertial Measurement Unit (IMU)
- Canon EOS-5DS 50 megapixel digital frame downward camera

Figure 2: Q780 Laser, IMU and Computers Mounted in Cessna 182

3. Survey Control

To ensure accurate absolute and relative positioning of the LiDAR data during data collection, kinematic differential GPS (DGPS) surveying techniques were used. DGPS involves having a static GPS receiver collecting data at a known ground control point in the vicinity of the project area simultaneously with the collection of the kinematic GPS from the aircraft. After the mission, during the post processing, the static and kinematic sets of raw GPS data were combined together and processed, resulting in an accurate positioning solution of the aircraft.

In support of the LiDAR survey, LSI established a control point at the Cochrane Airport (*CYCN*). Coordinates for this point were determined by referencing two nearby continuously operating CAN-NET stations (*TIM3* and *CIRO*) and fixing their published coordinates.

Figure 3: CYCN Control Point

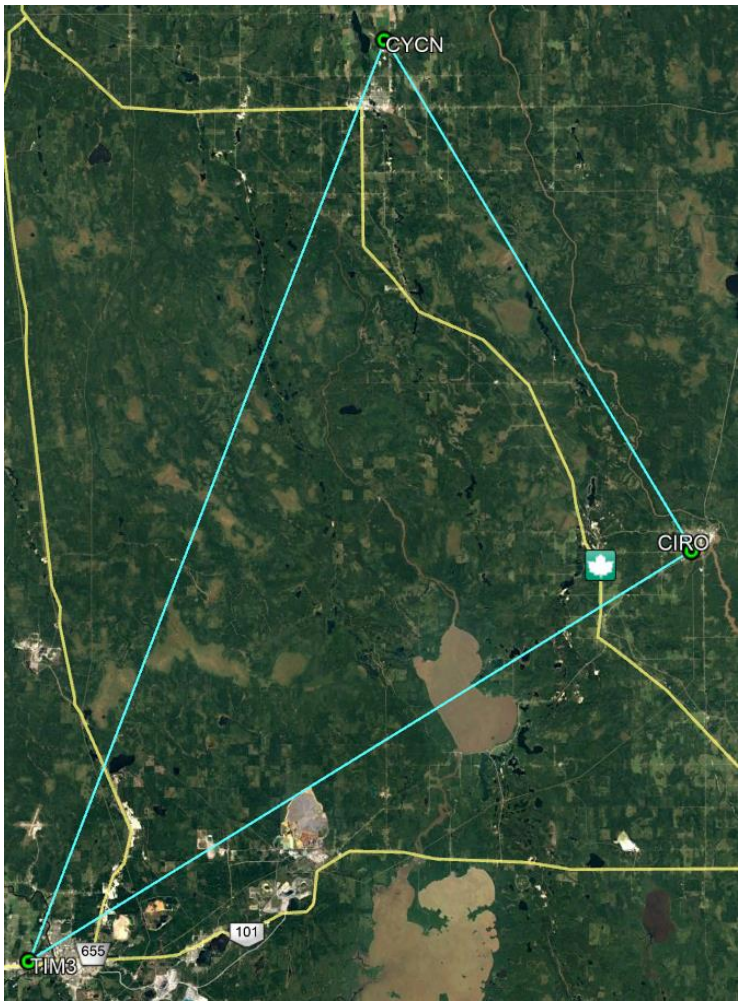

Figure 4: Control Point Network

The coordinates and elevations shown in Table 1 were used to position the LiDAR and imagery data. All control points and data deliverables are in the NAD83(CSRS), UTM Zone 17 projection with orthometric heights in the CGVD2013 datum.

***Table 1**: LiDAR Control Coordinates (NAD83(CSRS), UTM Zone 17N, CGVD2013)*

Control Point	Latitude	Longitude	Easting (m)	Northing (m)	Orthometric Height (m)
CYCN	49 06 20.72461	-81 00 23.34812	499526.633	5439212.396	261.454
TIM3	48 28 37.70154	-81 22 40.71966	472065.561	5369403.475	289.560
CIRO	48 45 20.87937	-80 41 29.64425	522669.574	5400355.663	284.482

4. Data Collection

4.1 Airborne LiDAR Survey

The LiDAR and imagery data of the Egan project area was collected in two flight missions on May 11 and 12, 2021, based out of the Cochrane Airport. The project consisted of pre-planned flight lines flown at an average height of 850 metres above ground level and a forward speed of 215 km/h. The Riegl LMS Q780 laser pulsed at a rate of 400 kHz and the laser scanned at a rate of 134 Hz, resulting in an average point spacing of 0.45 m or 5.0 points per square meter. The Canon EOS-5DS digital camera took a photo every 3.9 seconds resulting in 60% forward overlap between consecutive photos.

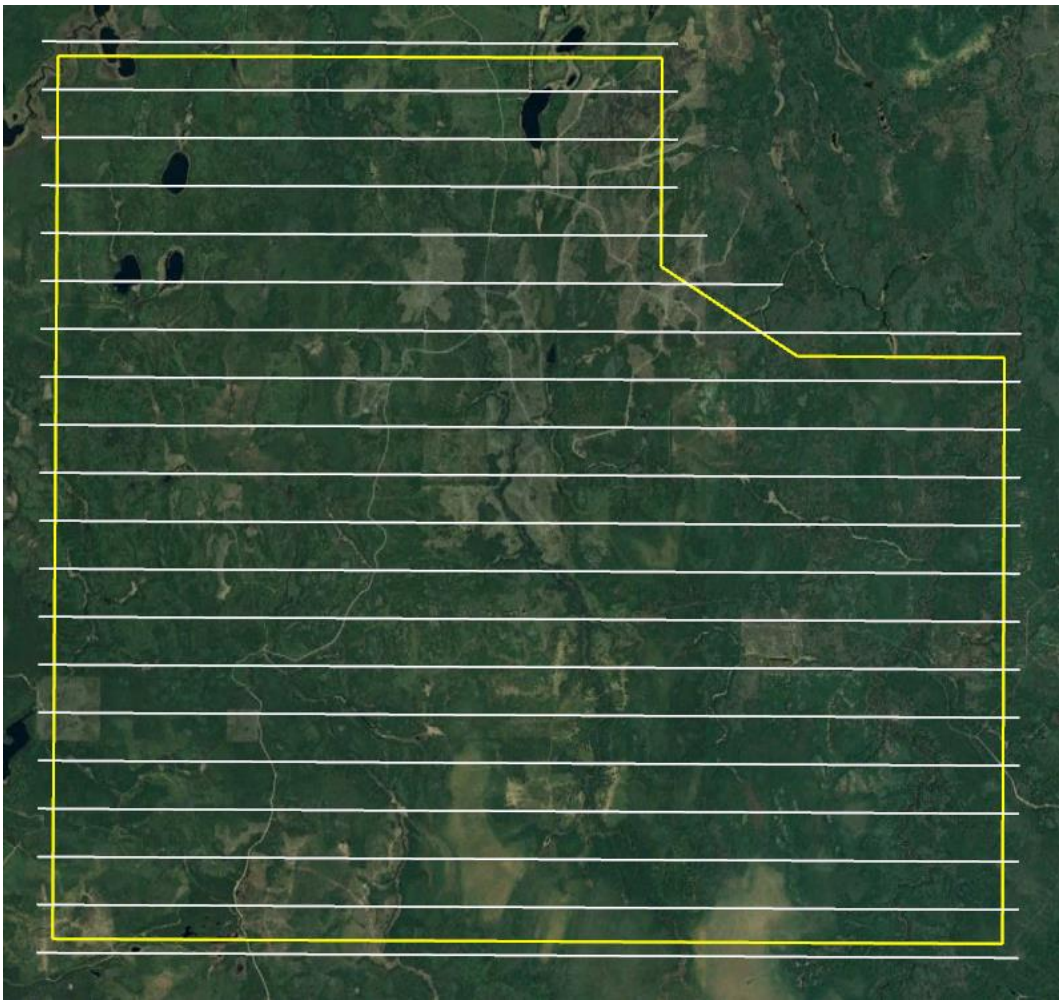

Figure 5: Egan Project Area and Flight Lines

4.2 Data Quality Control and Validation

LiDAR calibration passes were flown over the Cochrane Airport at the start of each survey flight. The calibration passes allow for the determination and verification of the roll, pitch and heading misalignment angles between the IMU measurement axis and the laser sensor. The calibration passes consisted of multiple flight lines flown at orthogonal and parallel headings at the project flying height and speed. During post processing, the flight line relative accuracies were determined and confirmed the high quality of the IMU-laser boresight alignment and the trajectory solutions.

Ground check points were also collected at the Cochrane Airport to help verify the absolute accuracy of the LiDAR data. The check points were collected on foot with a pole-mounted GPS antenna as shown in Figure 6, and post-processed in a DGPS solution referenced to the same control point as the project sites.

Figure 6: Ground Check Point Collection

The ground points were classified from each calibration pass to create triangulated surface models which were compared to the independently observed ground check points. The average resulting residuals and statistics from the calibration passes are tabulated as follows:

Flight	Flightline	Avg dZ (m)	Min dZ (m)	Max dZ (m)	Avg Mag (m)	RMS (m)	Std Dev (m)
JD131Flt1	1	-0.022	-0.052	0.004	0.022	0.026	0.014
	2	-0.010	-0.028	0.008	0.011	0.013	0.009
	3	-0.027	-0.048	-0.010	0.027	0.029	0.011
	4	-0.018	-0.040	-0.001	0.018	0.020	0.008
JD132Flt1	1	0.038	-0.027	0.079	0.040	0.044	0.022
	2	-0.004	-0.026	0.021	0.009	0.012	0.011
	3	-0.002	-0.038	0.022	0.010	0.013	0.013
	4	-0.005	-0.025	0.024	0.011	0.013	0.012
JD132Flt2	1	0.010	-0.010	0.026	0.012	0.014	0.010
	2	-0.037	-0.060	-0.016	0.037	0.038	0.010
	3	-0.019	-0.048	0.000	0.019	0.022	0.011
	4	-0.011	-0.029	0.007	0.012	0.014	0.009
	Total	**-0.009**	**-0.060**	**0.079**	**0.019**	**0.024**	**0.022**

The tested fundamental vertical accuracy of the LiDAR data for the project was better than 10 cm at a 95% confidence interval.

5. Data Processing and Deliverables

The LiDAR data and imagery for the Egan property project areas was delivered to LaSalle Exploration Corp. with the following specifications:

- Horizontal Datum: NAD83(CSRS) in meters
- Vertical Datum: CGVD2013 orthometric heights in meters
- Mapping Projection: UTM Zone 17N (central meridian -81 degrees longitude)
- LiDAR LAS v1.2 point clouds classified to Ground, DTM Key Point, Low Vegetation (up to 1 m above ground) and High Vegetation (greater than 1 m above ground)
- Bare Earth and Full Feature grid points at 1 meter spacing in ASCII XYZ format
- Greyscale hillshades of Bare Earth and Full Feature surfaces at 1 m pixel resolution in GeoTIFF format
- Ortho-mosaic color digital imagery with 10 cm pixel resolution in compressed ECW and GeoTIFF formats
- Index map in DWG format

5.1 LiDAR Point Clouds

5.1.1 LiDAR Tiles

Unclassified point clouds were generated for each individual flight line from the raw laser data, the GPS-IMU post-processed solution and the measured system calibration parameters. The point clouds were then imported into 1km x 1km tiles covering the project area using Terrasolid software. The number for each tile was derived from the southwest corner coordinate of the tile, i.e. Tile 5785482 has a southwest corner coordinate of E: 578000m, N: 5482000m.

The LAS v1.2 point clouds were delivered with the following feature codes:

2: Ground

3: Low Vegetation (0 to 1 meter above ground)

5: High Vegetation (greater than 1 meter above ground)

8: DTM Key Point

5.1.2 Ground Points

An initial automatic ground classification was applied to the tiles. The automatic ground macro classified ground points using a sequence of steps that identifies the lowest LiDAR point in an area and then finds neighboring ground points based on user-specified iteration angles and tolerances. After the automatic ground classification, trained technicians inspected those points and either added or removed points from the *Ground* class that were incorrectly classified by the automatic ground macro. This was done using the Terrasolid suite of LiDAR editing tools in the MicroStation environment.

5.1.3 DTM Key Points

After completion of the manual ground editing, *DTM Key Points* were classified from the *Ground* point class. The automatic *DTM Key Point* classification selects key points from the *Ground* class and chooses neighboring *Ground* points using a horizontal tolerance of 10 m and a vertical tolerance of 10 cm. That is, the maximum horizontal distance between *DTM Key Points* is 10 m and the maximum vertical distance is 10 cm. The points that were not selected for the *DTM Key Points* were left in the *Ground* class.

The *DTM Key Points* are a subset of the *Ground* points taken directly from the *Ground* class. The *DTM Key Point* class typically has up to 90% less points than the original *Ground* class, depending on the terrain. ***Because the DTM Key Points are taken from the Ground class, it is important that the Ground class never be used by itself. Either the DTM Key Point class can be used alone, or the DTM Key Point and Ground classes can be used together.*** The *DTM Key Point* and *Ground* classes together will produce the maximum possible terrain detail, with the largest number of points.

5.1.3 Vegetation

The remaining non-ground points were then classified into two separate classes: *Low Vegetation* (0 m to 1 m above ground) and *High Vegetation* (greater than 1 m above ground). The vegetation classes contain all objects and structures above the ground, including buildings, transmission lines, bridges, fences, vehicles and piles of non-earth materials.

5.2 Grid Points

Bare Earth grid points were created at a 1-meter interval for each tile and delivered in ASCII XYZ format. The Bare Earth grid point elevations were derived from a Triangulated Irregular Network (TIN) surface model of the *DTM Key Point* and *Ground* classes in the LiDAR point cloud tiles.

Full Feature grid points were also created at a 1-meter interval for each tile and delivered in ASCII XYZ format. The Full Feature grid point elevations were derived from the highest point in the *High Vegetation* class within each 1-meter cell. The Bare Earth grid point elevations were applied for cells having no *High Vegetation* points.

5.3 Hillshades

Geo-referenced grayscale raster images with a 1 m pixel size were delivered in GeoTIFF format. The Bare Earth hillshade images were derived from the Bare Earth grid points and the Full Feature hillshade images were derived from the Full Feature grid points. The hillshades were created using a 315 degree sun azimuth and 45 degree sun angle.

5.4 Orthoimage Mosaics

Geo-referenced colour digital orthoimage mosaics with 10 cm pixel size were delivered in compressed ECW and GeoTIFF formats. The mosaics were divided into tiles using the same tile structure as the LiDAR tiles and trimmed to the project boundary. The compressed ECW tiles were created using a 5:1 compression ratio.

LSI greatly appreciates the opportunity to have performed the Egan project area LiDAR survey, and is available for any questions or comments regarding the survey or the contents of this report.

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Appendix 6: Airborne Magnetic Survey Report

Precision GeoSurveys

AIRBORNE GEOPHYSICAL SURVEY REPORT

Egan Survey Block

Matheson, ON

LaSalle Exploration Corp.

Precision GeoSurveys Inc.
www.precisiongeosurveys.com
Hangar 42 Langley Airport
21330 - 56th Ave., Langley, BC
Canada V2Y 0E5
604-484-9402

Shawn Walker, M.Sc., P.Geo.

June 2021

Job# 21145

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1.0 Introduction

This report outlines the geophysical survey operations and data processing procedures taken during the high resolution helicopter-borne magnetic gradiometer survey flown over the Egan survey block for LaSalle Exploration Corp. The survey block is located in eastern Ontario (Figure 1) and it was flown on May 15 and May 16, 2021.

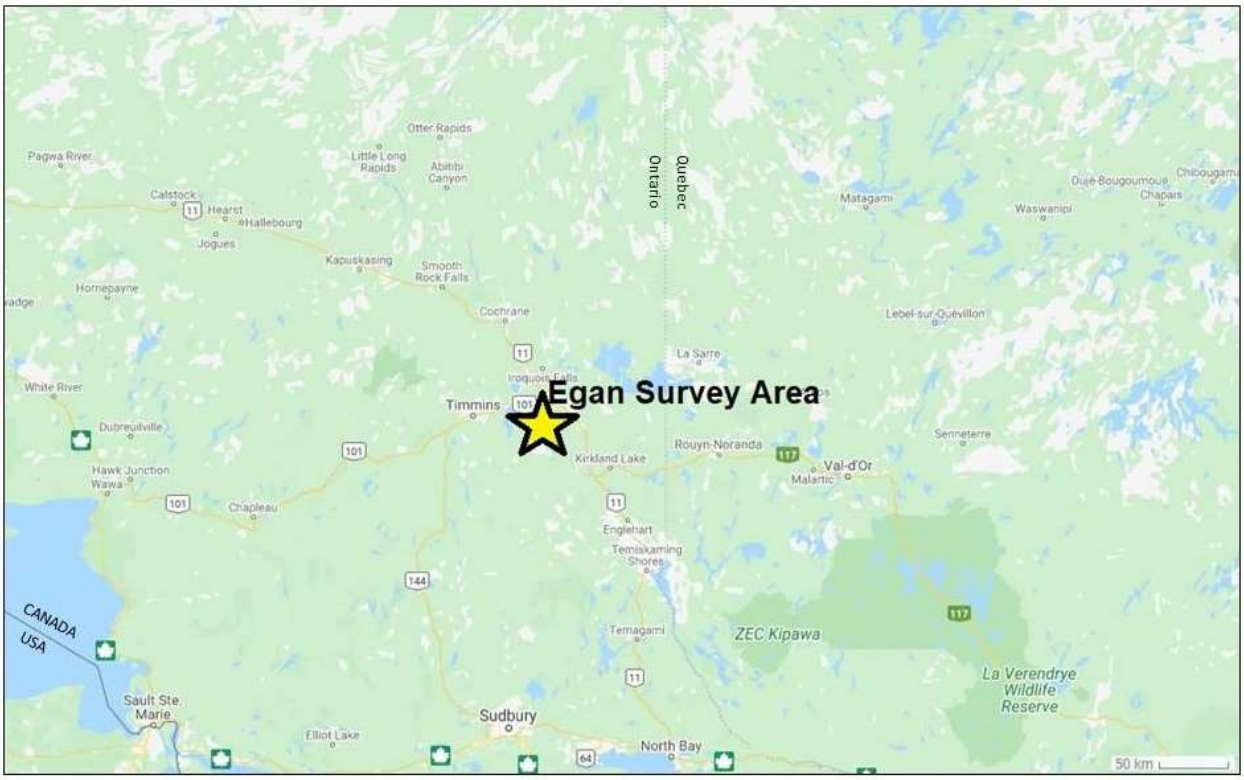

Figure 1: Egan survey located in eastern Ontario.

1.1 Survey Area

The Egan survey block is centered approximately 50 km east of Timmins and 21 km southwest of Matheson, Ontario (Figure 2).

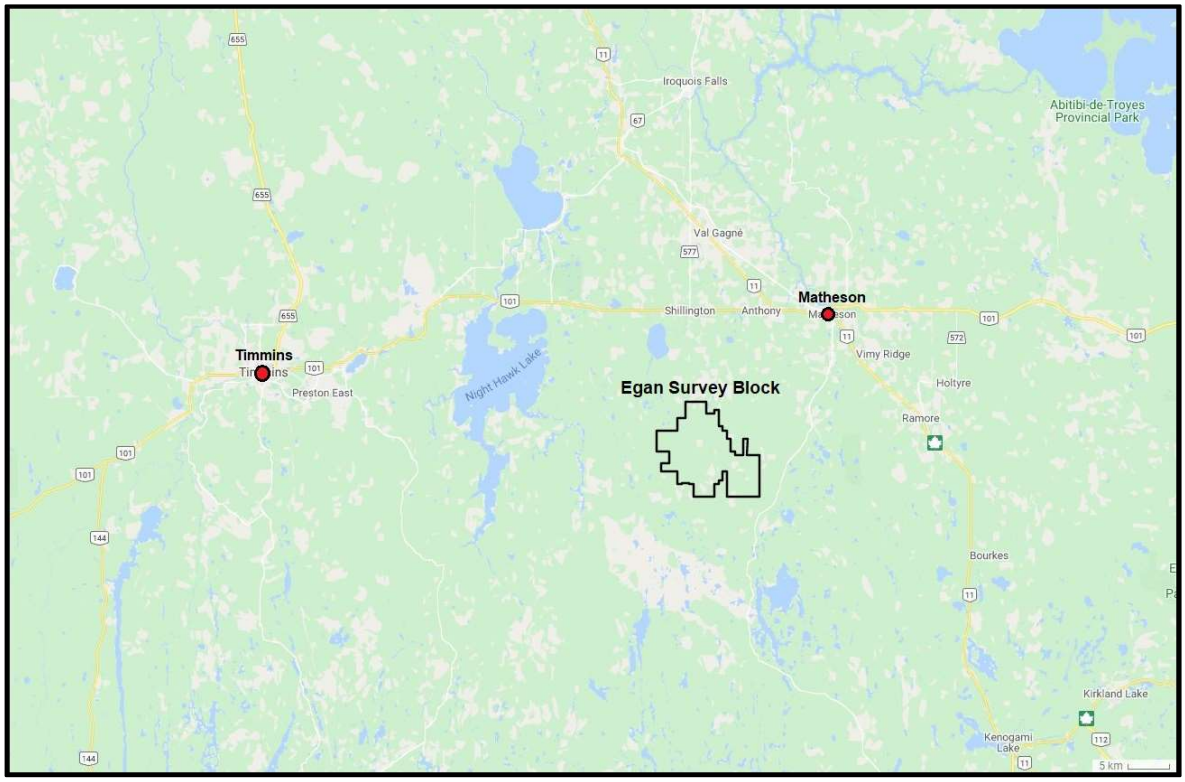

Figure 2: Egan survey block east of Timmins and southwest of Matheson, Ontario.

Egan was flown at 100 m line spacing at a heading of 000°/180°; tie lines were flown at 1000 m spacing at a heading of 090°/270° (Figure 3).

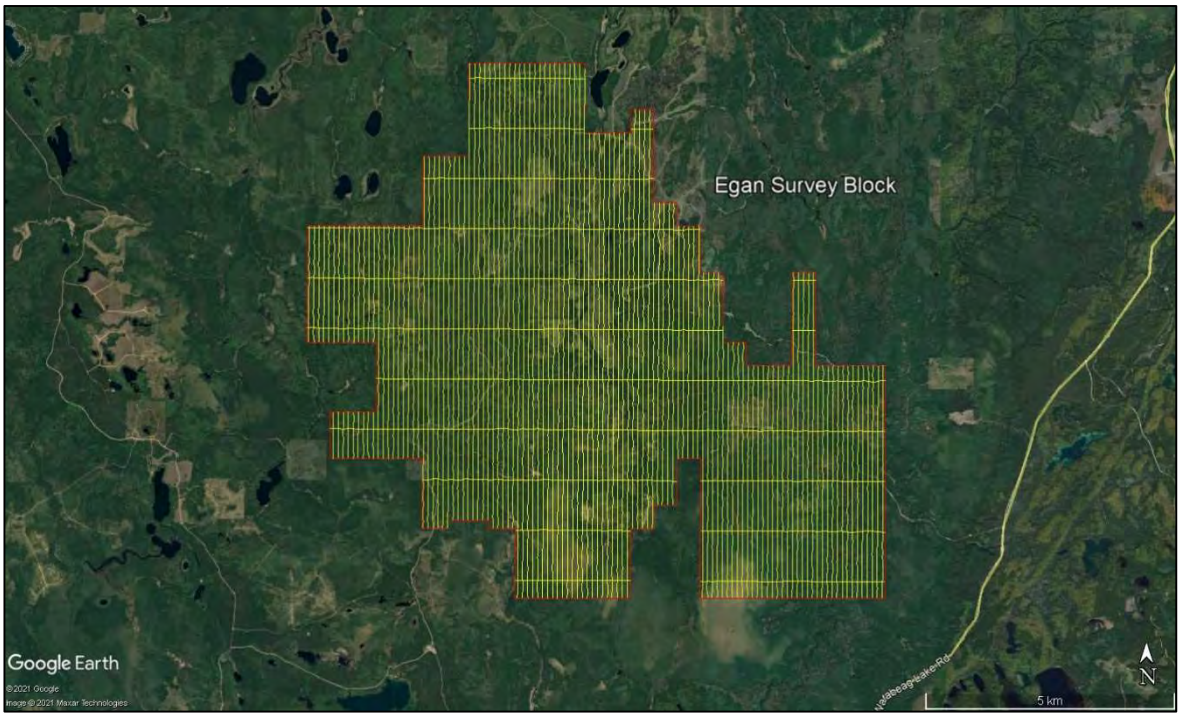

Figure 3: Plan View – Egan survey block with actual flight lines in yellow and survey block boundary in red.

1.2 Survey Specifications

The geodetic system used for the geophysical survey was WGS 84 in UTM Zone 17N. A total of 828 line km was flown over one block with a total area of 74.9 km^2 (Table 1). An additional 1 km was flown to retain data from flight lines flown outside the survey block margins for efficiency. Polygon coordinates for the Egan survey block are specified in Appendix A.

Survey Block	Area (km^2)	Line Type	No. of Lines Planned	No. of Lines Completed	Line Spacing (m)	Line Orientation (UTM grid)	Total Planned Line km	Total Actual km Flown
Egan	74.9	Survey	116	116	100	000°/180°	750	751
		Tie	11	11	1000	090°/270°	77	77
		Total:	**224**	**224**			**827**	**828**

Table 1: Survey flight line specifications for Egan.

2.0 Geophysical Data

Geophysical data are collected in a variety of ways and are used for many purposes including aiding in the determination of geology, mineral deposits, oil and gas deposits, geotechnical investigations, contaminated land sites, and UXO (unexploded ordnance) detection.

For the purposes of this survey, airborne gradient magnetic data were collected to serve in geological mapping and exploration for mineral deposits.

2.1 Magnetic Data

Magnetic surveying is the most common airborne geophysical technology used for both mineral and hydrocarbon exploration. Aeromagnetic surveys measure and record the total intensity of the magnetic field at the magnetometer sensor, which is a combination of the desired geomagnetic field as well as influences from the constantly varying solar wind and the aircraft's magnetic field. By subtracting temporal and aircraft magnetic effects, the resulting aeromagnetic maps show the spatial distribution and relative abundance of magnetic minerals - most commonly the iron oxide mineral magnetite - in the upper levels of Earth's crust, which in turn are related to lithology, structure, and alteration of bedrock. Survey specifications, instrumentation, and interpretation procedures depend on the objectives of the survey. Magnetic surveys are typically performed for:

- Geological Mapping - to aid in mapping lithology, structure, and alteration.
- Depth to Basement Mapping - for exploration in sedimentary basins or mineralization associated with the basement surface.

2.1.1 Gradient Magnetic Data

In addition to high resolution total magnetic field data, horizontal and vertical magnetic gradient data were collected by using a triaxial magnetic gradient bird-type system. Direct measurement of the magnetic gradient has the following benefits:

- Enhanced definition of near-surface anomalies.
- Emphasis on short wavelength spatial components of magnetic anomalies from horizontal variations of the gradients.
- Attenuation of long wavelength spatial components associated with regional trends and large scale anomalies.
- Reduction of high frequency temporal variations in the Earth's magnetic field due to micro-pulsations.
- Immunity to diurnal fluctuations.
- Reduction of aircraft/sensor movement errors.

3.0 Aircraft and Equipment

All geophysical and subsidiary equipment were carefully installed on an aircraft by Precision GeoSurveys to collect gradient magnetic data.

3.1 Aircraft

Precision GeoSurveys flew the survey using a Bell 206 Jet Ranger helicopter, registration C-FQCK.

3.2 Geophysical Equipment

The survey aircraft (Figure 4) was equipped with a slung bird-type triaxial magnetic gradient system, data acquisition system, GPS navigation systems, pilot guidance unit (PGU), laser altimeter, barometer, and fluxgate magnetometer. In addition, two magnetic base stations were used to record temporal magnetic variations. Technical specifications for the geophysical equipment are provided in Appendix B.

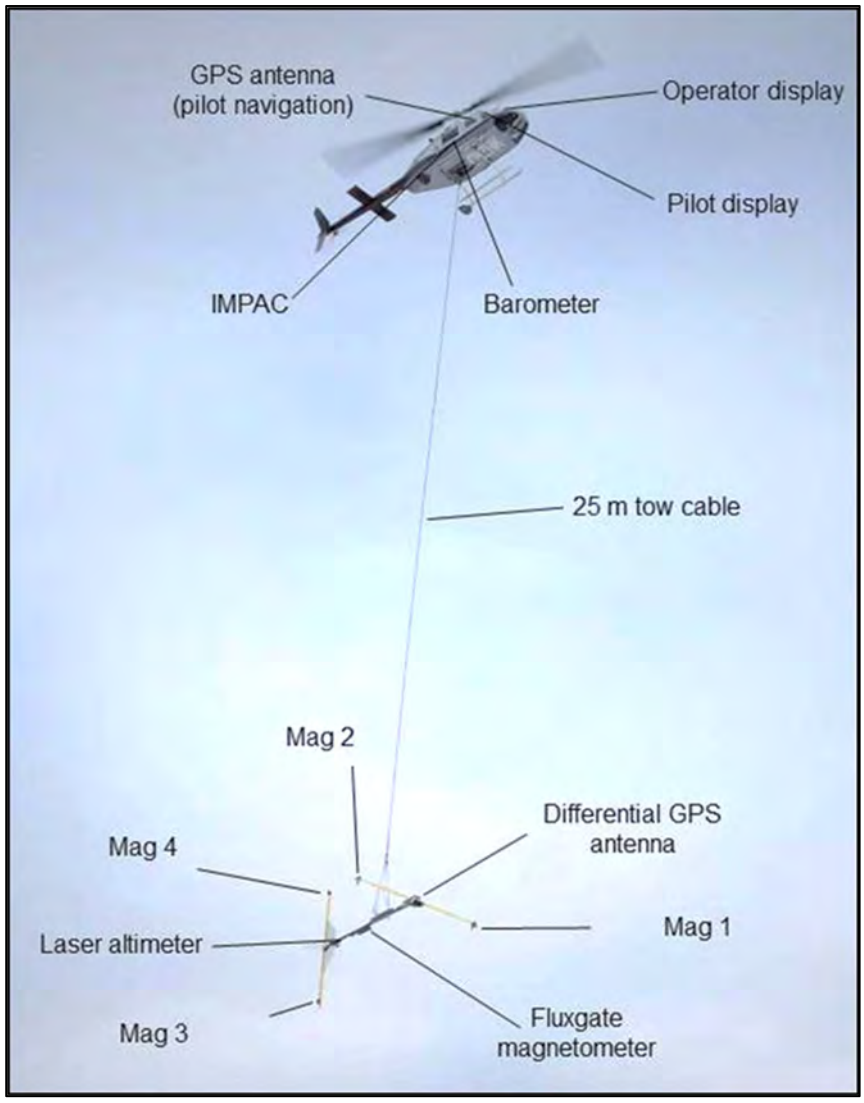

Figure 4: Survey helicopter equipped with geophysical equipment and the triaxial magnetic gradient bird-type configuration slung 25 m below the helicopter.

3.2.1 Triaxial Gradiometer

The primary geophysical technology used on this survey was a slung magnetic gradiometer, custom designed and manufactured by Precision GeoSurveys. The gradiometer bird is constructed completely from non-magnetic and non-conductive materials and provides the required sensor separation for triaxial gradient measurements in stable flight, while incorporating a laser altimeter, fluxgate magnetometer, and a GPS antenna. It is attached to the helicopter by a 25 m long tow cable that eliminates magnetic interference from the aircraft and holds the weight of the system. A shear pin is used as a safety weak link. Magnetic, laser altimeter, attitude, and GPS data are transmitted to the helicopter by wires routed along the tow cable. By design, this gradiometer separates the electronic equipment from the magnetic sensors to allow for cleaner

data collection unaffected by electronic noise and the aircraft's magnetic fields. The bird weighs approximately 80 kg and can be disassembled into multiple components for ease of transport.

In total, the gradiometer (Figure 5) contains four Scintrex CS-3 cesium vapor magnetic sensors individually measuring the total magnetic intensity at their respective positions (Table 2). The unique arrangement of the sensors allows direct measurement of the geomagnetic field in the X (cross-line) gradient axis with the two forward sensors (Mag 1 and Mag 2) and the Z (vertical) gradient axis with the two aft sensors (Mag 3 and Mag 4).

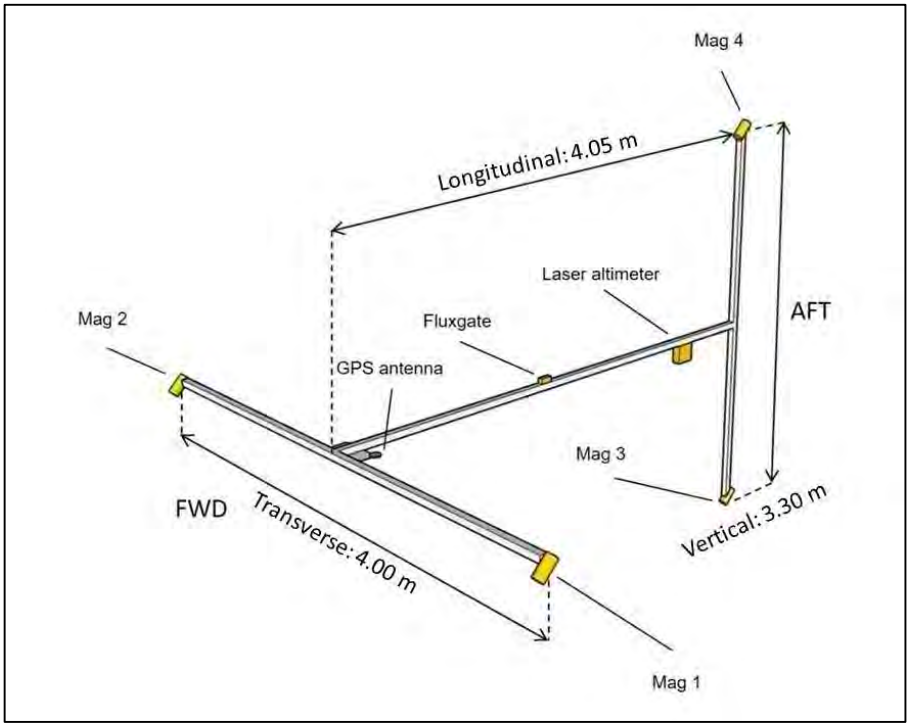

Figure 5: Schematic diagram of magnetic gradiometer system showing triaxial sensor separations. Not to scale.

Position	Location	Model	Serial Number
Mag 1	Forward left	Scintrex CS-3	0706248
Mag 2	Forward right	Scintrex CS-3	2010625
Mag 3	Aft lower	Scintrex CS-3	2105647
Mag 4	Aft upper	Scintrex CS-3	0712302

Table 2: Magnetometer details.

3.2.2 IMPAC

The Integrated Multi-Parameter Acquisition Console (IMPAC) (Figure 6), manufactured by Nuvia Dynamics Inc. (previously Pico Envirotec Inc.), is the main computer used in integrated data recording, data synchronizing, providing real-time quality control data for the geophysical operator display, and the generation of navigation information for the pilot and operator display systems.

Figure 6: IMPAC data acquisition system.

IMPAC uses the Microsoft Windows operating system and geophysical parameters are based on Nuvia's Airborne Geophysical Information System (AGIS) software. Depending on survey specifications, information such as magnetic field, electromagnetic response, total gamma count, counts of various radioelements (K, U, Th, etc.), cosmic radiation, barometric pressure, atmospheric humidity, temperature, aircraft attitude, navigation parameters, and GPS status can all be monitored on the AGIS on-board display (Figure 7).

While in flight, raw magnetic response, magnetic fourth difference, compensated and uncompensated magnetic data, radiometric spectra, EM response, aircraft position, survey altitude, cross track error, and other parameters in accordance with survey specifications are recorded and can be viewed by the geophysical operator for immediate QC (quality control). Additional software allows for post or real time magnetic compensation and radiometric calibration.

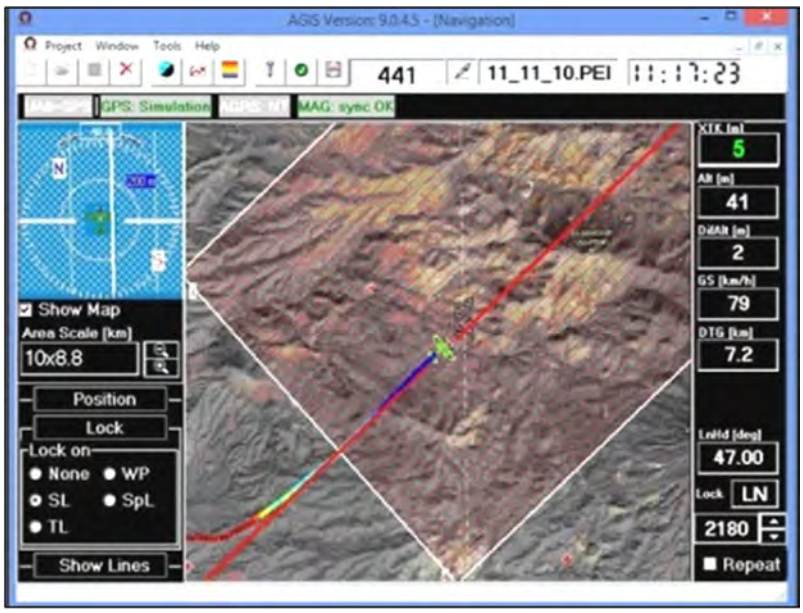

Figure 7: AGIS operator display showing real time flight line recording and navigation parameters. Additional windows display real-time geophysical data to operator.

3.2.3 GPS Navigation System

A Hemisphere R120 GPS receiver and a Novatel GPS antenna on the aircraft integrated with the AGIS navigation system and pilot display (PGU) provide accurate navigational information and control. A Hemisphere R330 GPS receiver (Figure 8) located in the helicopter connected to a Novatel GPS antenna located on the triaxial magnetic gradient bird airframe provides accurate position data for the bird independent of pilot navigation. The R120 and R330 GPS receivers support fast updates and output messages at a rate of up to 20 Hz (20 times per second); delivering sub-meter positioning accuracy in three dimensions for each of the two GPS antenna locations. They support GNSS (GPS/GLONASS) L1 and L2 signals.

The Hemisphere receivers support differential correction methods including L-Band, RTK, SBAS, and Beacon. They employ innovative Hemisphere GPS Eclipse SureTrack technology, which allows phase modeling on satellites that the airborne unit is currently tracking. With SureTrack technology, dropouts are reduced and speed of the signal reacquisitions is increased, enhancing accurate positioning when base corrections are not available.

Figure 8: Hemisphere R330 GPS receiver.

3.2.4 Pilot Guidance Unit

Steering and elevation (ground clearance) information is continuously provided to the pilot by the Pilot Guidance Unit (PGU). The graphical display is mounted on top of the aircraft's instrument panel, remotely from the data acquisition system. The PGU is the primary navigation aid (Figure 9) to assist the pilot in keeping the aircraft on the planned flight path, heading, speed, and at the desired ground clearance.

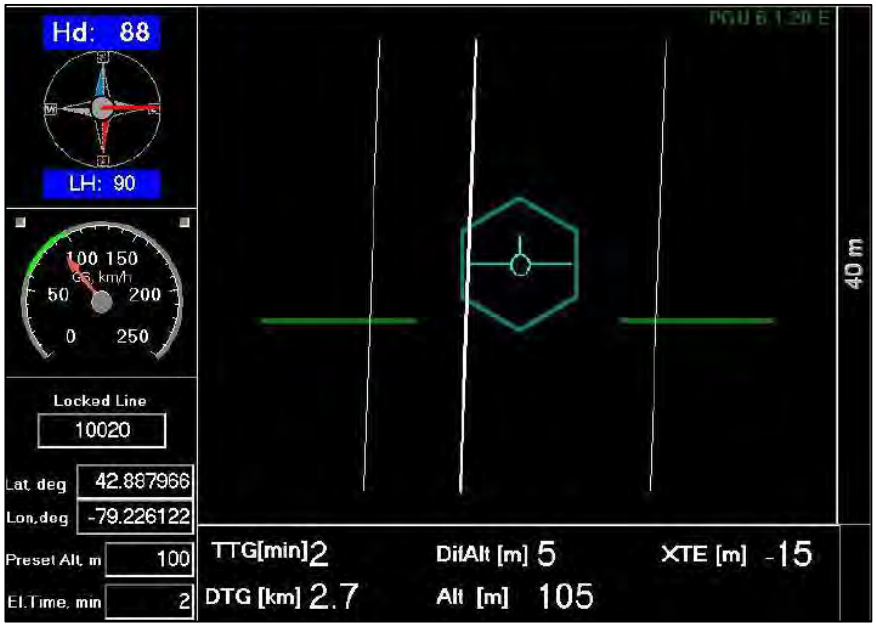

Figure 9: PGU screen displaying navigation information.

PGU information is displayed on a full VGA 600 x 800 pixel 7 inch (17.8 cm) LCD display. The CPU for the PGU is contained in a PC-104 console and uses Microsoft Windows operating system control, with input from the GPS antenna on the aircraft, laser altimeter, and AGIS.

3.2.5 Laser Altimeter

Terrain clearance is measured by an Opti-Logic RS800 Rangefinder laser altimeter (Figure 10) attached to the belly of the forward magnetometer boom. The RS800 laser is a time-of-flight sensor that measures distance by a rapidly modulated and collimated laser beam that creates a dot on the target surface. The maximum range of the laser altimeter is 700 m off natural surfaces with accuracy of ±1 m on 1 x 1 m diffuse target with 50% (±20%) reflectivity. Within the sensor unit, reflected signal light is collected by the lens and focused onto a photodiode. Through serial communications and digital outputs, ground clearance data are transmitted to an RS-232 compatible port and recorded and displayed by the AGIS and PGU at 10 Hz in meters.

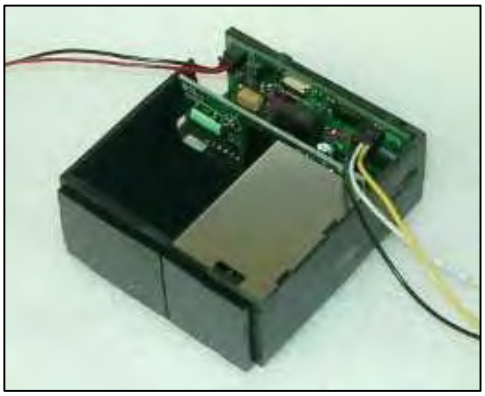

Figure 10: Opti-Logic RS800 Rangefinder laser altimeter.

3.2.6 Magnetometer

The survey was flown with four Scintrex CS-3 split-beam cesium vapor magnetometers (Figure 11) mounted in a non-magnetic and non-conductive slung bird-type configuration. The magnetometers were oriented at 45 degrees with respect to the horizontal to couple with local magnetic field at the Egan survey area.

Figure 11: View of CS-3 cesium vapor magnetometers.

3.2.7 Fluxgate Magnetometer

As the survey helicopter flies along a survey line, small attitude changes (pitch, roll, and yaw) are recorded by a triaxial fluxgate magnetometer (Figure 12). The fluxgate consists of three magnetic sensors, X, Y, and Z, operating independently and simultaneously. Each sensor has an analog output corresponding to the directional component of the ambient magnetic field along its axis. Response of the sensors is proportional to the cosine of the angle between the applied field and the sensor's sensitive axis.

Figure 12: Billingsley TFM100G2 triaxial fluxgate magnetometer.

3.2.8 Magnetic Base Station

Temporal variations of Earth's magnetic field, particularly diurnal, were monitored and recorded by two GEM GSM-19T base station magnetometers. They were operated at all times while airborne data were being collected. The base stations were located in an area with low magnetic gradient, away from electric power transmission lines and moving ferrous objects, such as motor vehicles, that could affect the survey data integrity.

The GEM GSM-19T magnetometer (Figure 13) with integrated GPS time synchronization uses proton precession technology with absolute accuracy of ±0.20 nT and sensitivity of 0.15 nT at 1 Hz. Base station magnetic data were recorded on internal solid-state memory and downloaded onto a field laptop computer using a serial cable and GEMLink 5.4 software. Profile plots of the base station readings were generated, updated, and reviewed at the end of each survey day.

Figure 13: GEM GSM-19T proton precession magnetometer.

4.0 Survey Operations

The survey was flown on May 15 and May 16, 2021, in cloudy and windy conditions. The experience of the pilot ensured that data quality objectives were met, and that safety of the flight crew was never compromised given the potential risks involved in airborne geophysical surveying. Field processing and quality control checks were performed daily.

4.1 Operations Base and Crew

The base of operation for the Egan survey was at the Vi-Mar Motel west of Matheson, Ontario, northeast of the survey block.

Precision's geophysical crew consisted of three members (Table 3):

Crew Member	Position
Devin Landis	Helicopter survey pilot
Jonathan Passiniemi	Geophysical operator and electronics technician
Shawn Walker, M.Sc., P.Geo.	Geophysicist – data processor, mapping, and reporting (off-site)

Table 3: List of survey crew members.

4.2 Magnetic Base Station Specifications

Changes in the Earth's magnetic field over time, such as diurnal variations, magnetic pulsations, and geomagnetic storms, were measured and recorded by two stationary GEM GSM-19T proton precession magnetometers. The magnetic base stations were installed in an area (Table 4; Figures 14 and 15) of low magnetic noise away from metallic items such as ferromagnetic objects, vehicles, and power lines that could affect the base stations and ultimately the survey data.

Station Name	Easting/Northing	Latitude/Longitude	Datum/Projection
GEM 3 S/N 5081669	536544 m E 5375784 m N	48° 32' 2.75" N 80° 30' 17.90" W	WGS 84, Zone 17N
GEM 4 S/N 2065370	536539 m E 5375778 m N	48° 32' 2.56" N 80° 30' 18.15" W	WGS 84, Zone 17N

Table 4: Magnetic base station locations.

Magnetic readings were reviewed at regular intervals to ensure that no airborne data were collected during periods of high magnetic activity (greater than 10 nT change per minute).

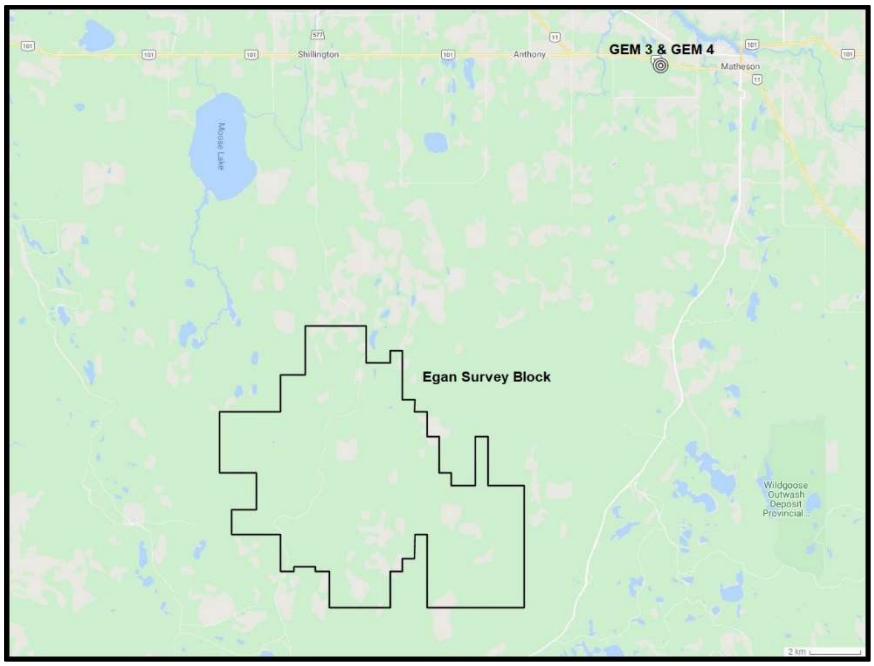

Figure 14: GEM 3 and GEM 4 magnetic base stations located northeast of the survey block.

Figure 15: GEM 3 (left) and GEM 4 (right) magnetic base stations west of Matheson, Ontario.

4.3 Field Processing and Quality Control

Survey data were transferred from the aircraft's data acquisition system to a USB memory stick and copied onto a field data processing laptop on a flight by flight basis. The raw data files in PEI binary data format were converted into Geosoft GDB database format. Using Geosoft Oasis Montaj 9.9.1, the data were inspected to ensure compliance with contract specifications (Table 5; Figures 16 to 18).

Parameter	Specification	Tolerance
Position	Line Spacing	Flight line deviation within 8 m L/R from ideal flight path. No exceedance for more than 1 km.
	Height	Nominal flight height of 40 m above ground level (AGL) with tolerance of ±10 m. No exceedance for more than 1 km, provided deviation is not due to tall trees, topography, mitigation of wildlife/livestock harassment, cultural features, or other obstacles beyond the pilot's control.
	GPS	GPS signals from four or more satellites must be received at all times, except where signal loss is due to topography. No exceedance for more than 1 km.
Magnetics	Temporal/Diurnal Variations	Non-linear temporal magnetic variations within 10 nT of a linear chord of length 5 minutes.
	Normalized 4th Difference	Magnetic data within 0.01 nT peak to peak. No exceedance for distances greater than 1 km or more, provided noise is not due to geological or cultural features.

Table 5: Contract survey specifications.

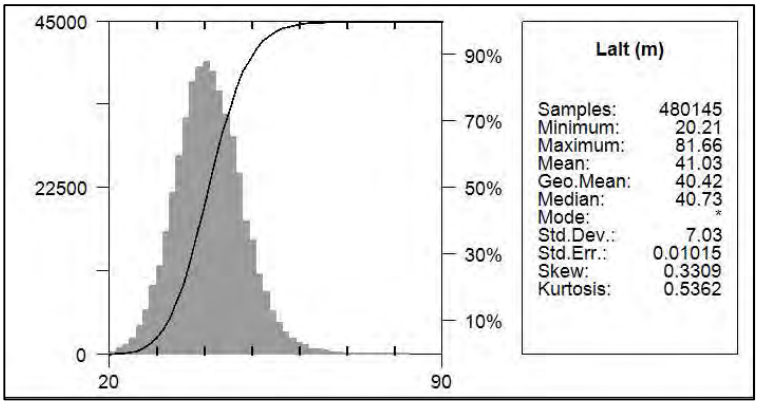

Figure 16: Histogram showing survey bird elevation vertically above ground.

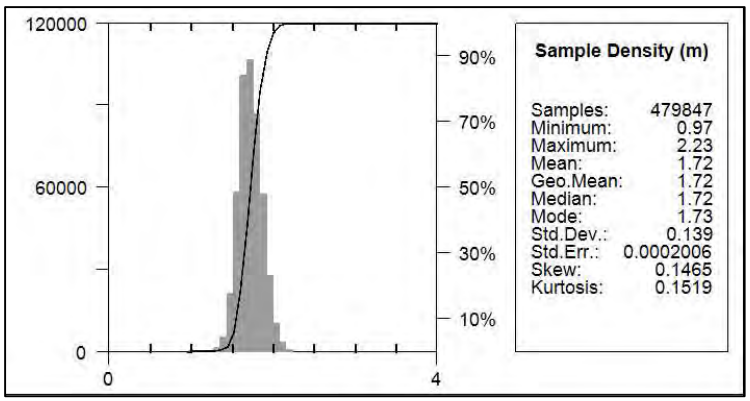

Figure 17: Histogram showing magnetic sample density. Horizontal distance in meters between adjacent measurement locations; magnetic sample frequency 20 Hz.

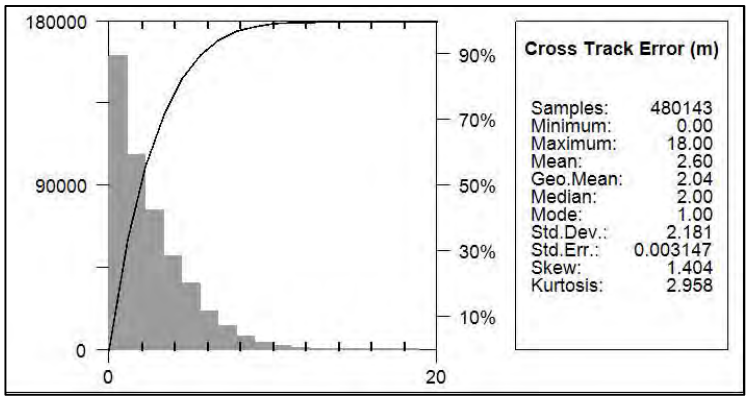

Figure 18: Histogram showing cross track error of survey bird.

5.0 Data Acquisition Equipment Checks

Equipment tests and calibrations were conducted for the laser altimeter and magnetometers at the start of the survey to ensure compliance with contract specifications and to deliver high quality airborne geophysical data. A lag test was conducted for both the laser altimeter and magnetometers. For the airborne magnetometers, a heading error test was flown.

5.1 Laser Altimeter Calibration

The Opti-Logic RS800 laser altimeter used on the survey helicopter was tested and calibrated in accordance with manufacturer's instructions prior to starting the survey. This ensured that heights reported by the laser were accurate within the normal survey operating range.

5.2 Lag Test

A lag test was performed to determine the difference in time the digital reading was recorded for the magnetometers and laser altimeter with the position fix time that the fiducial of the reading was obtained by the GPS system resulting from a combination of system lag and different locations of the various sensors and the GPS antenna. The test was flown in reciprocal headings over identifiable features at survey speed and height to isolate position changes. The resulting data (Table 6) were used to correct for time and position.

Instrument	Source	Lag Fiducial	Correction (sec)
Mag 1	Logging equipment	38	1.9
Mag 2	Logging equipment	38	1.9
Mag 3	Logging equipment	38	1.9
Mag 4	Logging equipment	38	1.9
Laser	Sharp gully	6	0.3

Table 6: Survey lag correction values. Laser altimeter resampled to 20 Hz.

5.3 Heading Correction Test

Optically pumped magnetometers are subject to small errors in the reported total magnetic intensity depending on the direction of flight. For a gradient survey, this heading error is determined for each of the four survey flight directions by comparing the average total magnetic intensity for all four sensors with the average total magnetic intensity reported by the individual sensors. These four differences are then averaged, and the same heading correction is applied to all four sensors in the four flight directions, so that the gradient measurements are not affected. Results of the heading correction analysis are summarized in Table 7.

Heading	Heading Correction (nT)
000°	0.15
090°	-1.56
180°	-0.14
270°	1.57
Total:	**0.00**

Table 7: Heading correction data.

6.0 Data Processing

After all data were collected, several procedures were undertaken to ensure that the data met a high standard of quality. All magnetic data recorded by the AGIS were converted into Geosoft or ASCII file formats using Nuvia Dynamics software. Further processing (Figure 19) was carried out using Geosoft Oasis Montaj 9.9.1 geophysical processing software along with proprietary processing algorithms.

6.1 Position Corrections

In order to collect high resolution geophysical data, the location at which the data were collected and recorded must be accurate.

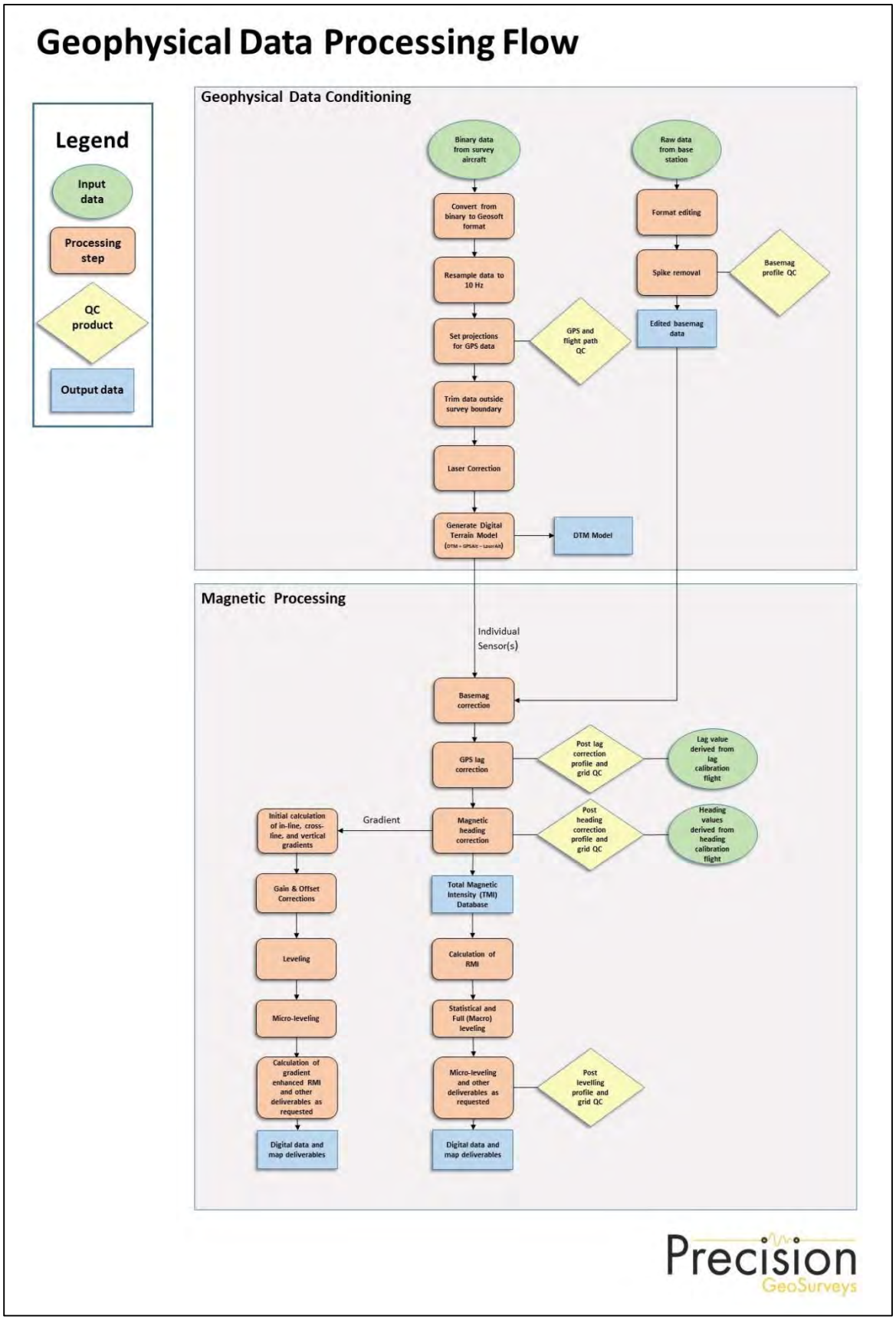

Figure 19: Magnetic data processing flow.

6.1.1 Lag Correction

A correction for lag error was applied to the geophysical data recorded at each individual sensor to compensate for the combination of lag in the recording system and the sensing instrument flying in a different location from the GPS antenna, as determined during the lag test. Validity of the lag corrections was confirmed by the absence of grid corrugations in adjoining reciprocal lines.

6.2 Flight Height and Digital Terrain Model

Laser altimeters are unable to provide valid data over glassy water or fog which dissipate the laser so that a "zero" reading is obtained. In these cases, estimates of correct height are inserted manually. Dense vegetation generates high frequency variations from leaf and branch reflections. A Rolling Statistics filter is applied to the lag corrected (0.3 seconds lag) laser altimeter data to remove vegetation clutter followed by a Low Pass filter to smooth out the laser altimeter profile to eliminate isolated high frequency noise and generate a surface closely corresponding to the actual ground profile.

A Digital Terrain Model (DTM) channel was calculated by subtracting the processed laser altimeter data from the filtered GPS altimeter data defined by the WGS 84 ellipsoidal height. DTM accuracy is affected by the geometric relationship between the GPS antenna and the laser altimeter as well as flight attitude of the aircraft, slope of the ground, sample density, and satellite geometry.

6.3 Magnetic Processing

Magnetic data from each individual sensor were corrected for temporal variations (including diurnal) and lag. The data were examined for magnetic noise and spikes, which were removed as required. The background magnetic field, International Geomagnetic Reference Field (IGRF) of the Earth was removed. Survey and tie line data of the resulting residual magnetic field were leveled. Magnetic gradients in the X, Y, and Z axes were determined to provide in-line, cross-line, and vertical gradients, respectively.

6.3.1 Temporal Variation Correction

The intensity of Earth's magnetic field varies with location and time. The time variable, known as diurnal or more correctly temporal variation, is removed from the recorded airborne data to provide the desired magnetic field at a specified location. Magnetic data from base station GEM 4 were used for correcting the airborne magnetic survey data, and GEM 3 data were retained for backup. The data were edited, plotted, and merged into a Geosoft database (.GDB) on a daily basis.

Base station measurements were averaged to establish a magnetic reference datum of 55344.68 nT. Magnetic deviations relative to the reference datum were used to calculate the observed

variations of the Earth's magnetic field over time. The airborne magnetic data were then corrected for temporal variations by subtracting the base station deviations from the data collected on the aircraft, effectively removing the effects of diurnal and other temporal variations.

6.3.2 Heading Correction

For each survey heading, changes in the apparent magnetic field due to instrumental heading error are measured and recorded. These values are used to construct a heading table (.TBL) file. For the entire dataset, the overall average magnetic field value was calculated. For each of the four headings, the averages were calculated and then compared to the overall average to determine four values which were used to correct heading and offset errors in each flight direction for each magnetometer.

6.3.3 IGRF Removal

The International Geomagnetic Reference Field (IGRF) model is the empirical representation of Earth's dynamic magnetic field (main core field without external sources) collected and disseminated from satellite data and from magnetic observatories around the world. The IGRF has historically been revised and updated every five years by a group of modellers associated with the International Association of Geomagnetism and Aeronomy (IAGA).

The initial unleveled Residual Magnetic Intensity (RMI) was calculated by taking the difference between the 13th generation IGRF (IGRF-13, released in December 2019) and the non-leveled Total Magnetic Intensity (TMI) to create a more valid model of individual near-surface magnetic anomalies. This model is independent of time to allow for other magnetic data (previous or future) to be more easily incorporated into each survey database.

6.3.4 Leveling and Micro-leveling

Small inconsistencies in flight height and line orientation result in small spatial variabilities in magnetic intensity measured at the intersection points of survey lines and tie lines. Using the initial Residual Magnetic Intensity (RMI) data from the average of Mag 1 and Mag 2 (TMI with the IGRF removed), RMI data from survey and tie lines were leveled to each other. Two types of leveling were applied to the corrected data: conventional leveling and micro-leveling. There were two components to conventional leveling: statistical leveling to level tie lines and full leveling to level survey lines. The statistical leveling method corrected the SL/TL intersection errors that follow a specific pattern or trend. Through the error channel, an algorithm calculated a least-squares trend line and derived a trend error curve, which was then added to the channel to be leveled. The second component was full leveling. This adjusted the magnetic value of the survey lines so that all lines matched the trended tie lines at each intersection point.

Following statistical leveling, micro-leveling was applied to the corrected conventional leveled data. This iterative grid-based process removed low amplitude components of flight line noise that still remained in the data after tie line and survey line leveling and resulted in fully leveled RMI data.

6.4 Magnetic Gradient

When magnetic values are obtained simultaneously from two or more sensors at a fixed separation, gradient of the magnetic field can be measured. Dividing the difference in magnetic values between the sensors by the distance between the sensors yields the magnetic gradient. The units are commonly reported as nT/m and, by convention, positive magnetic polarity is defined as to the north and east, and negative to the south and west. For vertical gradient, positive is defined as downwards. The sensors and the separations that were used to determine the various gradients are listed in Table 8.

Direction	Sensors	Separation (m)
Lateral (X)	Mag 1 and Mag 2	4.00
Longitudinal (Y)	Sequential TMI values (Average of Mag 1 and Mag 2)	1.72*
Vertical (Z)	Mag 3 and Mag 4	3.30

Table 8: Magnetic sensor relationship used to calculate magnetic gradients. Total magnetic intensity (TMI) was determined as the average of Mag 1 and Mag 2, and successive values of the TMI were used to determine the longitudinal (Y axis) gradient.
*average separation between sequential TMI values shown; actual value varied according to aircraft speed.

Because the magnetic field gradient varies more rapidly than total field strength, magnetic gradient provides higher spatial resolution, especially for shallow sources that are smaller than the survey line spacing or linear sources that are parallel to flight lines. Magnetic gradients, as compared to total magnetic intensities, have the additional benefits of being less sensitive to temporal variations and aircraft/sensor movement errors.

6.4.1 Horizontal Gradients

Horizontal magnetic gradients were determined in the in-line (Y axis) and cross-line (X axis) directions. Mag 1 (left) and Mag 2 (right) were used for both directions so that elevations were consistent in both axes. Gradients were calculated with respect to the magnetometer array with units provided as nT/m.

In-line gradient (ILG) is determined from successive average magnetic values of Mag 1 and Mag 2 referenced to the distance between data points in accordance with the following formula:

$$ILG = \frac{a(i+1) - a(i-1)}{d(i+1) + d(i-1)}$$

where: a is the average total magnetic intensity of Mag 1 and Mag 2
d is the distance between measurements
i is the record number for the sample location

Cross-line gradient (XLG) was measured directly by dividing the difference between Mag 1 and Mag 2 by the sensor separation in accordance with the following formula:

$$XLG = \frac{\text{Mag 1} - \text{Mag 2}}{d_x}$$

where: d_x is the transverse sensor separation, 4.00 m

Gain corrections were applied to the initial cross-line gradient. Overall, Mag 1 and Mag 2 should produce the same total magnetic field. If the ratio of the TMI between the sensors does not equal one, a gain correction needs to be applied to account for instrument error and asymmetric magnetic fields. The mean of the ratio between the TMI values for Mag 1 and Mag 2 for each line was calculated and applied to each Mag 2 value along the line. The cross line gradient was then re-calculated from the gain-corrected Mag 2 values.

After correcting for gain in the cross-line gradient, offset corrections were applied. Offsets were determined by subtracting the first difference of the gain-corrected cross-line gradient from the gain-corrected gradient to reduce line-to-line errors (striping) in the gradient grid. The resulting data were then micro-leveled to remove any remaining striping.

Total Horizontal Gradient (HG) is the magnitude of the combined in-line and cross-line gradients. It is used to estimate contact locations of magnetic bodies at shallow depths, reveal anomaly textures, and highlight anomaly-pattern discontinuities.
Horizontal Gradient (HG) is calculated as:

$$\text{HG}(x,y) = \sqrt{ILG^2 + XLG^2}$$

where: ILG is the in-line gradient
XLG is the cross-line gradient

6.4.2 Vertical Gradient

Vertical gradient (Z axis) is useful for enhancing shorter wavelength signals; therefore, edges of magnetic anomalies are highlighted, and deep geologic sources in the data are suppressed.

Vertical gradient is determined directly with respect to the magnetometer array of Mag 3 (lower) and Mag 4 (upper) with units provided as nT/m as follows:

$$Vertical\ Gradient = \frac{\text{Mag 3} - \text{Mag 4}}{d_z}$$

where: d_z is the vertical sensor separation, 3.30 m

6.4.3 Analytic Signal

Analytic Signal (AS) is the magnitude of the total magnetic gradient in three axes, determined as the square root of the sum of the squares of the measured horizontal gradients (in-line and cross-line) and vertical gradient. Analytic signal is useful in locating the edges of magnetic source bodies.

If M is the magnetic field, then Analytic Signal (AS) is calculated as:

$$\text{AS}(x, y, z) = \sqrt{\left(\frac{\partial M}{\partial x}\right)^2 + \left(\frac{\partial M}{\partial y}\right)^2 + \left(\frac{\partial M}{\partial z}\right)^2}$$

6.4.4 Tilt Derivative

The Tilt Derivative (TDR) was applied to the Total Magnetic Intensity (TMI). Variations of anomaly amplitude are minimized in order to enhance subtle features. Therefore, weak magnetic anomalies are highlighted.

The tilt derivative is calculated by:

$$TDR = tan^{-1}\left[\frac{\left(\frac{\partial M}{\partial z}\right)}{\sqrt{\left(\frac{\partial M}{\partial x}\right)^2 + \left(\frac{\partial M}{\partial y}\right)^2}}\right]$$

where: M is the magnetic field
$\frac{\partial}{\partial z}$ is the vertical derivative
$\frac{\partial}{\partial x}$ is the horizontal derivative in the x-direction
$\frac{\partial}{\partial y}$ is the horizontal derivative in the y-direction

6.4.5 Calculation of First Vertical Derivative

First Vertical Derivative (1VD) is the first order vertical derivative of the leveled Reduced to Magnetic Pole (RTP) data determined from RMI. It is the vertical rate of change in the magnetic field per unit distance (m). The vertical gradient is used to enhance shorter wavelength signals; therefore, edges of magnetic anomalies are highlighted, and deep geologic sources in the data are suppressed.

The filter, L, used to produce the nth vertical derivative is described by:

$$L(r) = r^n$$

where: r is the radial component in the wavenumber domain

6.4.6 Gradient Enhanced Magnetic Intensity

Using the measured gradients (in-line and cross-line directions), the initial enhanced Total Magnetic Intensity (TMIge) was generated. A Butterworth high-pass filter was applied to this initial enhanced TMI to extract the short wavelength signals and a low-pass filter was applied to the measured TMI to extract the long wavelength signals. These wavelengths are then summed together to generate the final enhanced Total Magnetic Intensity. By subtracting the IGRF, the gradient enhanced Residual Magnetic Intensity (RMIge) was generated.

6.4.7 Gradient Enhanced Reduction to Magnetic Pole

Gradient enhanced Reduced to Magnetic Pole (RTPge) data were determined from the gradient enhanced Residual Magnetic Intensity (RMIge) data. The RTP filter was applied in the Fourier domain and rotates the observed magnetic inclination and declination field to what the field would look like at the north magnetic pole, to allow observation of magnetic trends and patterns independent of magnetic inclination and declination.

Inclination and declination were calculated by using the "Date" channel. The derived values were used in the following formula:

$$RTP\ (\theta) = \frac{[\sin(I) - I\ \cdot \cos(I) \cdot \cos(D - \theta)]^2}{[\sin^2(I_a) + \cos^2(I_a) \cdot \cos^2(D - \theta)] \cdot [\sin^2(I) + \cos^2(I) \cdot \cos^2(D - \theta)]}$$

where: I is geomagnetic inclination in ° from horizontal
D is geomagnetic declination in ° azimuth from magnetic north
I_a is the inclination for amplitude correction (never less than I). Default is ± 20°. If $|I_a|$is specified to be less than$|I|$, it is set to I

7.0 Deliverables

Egan survey block data are presented as digital databases, maps, and a logistics report.

7.1 Digital Data

Digital files have been provided in three formats:

- GDB file for use in Geosoft Oasis Montaj,
- XYZ file,
- CSV Excel comma separated file.

Full descriptions of the digital data and contents are included in Appendix C.

7.1.1 Grids

The digital data were represented as grids as listed below:

- Digital Terrain Model (DTM)
- Total Magnetic Intensity (TMI)
- Residual Magnetic Intensity (RMI) – removal of IGRF from TMI
- Reduced to Magnetic Pole (RTP) – reduced to magnetic pole of RMI
- In-Line Gradient (ILG)
- Cross-Line Gradient (XLG)
- Vertical Gradient (VG)
- Horizontal Gradient (HG) – total magnitude of the horizontal gradients (in-line and cross-line)
- Analytic Signal (AS)
- Tilt Derivative (TDR) of TMI
- First Vertical Derivative (1VD) of RTP
- Gradient enhanced Total Magnetic Intensity (TMIge)
- Gradient enhanced Residual Magnetic Intensity (RMIge)
- Gradient enhanced Reduced to Magnetic Pole (RTPge) – reduced to magnetic pole of RMIge

Magnetic data were gridded and displayed using the following Geosoft parameters:

- Gridding method: minimum curvature
- Grid cell size: 25 m
- Low-pass desampling factor: 2
- Tolerance: 0.001
- % pass tolerance: 99.99

- Maximum iterations: 100

The gradient and gradient enhanced magnetic grids were drawn with a wet-look colour shade and all other magnetic grids were drawn with a histogram-equalized colour shade. All maps were shaded with the sun illumination inclination at 45° and declination at 045°. DTM grid was drawn with a linear topographic colour scale.

7.2 KMZ

Gridded digital data were exported into .KMZ files which can be displayed using Google Earth. The grids can be draped onto topography and rendered to give a 3D view.

7.3 Maps

Digital maps were created for the Egan survey block. The following map products were prepared:

Overview Maps (colour images with elevation contour lines):

- Actual flight lines
- DTM

Magnetic Maps (colour images with elevation contour lines):

- TMI, with actual flight lines and topographic features
- TMI
- RMI
- RTP of RMI
- ILG
- XLG
- VG
- HG
- AS
- TDR
- 1VD of RTP

Gradient Enhanced Magnetic Maps (colour images with elevation contour lines):

- TMIge
- RMIge
- RTPge of RMIge

All survey maps were prepared in WGS 84 and UTM Zone 17N.

7.4 Report

A pdf copy of the logistics report is included along with digital data and maps. The report provides information on the data acquisition procedures, data processing, and presentation of the Egan survey block data.

8.0 Conclusions and Recommendations

The Egan survey resulted in the collection of 828 line km of high resolution gradient magnetic data over one survey block. The data have been processed and plotted on maps as a representation of the magnetic features of the survey area.

Geophysical data processing, particularly leveling and data interpolation routines, may tend to smooth the original data so that resolution is reduced. In addition, gridding algorithms are not always able to properly calculate grids where flight height between adjacent flight lines varied due to cultural obstacles or steep terrain, where geological structures are acute to flight lines, where line spacing exceeds the size of the causative anomaly, or near grid margins as in "edge effects." Therefore, subtle geophysical features in gridded and derivative-enhanced products or near the survey margins may introduce artifacts and must be evaluated with discretion.

The airborne geophysical data were acquired to map the geophysical characteristics of the survey area, which are in turn related to the distribution of magnetic minerals in the Earth. Magnetic patterns correspond to the concentration and distribution of magnetite and other magnetic minerals in Earth's subsurface. Therefore, the geophysical data will be useful in mapping lithology, structure, and alteration, which will benefit mineral exploration initiatives and geological studies.

Geophysical data are rarely a direct indication of mineral deposits and therefore interpretation and careful integration with existing and new geological, geochemical, and other geophysical data are recommended to maximize value from the survey investment.

Respectfully submitted,
Precision GeoSurveys Inc.

Shawn Walker, P.Geo.
June 2021

Appendix A

Polygon Coordinates

Egan – WGS 84 Zone 17N

Latitude (deg N)	Longitude (deg W)	Easting (m)	Northing (m)
48.44583	80.65617	525427	5365912
48.43333	80.65625	525427	5364522
48.43333	80.64375	526351	5364527
48.43750	80.64372	526351	5364990
48.43750	80.63744	526816	5364992
48.42917	80.63750	526816	5364066
48.42085	80.63756	526816	5363141
48.42083	80.63122	527285	5363141
48.41667	80.63125	527285	5362678
48.41667	80.62494	527752	5362681
48.40833	80.62500	527752	5361754
48.40833	80.61866	528221	5361757
48.39583	80.61875	528221	5360367
48.39583	80.61247	528686	5360370
48.39167	80.61250	528686	5359906
48.39167	80.60013	529602	5359911
48.40833	80.60000	529602	5361764
48.40833	80.59362	530074	5361766
48.39167	80.59375	530074	5359914
48.39167	80.57497	531465	5359921
48.38750	80.57500	531465	5359458
48.37917	80.57507	531465	5358532
48.35000	80.57500	531488	5355290
48.35000	80.62500	527784	5355270
48.35417	80.62500	527781	5355734
48.37504	80.62485	527781	5358054
48.37500	80.63119	527312	5358047
48.36667	80.63125	527312	5357121
48.36667	80.63747	526851	5357118
48.36250	80.63750	526851	5356655
48.36246	80.64369	526392	5356649
48.35417	80.64375	526392	5355727
48.35000	80.64378	526392	5355264
48.35000	80.67500	524079	5355253
48.36250	80.67492	524079	5356643
48.36250	80.68206	523550	5356641
48.36397	80.68205	523550	5356804
48.36396	80.69322	522723	5356800
48.36250	80.69323	522723	5356637
48.36250	80.70007	522216	5356635
48.37500	80.70000	522216	5358025
48.37500	80.72504	520361	5358018

Egan – WGS 84 Zone 17N (cont.)

Latitude (deg N)	Longitude (deg W)	Easting (m)	Northing (m)
48.38333	80.72500	520361	5358944
48.38333	80.71257	521282	5358947
48.39583	80.71250	521282	5360337
48.39583	80.73127	519892	5360332
48.40000	80.73125	519892	5360795
48.40833	80.73121	519892	5361721
48.41667	80.73116	519892	5362648
48.41667	80.70000	522198	5362656
48.42917	80.69993	522198	5364046
48.42917	80.68750	523117	5364049
48.44583	80.68740	523117	5365902

Appendix B

Equipment Specifications

- GEM GSM-19T Proton Precession Magnetometer (Magnetic Base Station)
- Hemisphere R120 GPS Receiver (for pilot navigation)
- Hemisphere R330 GPS Receiver (for data recovery)
- Opti-Logic RS800 Rangefinder Laser Altimeter
- Setra Model 276 Barometric Pressure Sensor
- Scintrex CS-3 Survey Magnetometer
- Billingsley TFM100G2 Ultra Miniature Triaxial Fluxgate Magnetometer
- Nuvia Dynamics IMPAC data recorder system (for navigation and geophysical data acquisition)

GEM GSM-19T Proton Precession Magnetometer (Magnetic Base Station)

Sensitivity	0.15 nT @ 1 Hz
Resolution	0.01 nT (gamma), magnetic field and gradient
Absolute Accuracy	±0.2 nT @ 1 Hz
Operating Range	20,000 nT to 120,000 nT
Gradient Tolerance	Over 7,000 nT/m
Operating Ranges	Temperature: -40°C to +50°C Battery Voltage: 10.0 V minimum to 15 V maximum Humidity: up to 90% relative, non-condensing
Storage Temperature	-50°C to +50°C
Dimensions	Console: 223 x 69 x 40 mm Sensor Staff: 4 x 450 mm sections Sensor: 170 x 71 mm dia. Weight: console 2.1 kg, sensor and staff assembly 2.2 kg
Integrated GPS	Yes

Hemisphere R120 GPS Receiver

GPS Sensor	Receiver Type	L1, C/A code, with carrier phase smoothing (Patented COAST technology during differential signal outage
	Channels	12-channel, parallel tracking (10-channel when tracking SBAS)
	Update Rate	Up to 20 Hz position
	Cold Start Time	<60 s
	SBAS Tracking	2-channel, parallel tracking
	Horizontal Accuracy	<0.02 m 95% confidence (RTK 1, 2) <0.28 m 95% confidence (L-Dif 1, 2) <0.6 m 95% confidence (DGPS 1,3) <2.5 m 95% confidence (autonomous, no SA1)
	Differential Options	SBAS, Autonomous, External RTCM, RTK, OmniSTAR (HP/XP)
Beacon Sensor Specifications	Channels	2-channel, parallel tracking
	Frequency Range	283.5 to 325 kHz
	MSK Bit Rates	50, 100, and 200 bps
L-Band Sensor	Channels	Single channel
	Frequency Range	1530 MHz to 1560 MHz
	Satellite Selection	Manual or Automatic (based on location)
	Startup and Satellite Reacquisition Time	15 seconds typical
Communications	Serial Ports	2 full duplex RS232C
	Baud Rates	4800 – 115200
	USB Ports	1 Communications
	Correction I/O Protocol	RTCM SC-104
	Data I/O Protocol	NMEA 0183
	Timing Output	1 PPS (HCMOS, active high, rising edge sync, 10 kΩ, 10 pF load)
	Raw Data	Proprietary binary (RINEX utility available)
Environmental	Operating Temperature	-30°C to +70°C
	Storage Temperature	-40°C to +85°C
	Humidity	95% non-condensing
Power GPS Sensor	Input Voltage Range	8 to 36 VDC
	Power Consumption	3 Watts
	Current Consumption	< 250 mA @ 12 VDC
	Antenna Voltage Output	5.0 VDC

[1]Depends on multipath environment, number of satellites in view, satellite geometry and ionospheric activity.
[2] Up to 5 km baseline length.
[3] Depends also on baseline length.

Hemisphere R330 GPS Receiver

GPS Sensor	Receiver Type	L1 and L2 RTK with carrier phase	
	Channels	12 L1CA GPS 12 L1P GPS 12 L2P GPS 12 L2C GPS 12 L1 GLONASS (with subscription code) 12 L2 GLONASS (with subscription code) 3 SBAS or 3 additional L1CA GPS	
	Update Rate	10 Hz standard, 20 Hz available	
	Cold Start Time	<60 s	
	Warm Start Time 1	30 s (valid ephemeris)	
	Warm Start Time 2	30 s (almanac and RTC)	
	Hot Start Time	10 s typical (valid ephemeris and RTC)	
	Reacquisition	<1 s	
	Differential Options	SBAS, Autonomous, External RTCM, RTK, OmniSTAR (HP/XP)	
Horizontal Accuracy		RMS (67%)	2DRMS (95%)
	RTK [1, 2]	10 mm + 1 ppm	20 mm + 2 ppm
	OmniSTAR HP [1, 3]	0.1 m	0.2 m
	SBAS (WAAS) [1]	0.3 m	0.6 m
	Autonomous, no SA [1]	1.2 m	2.5 m
L-Band Sensor	Channel	Single channel	
	Frequency Range	1530 MHz to 1560 MHz	
	Satellite Selection	Manual or Automatic (based on location)	
	Startup and Satellite Reacquisition Time	15 seconds typical	
Communications	Serial Ports	2 full duplex RS232	
	Baud Rates	4800 – 115200	
	USB Ports	1 Communications, 1 Flash Drive data storage	
	Correction I/O Protocol	Hemisphere GPS proprietary, RTCM v2.3 (DGPS), RTCM v3 (RTK), CMR, CMR+NMEA 0183, Hemisphere GPS binary	
	Timing Output	1 PPS (HCMOS, active high, rising edge sync, 10 kΩ, 10 pF load)	
	Event Marker Input	HCMOS, active low, falling edge sync, 10 kΩ	
Environmental	Operating Temperature	-40°C to +70°C	
	Storage Temperature	-40°C to +85°C	
	Humidity	95% non-condensing	
Power GPS Sensor	Input Voltage Range	8 to 36 VDC	
	Consumption, RTK	<3.5 W (0.30 A @ 12 VDC typical)	
	Consumption, OmniSTAR	<4.3 W (0.36 A @ 12 VDC typical)	

[1]Depends on multipath environment, number of satellites in view, satellite geometry and ionospheric activity.
[2] Depends also on baseline length.
[3] Requires a subscription from OmniSTAR.

Opti-Logic RS800 Rangefinder Laser Altimeter

Accuracy	±1 m on 1x1 m^2 diffuse target with 50% reflectivity, up to 700 m
Resolution	0.2 m
Communication Protocol	RS232-8, N, 1 ASCII characters
Baud Rate	19200
Data Raw Counts	~200 Hz
Data Calibrated Range	~10 Hz
Data Rate	~200 Hz raw counts for un-calibrated operation; ~10 Hz for calibrated operation (averaging algorithm seeks 8 good readings)
Calibrated Range Units	Feet, Meters, Yards
Laser	Class I (eye-safe), 905 nm ± 10 nm
Power	7 - 9 VDC conditioned required, current draw at full power (~ 1.8 W)
Laser Wavelength	RS100 905 nm ± 10 nm
Laser Divergence	Vertical axis – 3.5 mrad half-angle divergence; Horizontal axis – 1 mrad half-angle divergence; (approximate beam “footprint” at 100 m is 35 cm x 5 cm)
Dimensions	32 x 78 x 84 mm (lens face cross section is 32 x 78 mm)
Weight	<227 g (8 oz)
Casing	RS100/RS400/RS800 units are supplied as OEM modules consisting of an open chassis containing optics and circuit boards. Custom housings can be designed and built on request.

Setra Model 276 Barometric Pressure Sensor

Performance	Accuracy RSS[1] (at constant temp)	±0.25% FS[2]
	Non-Linearity (BSFL)	±0.22% FS
	Hysteresis	0.05% FS
	Non-Repeatability	0.05% FS
	Thermal Effects[3]	Compensated range: 0°C to +55°C (+30°F to +130°F) Zero shift (over compensated range): 1% FS Span shift (over compensated range): 1% FS
	Resolution	Infinite, limited only by output noise level (0.0005% FS)
	Time Constant	10 msecs to reach 90% final output with step function pressure input
	Long Term Stability	0.25% FS / 6 months
Environmental	Temperature	Operating[4]: -18°C to +79°C (0°F to +175°F) Storage: -55°C to +121°C (-65°F to +250°F)
	Vibration	2 g from 5 Hz to 500 Hz
	Shock	50 g (Operating, 1/2 sine 10 ms)
	Acceleration	10 g
Electrical	Circuit	3-Wire[5] (Exc, Out, Com)
	Power Consumption	0.20 W (24 VDC)
	Output Impedance	5 Ω
	Output Noise	<200 µV RMS (0 to 100 Hz)

[1] RSS of non-linearity, hysteresis, and non-repeatability.
[2] FS = 300 mb for 800 – 1100 mb range; 500 for 600 – 1100 mb range; and 20 PSI for 0 to 20 PSIA.
[3] Units calibrated at nominal 70°F. Maximum thermal error computed from this datum.
[4] Operating temperature limits of the electronics only. Pressure media temperatures may be considerable higher or lower.
[5] The separate leads for +EXC, -EXC, +Out, -Out are commoned internally. The shield is connected to the case. For best performance, either the -Exc or -Out should be connected to the case. Unit is calibrated at the factory with -Exc connected to the case. The insulation resistance between all signal leads are tied together and case ground is 10

Scintrex CS-3 Magnetometer

Operating Principal	Self-oscillating split-beam Cesium Vapor (non-radioactive ^{133}Cs)
Operating Range	15,000 nT to 105,000 nT
Gradient Tolerance	40,000 nT/m
Operating Zones	15° to 75° and 105° to 165°
Hemisphere Switching	a) Automatic b) Electronic control actuated by the control voltage levels (TTL/CMOS) c) Manual
Sensitivity	0.0006 nT √Hz rms
Noise Envelope	Typically 0.002 nT peak to peak, 0.1 to 1 Hz bandwidth
Heading Error	±0.20 nT (inside the optical axis to the field direction angle range 15° to 75° and 105° to 165°)
Absolute Accuracy	<2.5 nT throughout range
Output	a) Continuous signal at the Larmor frequency which is proportional to the magnetic field (proportionality constant 3.49857 Hz/nT) sine wave signal amplitude modulated on the power supply voltage b) Square wave signal at the I/O connector, TTL/CMOS compatible
Information Bandwidth	Only limited by the magnetometer processor used
Sensor Head	Diameter: 63 mm (2.5”) Length: 160 mm (6.3”) Weight: 1.15 kg (2.6 lb)
Sensor Electronics	Diameter: 63 mm (2.5”) Length: 350 mm (13.8”) Weight: 1.5 kg (3.3 lb)
Cable, Sensor to Sensor Electronics	3 m (9’ 8”), lengths up to 5 m (16’ 4”) available
Operating Temperature	-40°C to +50°C
Humidity	Up to 100%, splash proof
Supply Power	24 to 35 VDC
Supply Current	Approx. 1.5 A at start up, decreasing to 0.5 A at 20°C
Power Up Time	Less than 15 minutes at -30°C

Billingsley TFM100G2 Ultra Miniature Triaxial Fluxgate Magnetometer

Axial Alignment	Orthogonality better than ±1°
Input Voltage Options	15 to 34 VDC @ 30 mA
Field Measurement Range Options	±100 µT = ±10 V
Accuracy	±0.75% of full scale (0.5% typical)
Linearity	±0.015% of full scale
Sensitivity	100 µV/nT
Scale Factor Temperature Shift	0.007% full scale/°C
Noise	≤12 pT rms/√Hz @ 1 Hz
Output Ripple	3 mV peak to peak @ 2^{nd} harmonic
Analog Output at Zero Field	±0.025 V
Zero Shift with Temperature	±0.6 nT/°C
Susceptibility to Perming	±8 nT shift with ± 5 Gs applied
Output Impedance	332 Ω ± 5%
Frequency Response	3 dB @ >500 Hz (to >4 kHz wide band)
Over Load Recovery	±5 Gs slew <2 ms
Random Vibration	>20 G rms 20 Hz to 2 kHz
Temperature Range	-55°C to +85°C
Acceleration	>60 G
Weight	100 g
Size	3.51 cm x 3.23 cm x 8.26 cm
Connector	Chassis mounted 9 pin male "D" type

Nuvia Dynamics IMPAC data recorder system

(for navigation and geophysical data acquisition)

Functions	Integrated Multi-Parameter Airborne Console (IMPAC) with integrated dual Global Positioning System Receiver (GPS) and all necessary navigation guidance software. Inputs for geophysical sensors - portable gamma ray spectrometer GRS-10/AGRS, MMS4/MMS8 Magnetometer, Herz Totem-2A, A/D converter, temperature/humidity probe, barometric pressure probe, and laser/radar altimeter. Output for the multi-parameter PGU (Pilot Guidance Unit)
Display	Monitor display 600 x 800 pixels; customized keypad and operator keyboard. Multi-screen options for real-time viewing of all data inputs, fiducial points, flight line tracking, and GPS channels by operator
Navigation	Pilot/operator navigation guidance. Software supports preplanned survey flight plan, along survey lines, way-points, preplanned drape profile surfaces
Data Sampling	Sensor dependent
Data Synchronization	Synchronized to GPS position. Supports dual GPS
Data File	PEI Binary data format
Storage	80 GB
Software	DataView: Allows fast data verification and conversion of PEI binary data to Geosoft GBN or ASCII formats MAPConv: For survey preparation, calibration and conversion of maps, and survey plot after data acquisition MAGComp: For calculation of magnetic compensation coefficients AGRS/GRS10 Calibration: High voltage adjustment, linearity correction coefficients calculation, and communication test support AGIS: Real time data acquisition and navigation system. Displays chart/spectrum view in real-time for fast data Quality Control (QC)
Electrical	Multiple ethernet connections, RS232 serial ports, USB ports, and 16-bit differential analog input channels. It can support up to 4 magnetometer sensors
Power Requirement	24 VDC

Appendix C

Digital File Descriptions

- Magnetic Database
- Geosoft Grids
- Maps

Magnetic Database:

Abbreviations used in the GDB/XYZ files listed below:

CHANNEL	UNITS	DESCRIPTION
X_WGS84	m	UTM Easting – WGS84 Zone 17N
Y_WGS84	m	UTM Northing – WGS84 Zone 17N
Lat_deg	Decimal degree	Latitude – WGS84
Lon_deg	Decimal degree	Longitude – WGS84
Date	yyyy/mm/dd	Dates of the survey flight(s) – Local
FLT		Flight number(s)
LineNo		Line numbers
STL		Number of satellite(s)
GPSfix		1 = non-differential 2 = WAAS/SBAS differential
Heading	degree	Heading of the aircraft
GPStime	HH:MM:SS	GPS time (UTC)
Geos_m	m	Geoidal separation
XTE_m	m	Cross track error
Galt	m	GPS height – WGS84 Zone 17N (ASL)
Lalt	m	Laser altimeter readings (AGL)
DTM	m	Digital Terrain Model
Sample_Density	m	Horizontal distance in meters between adjacent measurement locations; sample frequency is 20 Hz
Speed_km_hr	km/hr	Ground speed of aircraft in km/hr
basemag	nT	Base station temporal variation data
IGRF	nT	International Geomagnetic Reference Field, IGRF-13
Declin	Decimal degree	Calculated declination of magnetic field
Inclin	Decimal degree	Calculated inclination of magnetic field
Mag1_Head	nT	Mag 1 – Diurnal, lag, and heading corrected
Mag2_Head	nT	Mag 2 – Diurnal, lag, and heading corrected
Mag3_Head	nT	Mag 3 – Diurnal, lag, and heading corrected
Mag4_Head	nT	Mag 4 - Diurnal, lag, and heading corrected
TMI	nT	Total Magnetic Intensity (average of Mag 1 and Mag 2)
RMI	nT	Residual Magnetic Intensity (average of Mag 1 and Mag 2)
ILG	nT/m	In-Line Gradient (Mag 1 and Mag 2)
XLG	nT/m	Cross-Line Gradient (Mag 1 and Mag 2)
VG	nT/m	Vertical Gradient (Mag 3 and Mag 4)
HG	nT/m	Total horizontal gradient (in-line and cross-line)
TMIge	nT	Gradient enhanced Total Magnetic Intensity
RMIge	nT	Gradient enhanced Residual Magnetic Intensity

Grids:

Egan, WGS 84 Datum, Zone 17N, cell size at 25 m

FILE NAME	DESCRIPTION
21145_Egan_DTM_25m.grd	Digital Terrain Model gridded at 25 m cell size
21145_Egan_TMI_25m.grd	Total Magnetic Intensity gridded at 25 m cell size
21145_Egan_RMI_25m.grd	Residual Magnetic Intensity gridded at 25 m cell size
21145_Egan_RTP_25m.grd	Reduced to Magnetic Pole of RMI gridded at 25 m cell size
21145_Egan_ILG_25m.grd	Measured In-Line Gradient (Mag 1 and Mag 2) gridded at 25 m cell size
21145_Egan_XLG_25m.grd	Measured Cross-Line Gradient (Mag 1 and Mag 2) gridded at 25 m cell size
21145_Egan_VG_25m.grd	Measured Vertical Gradient (Mag 3 and Mag 4) gridded at 25 m cell size
21145_Egan_HG_25m.grd	Total Horizontal Gradient (in-line and cross-line) gridded at 25 m cell size
21145_Egan_AS_25m.grd	Analytic Signal (in-line, cross-line, and vertical gradients) gridded at 25 m cell size
21145_Egan_TDR_25m.grd	Tilt Derivative of TMI gridded at 25 m cell size
21145_Egan_1VD_25m.grd	First Vertical Derivative of RTP gridded at 25 m cell size
21145_Egan_TMIge_25m.grd	Gradient enhanced Total Magnetic Intensity (in-line, cross-line, and vertical gradients) gridded at 25 m cell size
21145_Egan_RMIge_25m.grd	Gradient enhanced Residual Magnetic Intensity (in-line, cross-line, and vertical gradients) gridded at 25 m cell size
21145_Egan_RTPge_25m.grd	Gradient enhanced Reduced to Magnetic Pole of RMIge gridded at 25 m cell size

Maps:

Egan, WGS 84 Datum, Zone 17N (jpegs, pdfs, and georeferenced pdf)

Plate Number	Plate Name	FILE NAME	DESCRIPTION
1	FL	21145_Egan_ActualFlightLines	Plotted actual flown flight lines
2	DTM	21145_Egan_DTM_25m	Digital Terrain Model gridded at 25 m cell size
3	TMI_wFL	21145_Egan_TMI_wFL_25m	Total Magnetic Intensity gridded at 25 m cell size with actual flown flight lines
4	TMI	21145_Egan_TMI_25m	Total Magnetic Intensity gridded at 25 m cell size
5	RMI	21145_Egan_RMI_25m	Residual Magnetic Intensity gridded at 25 m cell size
6	RTP	21145_Egan_RTP_25m	Reduced to Magnetic Pole of RMI gridded at 25 m cell size
7	ILG	21145_Egan_ILG_25m	Measured In-Line Gradient gridded at 25 m cell size
8	XLG	21145_Egan_XLG_25m	Measured Cross-Line Gradient gridded at 25 m cell size
9	VG	21145_Egan_VG_25m	Measured Vertical Gradient gridded at 25 m cell size
10	HG	21145_Egan_HG_25m	Total Horizontal Gradient (in-line and cross-line) gridded at 25 m cell size
11	AS	21145_Egan_AS_25m	Analytic Signal (in-line, cross-line, and vertical gradients) gridded at 25 m cell size
12	TDR	21145_Egan_TDR_25m	Tilt Derivative of TMI gridded at 25 m cell size
13	1VD	21145_Egan_1VD_25m	First Vertical Derivative of RTP gridded at 25 m cell size
14	TMIge	21145_Egan_TMIge_25m	Gradient enhanced Total Magnetic Intensity gridded at 25 m cell size
15	RMIge	21145_Egan_RMIge_25m	Gradient enhanced Residual Magnetic Intensity gridded at 25 m cell size
16	RTPge	21145_Egan_RTPge_25m	Gradient enhanced Reduced to Magnetic Pole of RMIge gridded at 25 m cell size

Plates

Egan Survey Block

- Plate 1: Egan – Actual Flight Lines (FL)
- Plate 2: Egan – Digital Terrain Model (DTM)
- Plate 3: Egan – Total Magnetic Intensity with Actual Flight Lines (TMI_wFL)
- Plate 4: Egan – Total Magnetic Intensity (TMI)
- Plate 5: Egan – Residual Magnetic Intensity (RMI)
- Plate 6: Egan – Reduced to Magnetic Pole (RTP)
- Plate 7: Egan – In-Line Gradient (ILG)
- Plate 8: Egan – Cross-Line Gradient (XLG)
- Plate 9: Egan – Vertical Gradient (VG)
- Plate 10: Egan – Horizontal Gradient (HG)
- Plate 11: Egan – Analytic Signal (AS)
- Plate 12: Egan – Tilt Derivative (TDR)
- Plate 13: Egan – First Vertical Derivative (1VD) of RTP
- Plate 14: Egan – Gradient Enhanced Total Magnetic Intensity (TMIge)
- Plate 15: Egan – Gradient Enhanced Residual Magnetic Intensity (RMIge)
- Plate 16: Egan – Gradient Enhanced Reduced to Magnetic Pole (RTPge) of RMIge

2019 - June 2021 Egan Project Cost Sept 2020 - June 2021

2019 Surveys

Survey Type	Company Name	Personnel	Total Costs (no Tax)	InVoice #	Date (d/m/y)	Wages	Housing	Food	Supplies	Transportation	Instrument Rental	Analyses Drawings	Mob-demob	Other/ Shipping	Date(s) from/to	Totals
Grass roots prospecting	Rock N Roll Prospecting Inc	Shelly Moretti,Charles Peever, Randall Salo	$ **14,770.35**	See 2019 Costs sheetet	25-Oct-21	9900			1030.35	1740	900	1200			24 May - 2 Oct 2019	$ 14,770.35
Analytical costs																
40 Soils	Actlabs	A-1 - A-40	$ **640.00**	Invoice A19-09402	29-Jul-19										28Jun2019 to 1Jul2019	$ 640.00
11 Rocks (5) prospecting Egan	Actlabs	67251 -55	$ **90.40**	Invoice A19-09566	29-Jul-19											
10 Rocks	Actlabs	67256 - 67264	$ **158.05**	Invoice A19-10964	04-Sep-19										28Jun2019 to 21Sep2019	
14 Rocks	Actlabs	67266 - 67279	$ **230.30**	Invoice A19-11629	10-Sep-19											
26 Rks (15) prospecting Egan	Actlabs	67280-67291, 67293-67295	$ **266.75**	Invoice A19-12694	18-Sep-19											
25 Rk0s (5) prospecting Egan	Actlabs	67296 - 67300	$ **82.25**	Invoice A19-13006	02-Oct-19											$ 827.75
Total Prospecting																**$ 16,238.10**

2020 Surveys

Survey Type	Company Name	Personnel	Total Costs (no Tax)	InVoice #	Date (d/m/y)	Wages	Housing	Food	Supplies	Transportation	Rentals	Analyses Drawings	Mob-demob	Other/ Shipping	Date(s) from/to	Totals
Prospecting -Soil Sampling	Rock N Roll Prospecting Inc	Shelly Moretti,Charles Peever, Randall Salo	$ **4,431.00**	See Egan Soil Program Costs 2020	25-Oct-21	2400			2260.68	1044					May 22 to June 14 2020	$ 4,431.00
Analytical costs Prospecting Soils																
21 Soils	Actlabs	A-49 - A-69	$ **298.20**	Invoice A20-05535	11-Jun-21											
23 Soils	Actlabs	A-70 - A-92	$ **378.35**	Invoice A20-05996	25-Jun-20											
19 Soils	Actlabs	A-93-A-111	$ **312.55**	Invoice A20-06307	26-Jun-21											$ 989.10
Total Prospecting Soils																**$ 5,420.10**
Prospecting Stripping and trenching	Rock N Roll Prospecting Inc	Shelly Moretti,Charles Peever, Randall Salo	$ **44,525.00**	**See Trenching tally sheet**		23,400			300	4263	15,375		1187		20 April to 10 July 2020	$ 44,525.00
Analytical costs Prospecting trench																
78 Trench rocks	Actlabs	67401-50, 67201-228	$ **1,308.00**	Invoice A20-05036											18 Aug 2020 - 21 Sept 2020	
20 Trench rocks (4 for this project)		67229-232	$ **127.00**	Invoice A20-05337	18-Jun-20											$ 1,435.00
Total Prospecting Stripping and Trench																**$ 45,960.00**

Survey Type	Company Name	Personnel	Total Costs (no Tax)	InVoice #	Date (d/m/y)	Wages	Housing	Food	Supplies	Transportation	Instrument Rental	Analyses Drawings	Mob-demob	Other/ Shipping	Date(s) from/to	Totals
Geological Services:	GeoVector (Sept)	Tara Sagriff	$ **1,950.00**	2020-1934	25-Oct-21	1950									2020/09/02 to 2020/09/24	
CNS fees September CH# 1154, first nations non FT	LaSalle Exploration	Ian Campbell	**454.55**	2020-11-LSX	26/09/20	454.55										
CNS fees September CH# 1154, geology	LaSalle Exploration	Ian Campbell	**568.19**	2020-11-LSX	26/09/20	568.19										
CNS fees October CH# 1167, geology	LaSalle Exploration	Ian Campbell	**500.00**	2020-13LSX	31/10/20	500.00										
CNS fees October CH# 1167, first nations non FT	LaSalle Exploration	Ian Campbell	**500.00**	2020-13LSX	31/10/20	500.00										
CNS fees November Ch 1174, first nations non FT	LaSalle Exploration	Ian Campbell	**500.00**	1254	30/11/20	500.00										
plus Leapfrog software	GeoVector (Oct-Nov)	AS, AF, TS, DS, BM, EM	**$51,470.59**	2020-1936	29-Nov-20	$38,750.00	5524.52	1907.34	86	4492.5	671			39.23	2020/10/01 to 2021/11/23	
	Prospecting	C.Peever	**$1,200.00**		19-Oct-20	$1,200.00										
	Prospecting	S. Moretti	**$2,225.00**		27-Oct-20	$2,225.00										
	Prospecting	Daniel Johannsson	**$450.00**		29-Oct-20	$450.00										
	ESRI Software rental	ArcMap	**$340.00**		01-Jan-21						340					
	GeoVector (Dec)	TS, EM	**$1,200.00**	2021-1961	26-Jan-21	$1,200.00										$ 61,358.33
Analytical costs																
11 Rock - 5312739	ALS Canada	B584301-B584454	$ **571.95**	COA_TM20229563_183572-66153841	09-Oct-20											
46 Rock	ALS Canada	B584455-81 and B584201-219	$ **2,223.24**	COA_TM20243035_183572-66777498	23-Oct-20											
9 Rock -5341710	ALS Canada	B584482-88 and B584220-221	$ **454.38**	COA_TM20246311_183572-66711902	27-Oct-20											$ 3,249.57
Total Geological Survey																**$ 64,607.90**
2021 Surveys																
Survey Type	**Company Name**	**Personnel**	**Total Costs (no Tax)**	**InVoice #**	**Date (d/m/y)**	**Wages**	**Housing**	**Food**	**Supplies**	**Transportation**	**Rentals**	**Analyses Drawings**	**Mob-demob**	**Other/ Shipping**	**Date(s) from/to**	**Totals**
Geological Services:	Esri Canada - year 2021 - CH# 1194		**$340.00**	1256	01-Jan-21					Esri Canada - year 2021 - CH# 1194	340					
	LaSalle Exploration	IC	**$250.00**	1291	29-Jan-21	250								Time distribution January		
	Alan Sexton GeoConsulting	AS	**$1,221.37**	CH-1208	31-Jan-21	1221.37					1221.37	1221.37		Acquisition, CNS		
	Alan Sexton GeoConsulting	AS	**$610.69**	CH-1208	31-Jan-21	610.69					610.69	610.69		Sampling Analysis, CNS		
	Alan Sexton GeoConsulting	AS	**$610.69**	CH-1208	31-Jan-21	610.69					610.69	610.69		Geophysics, CH# 1208		
	Alan Sexton GeoConsulting	AS	**$1,221.37**	CH-1208	31-Jan-21	1221.37					1221.37	1221.37		Geology, CH# 1208		
	GeoVector (Jan)	AF, TS	**$6,000.00**	2021-1975	04-Feb-21	$6,000.00										

Survey Type	Company Name	Personnel	Total Costs (no Tax)	InVoice #	Date (d/m/y)	Wages	Housing	Food	Supplies	Transportation	Instrument Rental	Analyses Drawings	Mob-demob	Other/ Shipping	Date(s) from/to	Totals
	GeoVector (Jan)	AS	**$3,664.12**		31-Jan-21	$3,664.12										
	GeoVector (Feb)	AF, TS	**$2,625.00**	2021-1989	12-Apr-21	$2,625.00										
	GeoVector (Mar)	AF, BM,TS	**$6,775.00**	2021-1997	12-Apr-21	$6,775.00										
	GeoVector (Apr)	AF, BM,TS	**$4,350.00**	2021-2010		$4,350.00	$233.34	$42.60		$441.10						
	GeoVector (May)	AF, BM, EM, SC, TS	**$51,363.35**	2021-2020	04/06/21	$36,312.50		1409.3	3022.51	2902.55	$2,135.00			$3.00		
	GeoVector (May)	AS 30% of invoice	**$3,925.81**	2021-263	31/05/21	$3,000.00		925.81	55.98						2021/05/01 to 2021/05/31	
	GeoVector (Jun)	AF, BM, EM, SC, TS	**$39,804.06**	2021-2028	20-Jul-21	$26,587.50	$6,500.00	172.65	707.78	5168.38	663.5			4.25		$122,761.46
Geochemical Surveys																
Analytical costs	ALS Canada	59	$ **2,871.47**	5553842	19-Jun-21	TM21126446										
141 samples sent	ALS Canada	75	$ **3,605.58**	5570720	05-Jul-21	TM21149238										
	ALS Canada	7	$ **365.87**	5560035	27-Jun-21	TM21141065										$ 6,842.92
Total 2021 mapping																**$ 129,660.36**
Lidar Survey	LSI		**$27,670.91**													
Lidar Interpretation	Tim Chadwick		**$600.00**													**$ 28,270.91**
Geophysics Survey	Precision		$ **57,856.00**	2157	08-Jun-21											
Airborne Mag Interp	Al Sexton		$ **700.00**													**$ 58,556.00**
Report Writing	GeoVector	AF, TS, TC, AS	$ **9,000.00**	2021-10-5											Sept-Oct 21	**$ 9,000.00**
Total																**$ 357,713.00**

Egan Prospecting Program 2019 - Cost Chart							
Prospecting day	**Sampl #**	**Assay cost**	**Personnel Cost /sample/day**	**Milage Cost /sample/day**	**Report Cost (Applied $)**	**Bike Cost (Applied $)**	**Total Cost**
June 28 2019	A-1 to A-9	144	750	174	25.53	0	1006.53
June 29 2019	A-10 to A-21	192	750	174	25.53	0	1141.53
June 30 2019	A-22 to A- 34	208	750	174	25.53	0	1157.53
July 1 2019	A-35 to A-40	96	750	174	25.53	0	1045.53
August 18 2019	67256	16.45	225	29	25.53	25	320.98
August 18 2019	67257	16.45	225	29	25.53	25	320.98
August 18 2019	67258	16.45	225	29	25.53	25	320.98
August 18 2019	67259	16.45	225	29	25.53	25	320.98
August 18 2019	67260	16.45	225	29	25.53	25	320.98
August 18 2019	67261	16.45	225	29	25.53	25	320.98
August 19 2019	67262	16.45	250	58	25.53	50	399.98
August 19 2019	67263	16.45	250	58	25.53	50	399.98
August 19 2019	67264	26.45	250	58	25.53	50	409.98
August 25 2019	67266	16.45	135	17.4	25.53	15	209.38
August 25 2019	67267	16.45	135	17.4	25.53	15	209.38
August 25 2019	67268	16.45	135	17.4	25.53	15	209.38
August 25 2019	67269	16.45	135	17.4	25.53	15	209.38
August 25 2019	67270	16.45	135	17.4	25.53	15	209.38
August 25 2019	67271	16.45	135	17.4	25.53	15	209.38
August 25 2019	67272	16.45	135	17.4	25.53	15	209.38
August 25 2019	67273	16.45	135	17.4	25.53	15	209.38
August 25 2019	67274	16.45	135	17.4	25.53	15	209.38
August 25 2019	67275	16.45	135	17.4	25.53	15	209.38
September 2 2019	67276	16.45	337.5	43.5	25.53	37.5	460.48
September 2 2019	67277	16.45	337.5	43.5	25.53	37.5	460.48
September 2 2019	67278	16.45	337.5	43.5	25.53	37.5	460.48
September 2 2019	67279	16.45	337.5	43.5	25.53	37.5	460.48
September 16 2019	67280	26.45	90	11.6	25.53	10	163.58
September 16 2019	67281	16.45	90	11.6	25.53	10	153.58
September 16 2019	67282	16.45	90	11.6	25.53	10	153.58
September 16 2019	67283	16.45	90	11.6	25.53	10	153.58
September 16 2019	67284	26.45	90	11.6	25.53	10	163.58
September 16 2019	67285	16.45	90	11.6	25.53	10	153.58
September 16 2019	67286	16.45	90	11.6	25.53	10	153.58
September 16 2019	67287	16.45	90	11.6	25.53	10	153.58
September 16 2019	67288	16.45	90	11.6	25.53	10	153.58
September 16 2019	67289	16.45	90	11.6	25.53	10	153.58
September 16 2019	67290	16.45	90	11.6	25.53	10	153.58
September 16 2019	67291	16.45	90	11.6	25.53	10	153.58
September 16 2019	67293	16.45	90	11.6	25.53	10	153.58
September 16 2019	67294	16.45	90	11.6	25.53	10	153.58
September 16 2019	67295	16.45	90	11.6	25.53	10	153.58
September 21 2019	67296	16.45	150	34.8	25.53	30	256.78
September 21 2019	67297	16.45	150	34.8	25.53	30	256.78
September 21 2019	67298	16.45	150	34.8	25.53	30	256.78
September 21 2019	67299	16.45	150	34.8	25.56	30	256.81
September 21 2019	67300	16.45	150	34.8	25.59	30	256.84
	TOTAL	**1,377.35**	**9,900.00**	**1,740.00**	**1,200.00**	**900.00**	**15,030.35**

Mileage calculated @ $0.50/km
report cost: 4 days @ $300.00/day
Bike cost/day $150.00

Prospecting daily allocation rate

Shelly Moretti = 350.00
Charles Peever = 400.00
Randall Salo = 600.00

Gas Receipts 2019 Prospecting

Name	Date	HST	full amount	Less Hst
Crevier	24-May-19	15.14	131.6	116.46
Crevier	06-Jun-19	12.89	112	99.11
Crevier	26-Jun-19	12.2	106	93.8
Dubiens	12-Jul-19		111.89	111.89
Crevier	23-Jul-19	13.73	119.3	105.57
Crevier	18-Aug-19	9.57	83.2	73.63
Crevier	29-Aug-19	10.76	93.5	82.74
Crevier	10-Sep-19	9.66	84	74.34
Dubiens	15-Sep-19		90.5	90.5
Crevier	20-Sep-19	4.95	43	38.05
Crevier	22-Sep-19	2.88	25	22.12
Crevier	25-Sep-19	6.33	55	48.67
Crevier	02-Oct-19	10.13	83.6	73.47
Total				**1030.35**

Gas Receipts 2020 Prospecting

Name	Date	HST	full amount	Less Hst	Page
Gaetan Verreault Fue	07-May-20	8.07	70.17	62.1	1
Crevier	11-May-20	6.19	58	51.81	1
Gaetan Verreault Fue	13-May-20	5.75	50	44.25	1
Crevier	30-Apr-20	11.74	102	90.26	2
Crevier	30-Apr-20	22.25	193.45	171.2	2
Emily	27-Apr-20	12.89	112.01	99.12	2
Dubiens	25-Apr-20	7	65	58	2
Dubiens	26-Apr-20	11.8	102.57	90.77	2
Dubiens	01-May-20	3	29.5	26.5	2
Gaetan Verreault Fue	23-Apr-21	11.2	97.37	86.17	3
Gaetan Verreault Fue	14-Apr-21	5.75	50	44.25	3
Crevier	22-Apr-20	16.82	146.25	129.43	3
Gaetan Verreault Fue	26-Apr-20	9.67	84	74.33	3
Crevier	17-Apr-20	14.15	122.96	108.81	4
Crevier	17-Apr-20	7.25	63	55.75	4
Crevier	10-Apr-20	9.12	79.25	70.13	4
Petro-Canada	04-May-20	10.71	93.08	82.37	4
Crevier	03-Jun-20	6.56	57	50.44	5
Crevier	28-May-20	20.48	178	157.52	5
Dubiens	05-May-20	3.33	31.55	28.22	6
Crevier	04-May-20	5.41	47	41.59	6
Crevier	04-May-20	8.76	76.1	67.34	6
Crevier	15-May-20	2.65	23	20.35	6
Crevier	23-May-20	30.4	264.2	233.8	7
Crevier	23-May-20	5.75	50	44.25	7
Crevier	09-May-20	26.13	218.4	192.27	7
Gaetan Verreault Fue	21-May-20	10.35	90	79.65	7
Total				**2260.68**	

Egan Prospecting Program 2019-Assay Certificate Chart			
Assay Certificate #	**Sample #**	**Invoice #**	**Cost**
A 19-09402	A-1 - A-40	A 19-09402	640
A19-09566	67251 -55	A19-09566	90.4
A 19-10964	67256 - 67264	A 19-10964	158.05
A 19-11629	67266 - 67279	A 19-11629	230.3
A 19-12694	67280 -67291 67293-67295	A 19-12694	266.75
A 19- 13006	67296 - 67300	A 19 13006	82.25
Total			**1,467.75**

Note: hst removed

Prospecting Costs - Egan Soil Sampling 2020

Soil Sample Date	Sample Number	Charlie Peever wage	Travel Truck (km)	Shelly Moretti wage	Travel Truck(km)	Sample Cost	Total Costs
May 22 2020	A-49-A-69	$400.00	174	$400.00	174	$329.00	
June 5 2020	A-70-A-92	$400.00	174	$400.00	174	$361.90	
June 14 2020	A-93-A-111	$400.00	174	$400.00	174	$296.10	
Totals		**$1,200.00**	**522**	**$1,200.00**	**522**	**$987.00**	**$4,431.00**

Egan 2020 Stripping/Trenching Costs Tally Sheet

Randall Salo			Shelly Moretti			Charlie Peever			Equipment						
Date	Work Type	Travel Truck (km)	Date	Work Type	Travel Truck (km)	Date	Work Type	Travel Truck (km)	ATV Rental	Water Pump Rental	Excavator Cost	Excavator Mobe/demobe	Consumables	Assay Cost	
20-Apr-20	Supervision/sampling	174	20-Apr-20	Washing	174	20-Apr-20	Washing	174		75	1500				
21-Apr-20	Supervision/sampling	174	21-Apr-20	Washing	174	21-Apr-20	Washing	174		75	1500				
24-Apr-20	Supervision/sampling	174	24-Apr-20	Washing	174	24-Apr-20	Washing	174		75					
25-Apr-20	Supervision/sampling	174	25-Apr-20	Washing	174	25-Apr-20	Washing	174	150	75					
26-Apr-20	Supervision/sampling	174	26-Apr-20	Washing	174	26-Apr-20	Washing	174	150	75					
27-Apr-20	Supervision/sampling	174	27-Apr-20	Washing	174	27-Apr-20	Washing	174	150	75	1350				
28-Apr-20	Supervision/sampling	174	28-Apr-20	Washing	174	28-Apr-20	Washing	174	150	75	1200				
04-May-20	Supervision/sampling	174	04-May-20	Washing	174	04-May-20	Washing	174	150	75	1350				
05-May-20	Supervision/sampling	174	05-May-20	Washing	174	05-May-20	Washing	174	150	75					
06-May-20	Supervision/sampling	174	06-May-20	Washing	174	06-May-20	Washing	174	150	75					
12-May-20	Supervision/sampling	174	12-May-20	Washing	174	12-May-20	Washing	174	150	75	900				
26-May-20	Supervision/mapping	174	26-May-20	Washing	174	26-May-20	Washing	174	150	75	1500				
29-Jun-20											1050				
02-Jul-20	Supervision/mapping	174	02-Jul-20	Washing	174	02-Jul-20	Washing	174	150	75	900				
03-Jul-20	Supervision/mapping	174	03-Jul-20	Washing	174	03-Jul-20	Washing	174	150	75	1200				
04-Jul-20	Supervision/mapping	174	04-Jul-20	Washing	174	04-Jul-20	Washing	174	150	75					
07-Jul-20	Mapping	174													
08-Jul-20	Mapping	174													
09-Jul-20	Mapping	174													
10-Jul-20	Mapping	174													
Total		3,306			2,610			2,610				1,187	water pump gas	1,372	**Total**
Total ($)	**11,400**	**1,653**		**6,000**	**1,305**		**6,000**	**1,305**	**1,800**	**1,125**	**12,450**	**1,187**	**300**	**1,372**	**45,897**

Randall Salo: $600/day
Shelly Moretti: $400/day
Charlie Peever: 400/day

No car pooling (174km round trip from Porcupine x $0.50/km)
HST Not Included

Egan Oct-Nov 2020 Expenses

Date	Project	Invoice	Item	Meals/ Food	Housing	Truck Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Tax	Total
October 04, 2020	Egan	2020-1936	Gas (Alan)						$62.16		$62.16	$8.08	$70.24
October 04, 2021	Egan	2020-1936	Groceries (Alan)	56.96							$56.96	$1.10	$58.06
October 05, 2020	Egan	2020-1936	Carabelle (Timmins) Inc. - Accomodation for Adam		386.55						$386.55	$50.25	$436.80
October 05, 2020	Egan	2020-1936	Carabelle (Timmins) Inc. - Accomodation for Alan/Brent (Adam)		386.55						$386.55	$50.25	$436.80
October 05, 2020	Egan	2020-1936	Gas (Alan)						$50.32		$50.32	$6.54	$56.86
October 06, 2020	Egan	2020-1936	Groceries (Alan)	109.27							$109.27	$4.95	$114.22
October 06, 2020	Egan	2020-1936	Groceries (Alan)	80.6							$80.60	$2.97	$83.57
October 06, 2020	Egan	2020-1936	Three meals (Alan)	24.37							$24.37	$3.17	$27.54
October 07, 2020	Egan	2020-1936	Francescos Pizza - Meal for Alan/Brent/Adam (Adam)	23.23							$23.23	$3.02	$26.25
October 09, 2020	Egan	2020-1936	Gas (Alan)						$75.51		$75.51	$9.82	$85.33
October 10, 2020	Egan	2020-1936	Gas (Alan)						$29.74		$29.74	$3.87	$33.61
October 10, 2020	Egan	2020-1936	Truck rental, October 3 to October 10 (40% of attached invoice) (Adam)			843.66					$843.66	$38.36	$882.02
October 13, 2020	Egan	2020-1936	Gas (Brent)						$73.82		$73.82	$9.60	$83.42
October 13, 2020	Egan	2020-1936	Groceries (Brent)	145.37							$145.37	$8.59	$153.96
October 13, 2020	Egan	2020-1936	Two meals (Brent)	12.92							$12.92	$1.68	$14.60
October 13, 2020	Egan	2020-1936	Two meals (Brent)	28.65							$28.65	$3.72	$32.37
October 14, 2020	Egan	2020-1936	Two meals (Brent)	26.27							$26.27	$0.00	$26.27
October 14, 2020	Egan	2020-1936	Two meals (Brent)	16.68							$16.68	$2.18	$18.86
October 15, 2020	Egan	2020-1936	Gas (Brent)						$64.10		$64.10	$8.39	$72.49
October 15, 2020	Egan	2020-1936	Groceries (Brent)	25.98							$25.98	$0.00	$25.98
October 15, 2020	Egan	2020-1936	Two meals (Brent)	15.38							$15.38	$2.00	$17.38
October 16, 2020	Egan	2020-1936	Two meals (Brent)	49.61							$49.61	$7.44	$57.05
October 16, 2020	Egan	2020-1936	Two meals (Brent)	14.19							$14.19	$1.84	$16.03
October 17, 2020	Egan	2020-1936	Two meals (Brent)	16.78							$16.78	$2.18	$18.96
October 17, 2020	Egan	2020-1936	Two meals (Brent)	25							$25.00	$3.25	$28.25
October 18, 2020	Egan	2020-1936	Gas (Brent)						$67.77		$67.77	$8.81	$76.58
October 18, 2020	Egan	2020-1936	Two meals (Brent)	23.61							$23.61	$1.90	$25.51
October 19, 2020	Egan	2020-1936	Two meals (Brent)	54.62							$54.62	$6.08	$60.70
October 19, 2020	Egan	2020-1936	Two meals (Brent)	16.78							$16.78	$2.18	$18.96
October 20, 2010	Egan	2020-1936	Two meals (Brent)	17.68							$17.68	$2.30	$19.98
October 20, 2020	Egan	2020-1936	Home hardware					19.98			$19.98	$2.60	$22.58
October 20, 2020	Egan	2020-1936	Two meals (Brent)	77.1							$77.10	$8.58	$85.68
October 21, 2020	Egan	2020-1936	Four meals (Alan)	137.98							$137.98	$15.34	$153.32
October 21, 2020	Egan	2020-1936	Gas (Alan)						$52.64		$52.64	$6.84	$59.48

Date	Project	Invoice	Item	Meals/ Food	Housing	Truck Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Tax	Total
October 21, 2020	Egan	2020-1936	Gas (Brent)						$57.80		$57.80	$7.51	$65.31
October 21, 2020	Egan	2020-1936	Two meals (Alan)	11.1							$11.10	$1.45	$12.55
October 21, 2020	Egan	2020-1936	Two meals (Brent)	19.07							$19.07	$0.75	$19.82
October 22, 2020	Egan	2020-1936	Four meals (Alan)	21.46							$21.46	$2.79	$24.25
October 22, 2020	Egan	2020-1936	Four meals (Alan)	178.06							$178.06	$19.79	$197.85
October 23, 2020	Egan	2020-1936	Four meals (Alan)	66.95							$66.95	$7.66	$74.61
October 23, 2020	Egan	2020-1936	Groceries (Brent)	76.14							$76.14	$7.15	$83.29
October 23, 2020	Egan	2020-1936	Pick of the Crop - Meals for two (Adam)	54.7							$54.70	$6.02	$60.72
October 23, 2020	Egan	2020-1936	Tim Hortons - Meal for two (Adam)	13.8							$13.80	$1.79	$15.59
October 23, 2020	Egan	2020-1936	Two meals (Alan)	21.96							$21.96	$2.85	$24.81
October 24, 2020	Egan	2020-1936	Four meals (Alan)	39.72							$39.72	$5.93	$45.65
October 25, 2020	Egan	2020-1936	Four meals (Alan)	169.51							$169.51	$18.84	$188.35
October 25, 2020	Egan	2020-1936	Gas (Brent)						$17.98		$17.98	$2.09	$20.07
October 25, 2020	Egan	2020-1936	Gas (Brent)						$76.00		$76.00	$0.00	$76.00
October 25, 2020	Egan	2020-1936	Rental of 1 x Trimble GeoXH Survey Quality GPS for the period of October 23-25 (4 days x 25/day).				75				$75.00	$0.00	$75.00
October 25, 2020	Egan	2020-1936	Rental of Argo and trailer for October 23 to 26			1311.9					$1,311.90	$170.55	$1,482.45
October 25, 2020	Egan	2020-1936	Two meals (Brent)	9.27							$9.27	$1.21	$10.48
October 26, 2020	Egan	2020-1936	Canadian Tire - Gas (Adam)						$51.29		$51.29	$6.67	$57.96
October 26, 2020	Egan	2020-1936	Canadian Tire - Logging supplies (Adam)					66.02			$66.02	$8.58	$74.60
October 26, 2020	Egan	2020-1936	Four meals (Alan)	204.59							$204.59	$22.75	$227.34
October 26, 2020	Egan	2020-1936	Gas (Alan)						$56.89		$56.89	$7.39	$64.28
October 26, 2020	Egan	2020-1936	Tim Hortons - Meal for four (Adam)	21.98							$21.98	$2.86	$24.84
October 27, 2020	Egan	2020-1936	Comfort Inn Timmins (CN308) - Al and Adam stay Oct 21-27		795.54						$795.54	$103.43	$898.97
October 27, 2020	Egan	2020-1936	Comfort Inn Timmins (CN308) - Brent stay Oct 13-28		2050.74						$2,050.74	$266.62	$2,317.36
October 27, 2020	Egan	2020-1936	Comfort Inn Timmins (CN308) - Emily stay Oct 13-27		1905.14						$1,905.14	$247.72	$2,152.86
October 27, 2020	Egan	2020-1936	Gas (Alan)						$33.22		$33.22	$4.32	$37.54
October 27, 2020	Egan	2020-1936	Gas (Brent)						$46.44		$46.44	$6.04	$52.48
October 27, 2020	Egan	2020-1936	truck rental, October 13-27 (15 days x 50/day)			750					$750.00	$0.00	$750.00
October 28, 2020	Egan	2020-1936	Couche-Tard - Gas (Adam)						$27.74		$27.74	$3.61	$31.35
October 28, 2020	Egan	2020-1936	Enterprise - SUV rental (Adam)			743.52					$743.52	$96.66	$840.18
October 28, 2020	Egan	2020-1936	Shipping Mag Susc units from Ottawa to Richmond Hill							$39.23	$39.23	$5.10	$44.33
October 29, 2020	Egan	2020-1936	Rental of 2 x Mag Susc from TerraPlus for the period of October 10 to October 29.				596				$596.00	$77.48	$673.48
Totals				**1907.34**	**5524.52**	**3649.08**	**671**	**86**	**$843.42**	**$39.23**	**$12,720.59**		**$14,124.08**

April 2021 Expenses - Egan

Date	Project	Invoice	Item	Meals/ Food	Accomodations	Vehicle Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Tax	Total
April 15, 2021	Egan	2021-2010	Enterprise - Truck Rental			$393.87					$393.87		$445.07
April 15, 2022	Egan	2021-2010	Hampton room 607		$233.34						$233.34		$274.10
April 13, 2023	Egan	2021-2010	Gas						$47.23		$47.23		$47.59
April 12, 2024	Egan	2021-2010	food pick of the crop	$42.60							$42.60		$48.14
Totals											**$717.04**		

Month	Date	Day	Comments
May	1	Sat	Week-end
	2	Sun	Week-end
	3	Mon	Exploration update press release. Egan geology targets, Radisson logistics and Selbaie LiDAR.
	4	Tue	Exploration update press release. Egan geology targets, Radisson logistics and 2021 IP/Mag Report.
	5	Wed	Egan geology targets, Radisson logistics and 2021 IP/Mag Report. Radisson IP/Mag invoices.
	6	Thr	Zoom with Francois (Harfang, Ian and I. Radisson Logistics. Egan logistics.
	7	Fri	Egan geology targets, Radisson logistics and EM targets with Roman. Selbaie LiDAR.
	8	Sat	Week-end
	9	Sun	Week-end
	10	Mon	Egan press release on E3 and logistics. Radisson emails calls on KM 507 camp and drill logistics.
	11	Tue	Egan logistics. Radisson emails calls on KM 507 camp and drill logistics.
	12	Wed	Radisson drill targets reviwed with Ian and logistics.
	13	Thr	MD&A for Q1, 2021. Radisson calls and emails with Tawich, drillers and Galaxy comms and other logistics.
	14	Fri	Radisson drill permit, water permit, assessment report and Fred's report. Egan press release on E3.
	15	Sat	Week-end
	16	Sun	Week-end
	17	Mon	Radisson drill permit, water permit, assessment report and Fred's report. Egan field update.
	18	Tue	Zoom call with Ian and FTQ Fund. Radisson drill permit, water permit, assessment report and Fred's report. Egan field update.
	19	Wed	Radisson calls and emails with Tawich, drillers and Galaxy comms and other logistics.
	20	Thr	Radisson logistics and Harfang press release on winter drilling. Calls and emails with Robert Laviolette on his Egan showings.
	21	Fri	Radisson logistics, Egan logistcs. Intervewed Gabriel Murray.
	22	Sat	Week-end
	23	Sun	Week-end
	24	Mon	Fred Breaks report for Radisson.
	25	Tue	Radisson letters to Cree and assessment report reviewed. Meeting with Tim C. on Egan work to date.
	26	Wed	Radisson assessment report reviewed and logistcs. Meeting with Ian and team to go over Egan work to date.
	27	Thr	Radisson calls and emails with drillers ad other logistcs. Meeting with Ian and tim on Egan geology..
	28	Fri	Radisson logistcs and Fred Breaks report. Egan geology and LiDAR.
	29	Sat	Week-end
	30	Sun	Week-end
	31	Mon	Radisson logistics, Egan logistcs and geology.

Breakdown		
Projects FT	Selbaie	5
	Blakelock	4
	Radisson	63
	Egan	32
	Project Ge	0
Corporate		0.00
		99.000

Project work F/T

Project	Activity		Days
Egan	Acquisition		0.00
	Surveying		0.00
	Geochemistry		0.00
	Geophysics		4.000
	Geology		8.000
	Drilling		0.00
	Supervision	Planning	8.00
		Budget	0.000
		Total	**20.000**
Blakelock	Acquisition		0.00
	Surveying		0.00
	Geochemistry		0.00
	Geophysics		2.000
	Geology		0.000
	Drilling		0.00
	Supervision	Planning	2.000
		Budget	0.00
		Total	**4.000**
Radisson	Acquisition		0.00
	Surveying		0.00
	Geochemistry		0.00
	Geophysics		8.00
	Geology		20.00
	Drilling		0.00
	Supervision	Planning	18.00
		Budget	0.00
		Total	**46.00**
Project Generation	Acquisition		0.00
	Surveying		0.00
	Geochemistry		0.00
	Geophysics		0.00
	Geology		0.00
	Drilling		0.00
	Supervision	Planning	0.00
		Budget	0.00
		Total	**0.00**
Selbaie	Acquisition		0.00
	Surveying		0.00
	Geochemistry		0.00
	Geophysics		2.00
	Geology		0.00
	Drilling		0.00
	Supervision	Planning	3.00
		Budget	0.00
		Total	**5.00**

May 2021 Expenses

Person	Date	Project	Invoice	Category	Item	Meals/ Food	Housing	Truck Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Gst	Total
AF	5-May-21	Egan	2021-2020	Supplies	**Staples -** Ink (printer going to Egan)					$154.87			$154.87	$20.13	$175.00
AF	6-May-21	Egan	2021-2020	Supplies	**Home Depot -** Zip ties (Egan sampling)					$126.66			$126.66	$16.47	$143.13
BM	11-May-21	Egan	2021-2020	Gas	Canadian tire gas						$69.21		$69.21	$9.00	$78.21
BM	11-May-21	Egan	2021-2020	Meals/Food	A&W	$22.33							$22.33	$2.89	$25.22
BM	11-May-21	Egan	2021-2020	Meals/Food	Independent food	$52.14							$52.14	$0.60	$52.74
BM	16-May-21	Egan	2021-2020	Meals/Food	Dubien's food	$21.00							$21.00	$0.00	$21.00
BM	20-May-21	Egan	2021-2020	Meals/Food	watershed food	$21.72							$21.72	$1.27	$22.99
BM	20-May-21	Egan	2021-2020	shipping	Timmins landfill garbage disposal							$3.00	$3.00	$0.00	$3.00
BM	27-May-21	Egan	2021-2020	Gas	BERTHIAUME GAS						$92.26		$92.26	$11.99	$104.25
BM	27-May-21	Egan	2021-2020	Gas	Petro-Canada gas						$44.25		$44.25	$5.75	$50.00
BM	27-May-21	Egan	2021-2020	Meals/Food	Independent food	$81.25							$81.25	$1.65	$82.90
EM	11-May-21	Egan	2021-2020	Supplies	6 cans bear spray, 1 proprane tank from Alberts Sports					$369.93			$369.93	$48.09	$418.02
EM	15-May-21	Egan	2021-2020	Meals/Food	Ice/Food Dubien's General Store	$17.21							$17.21	$0.00	$17.21
EM	28-May-21	Egan	2021-2020	Gas	Fuel: Dubiens General Store						$36.21		$36.21	$0.00	$36.21
EM	28-May-21	Egan	2021-2020	Meals/Food	Dinner for Emily, Ian, Brent from The Urban Barn	$59.06							$59.06	$0.01	$59.07
EM	28-May-21	Egan	2021-2020	Meals/Food	Food/Supplies Independent Timmins	$19.57							$19.57	$1.76	$21.33
EM	28-May-21	Egan	2021-2020	Supplies	Canadian Tire: Supplies for Camp, Home Goods/cleaning					$38.16			$38.16	$4.96	$43.12
EM	29-May-21	Egan	2021-2020	Gas	Gas for Field Truck						$54.30		$54.30	$7.05	$61.35
EM	29-May-21	Egan	2021-2020	Meals/Food	Food Freshmart Matheson	$142.47							$142.47	$1.12	$143.59
IS	17-May-21	Egan	2021-2020	Meals/Food	Subway; Airport Lunch (50%)	$5.00							$5.00	$0.25	$5.25
IS	25-May-21	Egan	2021-2020	Gas	Shell: Gas to ottawa (50%)						$21.48		$21.48	$2.79	$24.27
IS	26-May-21	Egan	2021-2020	Gas	Shell; Gas to ottawa (50%)						$20.26		$20.26	$2.64	$22.90
IS	26-May-21	Egan	2021-2020	Supplies	Princess auto; Egan field supplies					$193.94			$193.94	$25.22	$219.16
IS	27-May-21	Egan	2021-2020	Supplies	Staples; Egan Ink					$42.29			$42.29	$5.50	$47.79
IS	28-May-21	Egan	2021-2020	Equip Rental	Brownlee's Equipment; UTV and Trailer Rental (50% Egan)				1700				$1,700.00	$221.00	$1,921.00
IS	28-May-21	Egan	2021-2020	Gas	Corner Gas; Diesel						$26.01		$26.01	$3.38	$29.39
IS	28-May-21	Egan	2021-2020	Gas	Gagne's Red and White; Gas and propane						$221.28		$221.28	$28.78	$250.06
IS	28-May-21	Egan	2021-2020	Meals/Food	Subway; Travel Food	$9.99							$9.99	$1.30	$11.29
IS	28-May-21	Egan	2021-2020	Supplies	Brownlee's Equipment; Straps					$70.00			$70.00	$9.10	$79.10
SC	6-May-21	Egan	2021-2020	Supplies	Best Buy- CyberPower Battery					$199.99			$199.99	$26.00	$225.99
SC	11-May-21	Egan	2021-2020	Gas	Esso- Gas						$70.80		$70.80	$9.20	$80.00
SC	11-May-21	Egan	2021-2020	Gas	Esso- Gas						$43.99		$43.99	$5.72	$49.71
SC	11-May-21	Egan	2021-2020	Meals/Food	Quesada- Food	$14.10							$14.10	$0.00	$14.10
SC	17-May-21	Egan	2021-2020	Meals/Food	Freshmart- Groceries	$54.27							$54.27	$5.98	$60.25
SC	19-May-21	Egan	2021-2020	Gas	Esso- Gas						$29.70		$29.70	$3.87	$33.57
SC	19-May-21	Egan	2021-2020	Meals/Food	Dubiens General Store- Groceries	$3.00							$3.00	$0.00	$3.00
SC	19-May-21	Egan	2021-2020	Meals/Food	Dubiens General Store- Groceries	$8.10							$8.10	$0.00	$8.10
SC	19-May-21	Egan	2021-2020	Meals/Food	Freshmart- Groceries	$36.80							$36.80	$0.00	$36.80

Person	Date	Project	Invoice	Category	Item	Meals/ Food	Housing	Truck Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Gst	Total
SC	21-May-21	Egan	2021-2020	Gas	Petro Canada- Gas						$31.00		$31.00	$4.03	$35.03
SC	21-May-21	Egan	2021-2020	Meals/Food	Tim Hortons- Food	$5.38							$5.38	$0.70	$6.08
SC	21-May-21	Egan	2021-2020	Gas	Petro Canada- Car Wash						$14.99		$14.99	$1.95	$16.94
SC	21-May-21	Egan	2021-2020	Gas	Petro Canada- Gas						$47.35		$47.35	$6.16	$53.51
SC	21-May-21	Egan	2021-2020	Truck Rental	Personal Car Rental There & Back at $50/day			$100.00					$100.00	$13.00	$113.00
TC	6-May-21	Egan	2021-2020	Supplies	Canadian Tire - 12V electric cooler for transporting frozen meat in vehicles					159.99			159.99	20.8	180.79
TC	9-May-21	Egan	2021-2020	Truck Rental	Enterprise car rental - Egan fieldwork (May 10 - 20). Alan confirmed to expense this rental amount for the use of my personal SUV to transport my canoe to Egan for fieldwork use			880.59					880.59	114.48	995.07
TC	10-May-21	Egan	2021-2020	Equip Rental	MRC Systems - 1 month rental of 6 radios for Egan				435				435	56.55	491.55
TC	10-May-21	Egan	2021-2020	Gas	Husky - Gas drive to Kitchner & Ottawa						56.64		56.64	7.29	63.93
TC	10-May-21	Egan	2021-2020	Gas	OnRoute - Gas drive to Kitchner & Ottawa						56.06		56.06	7.35	63.41
TC	10-May-21	Egan	2021-2020	Meals/Food	A&W - Meal	11.54							11.54	1.5	13.04
TC	10-May-21	Egan	2021-2020	Meals/Food	A&W - Meal	8.07							8.07	1.06	9.13
TC	11-May-21	Egan	2021-2020	Gas	Esso - Gas to Egan						42.07		42.07	5.47	47.54
TC	11-May-21	Egan	2021-2020	Meals/Food	Esso - Meal	24.78							24.78	3.22	28
TC	11-May-21	Egan	2021-2020	Meals/Food	Quesada - Meal	14.27							14.27	1.86	16.13
TC	11-May-21	Egan	2021-2020	Supplies	Walmart - supplies for Egan camp					309.8			309.8	20.44	330.24
TC	13-May-21	Egan	2021-2020	Meals/Food	Freshmart - Groceris for Egan Camp	114.25							114.25	1.69	115.94
TC	14-May-21	Egan	2021-2020	Gas	Dubiens - Gas for truck						87.61		87.61	11.39	99
TC	17-May-21	Egan	2021-2020	Gas	Esso - Gas for truck						96.95		96.95	12.61	109.56
TC	20-May-21	Egan	2021-2020	Gas	Esso - gas						32.9		32.9	4.27	37.17
TC	20-May-21	Egan	2021-2020	Gas	Esso - Gas & clenaing supplies						73.89		73.89	6.68	80.57
TC	20-May-21	Egan	2021-2020	Meals/Food	Sobeys - Meal	19.1							19.1	2.49	21.59
TC	20-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	8.65							8.65	1.12	9.77
TC	25-May-21	Egan	2021-2020	Gas	Husky - Diesel for rental						86.81		86.81	11.29	98.1
TC	25-May-21	Egan	2021-2020	Meals/Food	Subway - meal	10.67							10.67	1.39	12.06
TC	25-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	6.28							6.28	0.82	7.1
TC	26-May-21	Egan	2021-2020	Meals/Food	Farmboy - Groceries for time at office	68.86							68.86	1.97	70.83
TC	26-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	6.28							6.28	0.82	7.1
TC	27-May-21	Egan	2021-2020	Meals/Food	Subway - meal	12.48							12.48	1.62	14.1
TC	27-May-21	Egan	2021-2020	Supplies	Canadian Tire - BBQ, bbq cookware, mini fridge, tow hitch					709.93			709.93	92.29	802.22
TC	28-May-21	Egan	2021-2020	Meals/Food	Subway - meal (x2)	21.37							21.37	2.78	24.15
TC	28-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	6.28							6.28	0.82	7.1
TC	28-May-21	Egan	2021-2020	Supplies	Staples - 2x whitebaords, dry erase pens					67.37			67.37	8.76	76.13
TC	29-May-21	Egan	2021-2020	Meals/Food	Subway - meal (x2)	18.77							18.77	2.44	21.21
TC	29-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	8.04							8.04	1.05	9.09
TC	29-May-21	Egan	2021-2020	Supplies	Canadian Tire - UTV winch					179.99			179.99	23.4	203.39

Person	Date	Project	Invoice	Category	Item	Meals/ Food	Housing	Truck Rental	Equip Rental	Supplies	Gas	Shipping	Subtotal	Gst	Total
TC	29-May-21	Egan	2021-2020	Supplies	Princess Auto - Winch mount and straps, mounting hardware, diesel cans, hitch pins					229.85			229.85	29.89	259.74
TC	30-May-21	Egan	2021-2020	Gas	Esso - Diesel for UTV						132.74		132.74	17.26	150
TC	30-May-21	Egan	2021-2020	Gas	Husky - Egan camp supplies						61.47		61.47	5.5	66.97
TC	30-May-21	Egan	2021-2020	Gas	Petro Canada - Diesel						126.9		126.9	16.49	143.39
TC	30-May-21	Egan	2021-2020	Meals/Food	McDonalds - Meal	11.88							11.88	1.54	13.42
TC	30-May-21	Egan	2021-2020	Meals/Food	Quesada - Meal	26.77							26.77	3.48	30.25
TC	30-May-21	Egan	2021-2020	Meals/Food	Tim Hortons - Meal	6.35							6.35	0.83	7.18
TC	31-May-21	Egan	2021-2020	Gas	Esso - Gas						47.2		47.2	6.14	53.34
TC	31-May-21	Egan	2021-2020	Gas	Esso - Gas						5.86		5.86	0.76	6.62
TC	31-May-21	Egan	2021-2020	Meals/Food	Don's - Meal for Egan Camp	65.73							65.73	8.54	74.27
TC	31-May-21	Egan	2021-2020	Meals/Food	Independent - Groceries for Egan Camp	182.56							182.56	1.82	184.38
TC	31-May-21	Egan	2021-2020	Supplies	Guiho Saw Sales - Bar oil, 2-stroke mix					$35.65			$35.65	$4.63	$40.28
TC	1-Jun-21	Egan		Gas	Pioneer - Diesel						68.65		08/03/00	8.92	77.57
TC	1-Jun-21	Egan		Supplies	Home Hardware - 6" nails and tools for UTV bridge (stored at Egan)					25/04/00			25/04/00	15.19	132.02
TC	3-Jun-21	Egan		Meals/Food	Pick of the crop - Grocceries for Egan Camp	146.4							25/05/00	2.57	148.97
TC	3-Jun-21	Egan		Meals/Food	Tim Hortons - Meal	6.35							06/01/00	0.83	7.18
TC	3-Jun-21	Egan		Supplies	Dubiens - supplies					17/01/00			17/01/00	2.24	19.5
TC	6-Jun-21	Egan		Gas	MacEwen - diesel						123.12		02/05/00	14.69	137.81
TC	6-Jun-21	Egan		Meals/Food	Sobeys - Meal	23.2							23/01/00	2.59	25.79
TC	6-Jun-21	Egan		Meals/Food	Tim Hortons - Meal	6.98							06/01/00	0.91	7.89
Totals						**1409.3**	**0**	**980.59**	**2135**	**3022.51**	**1921.96**	**3**	**$9,472.36**		$10,556.21

520000 525000 530000 535000

5365000 5360000 5355000

BOND TWP

CURRIE TWP

BOWMAN TWP

SHERATON TWP

EGAN TWP

TIMMINS TWP

Driftwood River

Sheraton Lake

Driftwood River

Arrow Lake

Warner Lake

McEnaney Lake

Radisson Creek

Dalton Lake

Davis Lake

N

1st Filing
Rpt#:4248
Transaction ID:75360
Pending Distribution:
Event ID: 1301050
Transaction ID:75369

2nd Filing
Rpt#:4258
Transaction ID:75446
Pending Distribution:
Event ID:1302058
Transaction ID:75457

3rd Filing
Rpt#:4274
Transaction ID:75641
Pending Distribution:
Event ID:1302862
Transaction ID:75650

4th Filing
Rpt#:4298
Transaction ID:75730
Pending Distribution:
Event ID 1304337
Transaction ID:75753

Filing Blocks

Egan 64 Claims in Pending Distributions

1st Filing

Southwest 87 claims

2nd Filing

Northeast 115 claims

3rd Filing

Southeast 107 Claims

4th Filing Block

Northwest 83 Claims

Egan Claims

Egan boundary

Township

Roads

Primary

Secondary

Tertiary

Lake

Wetland

Rivers

1:50,000

0 1 2 Km

NAD83/UTM Zone 17N

LaSalle EXPLORATION