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Prospecting Report
on the
Lavender Lake Project
Kenora, ON

Kenora Mining Division
UTM NAD83 15U 416833E 5497667N

Work conducted from
October 12, 2020, to August 12, 2021

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Report Completed: August 12, 2022

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1.0 EXECUTIVE SUMMARY

This report was prepared to summarize exploration work performed by Troy Gallik and James Macdonald on the Lavender Lake property during the years of 2020-2021. Expenditures of **\$74,991.64** are being submitted for assessment credit, incurred for approximately 15 field days. All work was supervised by Troy Gallik (P. Geo).

2.0 INTRODUCTION

The report summarizes exploration work performed by Troy Gallik and James Macdonald on the Lavender Lake property in from the years 2020 to 2021. Expenditures of \$37,495.82 occurred over the time of the assessment report. All expenditures are out off pocket of Troy Gallik and James Macdonald which qualifies for the additional double assessment work credit for a combined total of **\$74,991.64** being submitted for assessment credit. These expenditures incurred for approximately 15 days of prospecting and lithochemical sampling of outcrops and boulders between the dates of October 12, 2020 and August 23, 2021. The claims were accessed by truck and the work was conducted by foot. A total of 67 lithochemical samples were collected within four claims cells (Table 1).

Table 1: Total expenses allocated

Claims	Samples Taken	Percentage of Samples	Expenses Allocated	Double Assessment Work Credit
612386	3	4%	\$ 1,678.92	\$ 3,357.83
612387	5	7%	\$ 2,798.20	\$ 5,596.39
612388	3	4%	\$ 1,678.92	\$ 3,357.83
612389	4	6%	\$ 2,238.56	\$ 4,477.11
612390	6	9%	\$ 3,357.83	\$ 6,715.67
612392	11	16%	\$ 6,156.03	\$ 12,312.06
612393	7	10%	\$ 3,917.47	\$ 7,834.95
612768	10	15%	\$ 5,596.39	\$ 11,192.78
612772	16	24%	\$ 8,954.23	\$ 17,908.45
623379	1	1%	\$ 559.64	\$ 1,119.28
635729	1	1%	\$ 559.64	\$ 1,119.28

3.0 LOCATION, ACCESS, AND PHYSIOGRAPHY

The Witch Bay property claims are located in Le May Township Code Township of the Kenora Mining District (Figure 2). Access to the properties is via the Witch Bay Road, which is in turn accessed from the Trans-Canada Highway (#71), a number of well-worn gravel roads, and along Highway 71. Pogson (1999) reported an access trail to the Pogson Trenches that is accessible via snowmobile in the winter and by foot in the summer.

The claims are located in lightly to moderately forested terrain, with common swamps and boggy areas. The topography can be described as moderately hilly with about 50 m of elevation change.

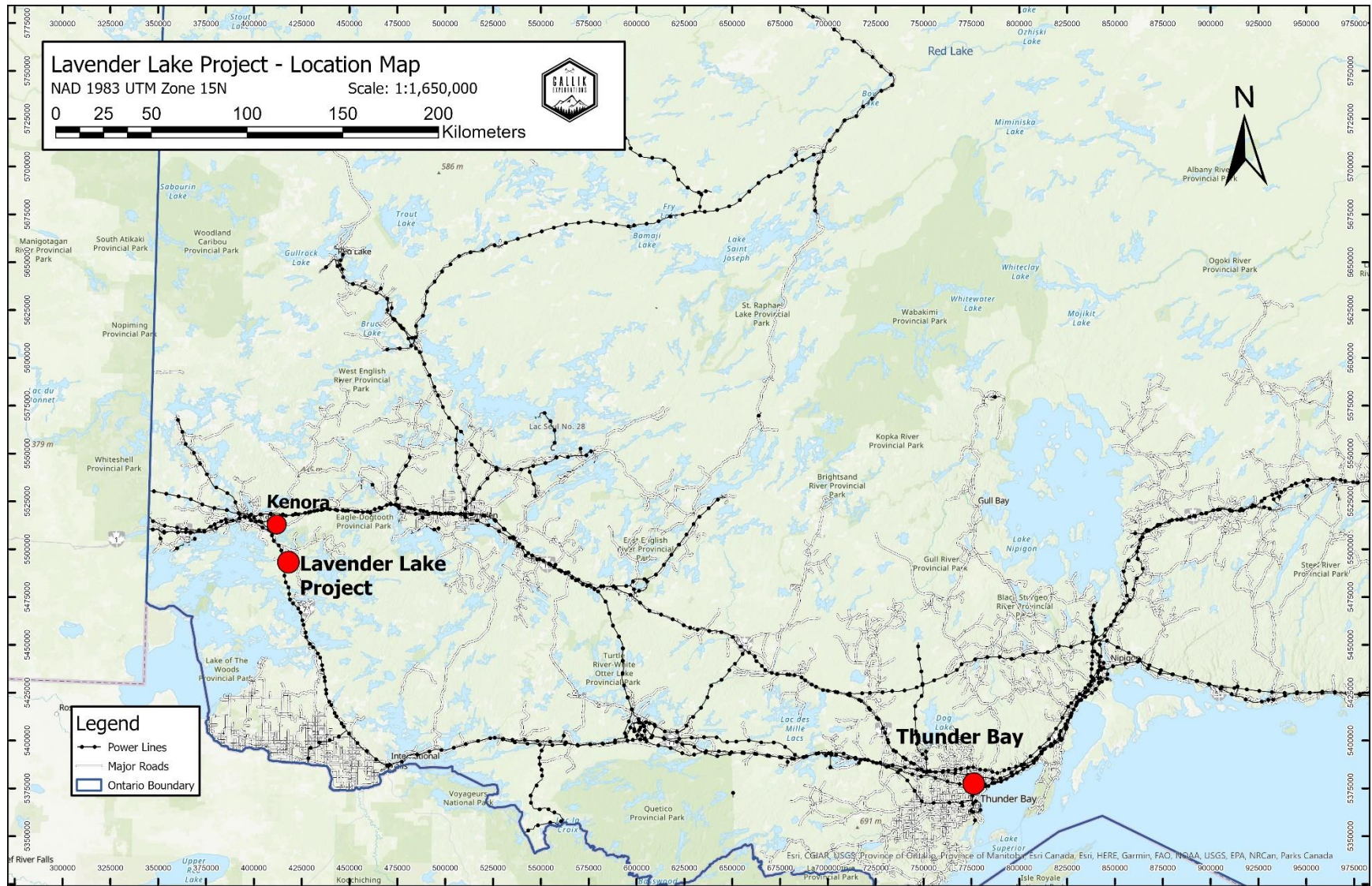


Figure 1: McKenzie Project Location. Red circles highlight local towns and property location.

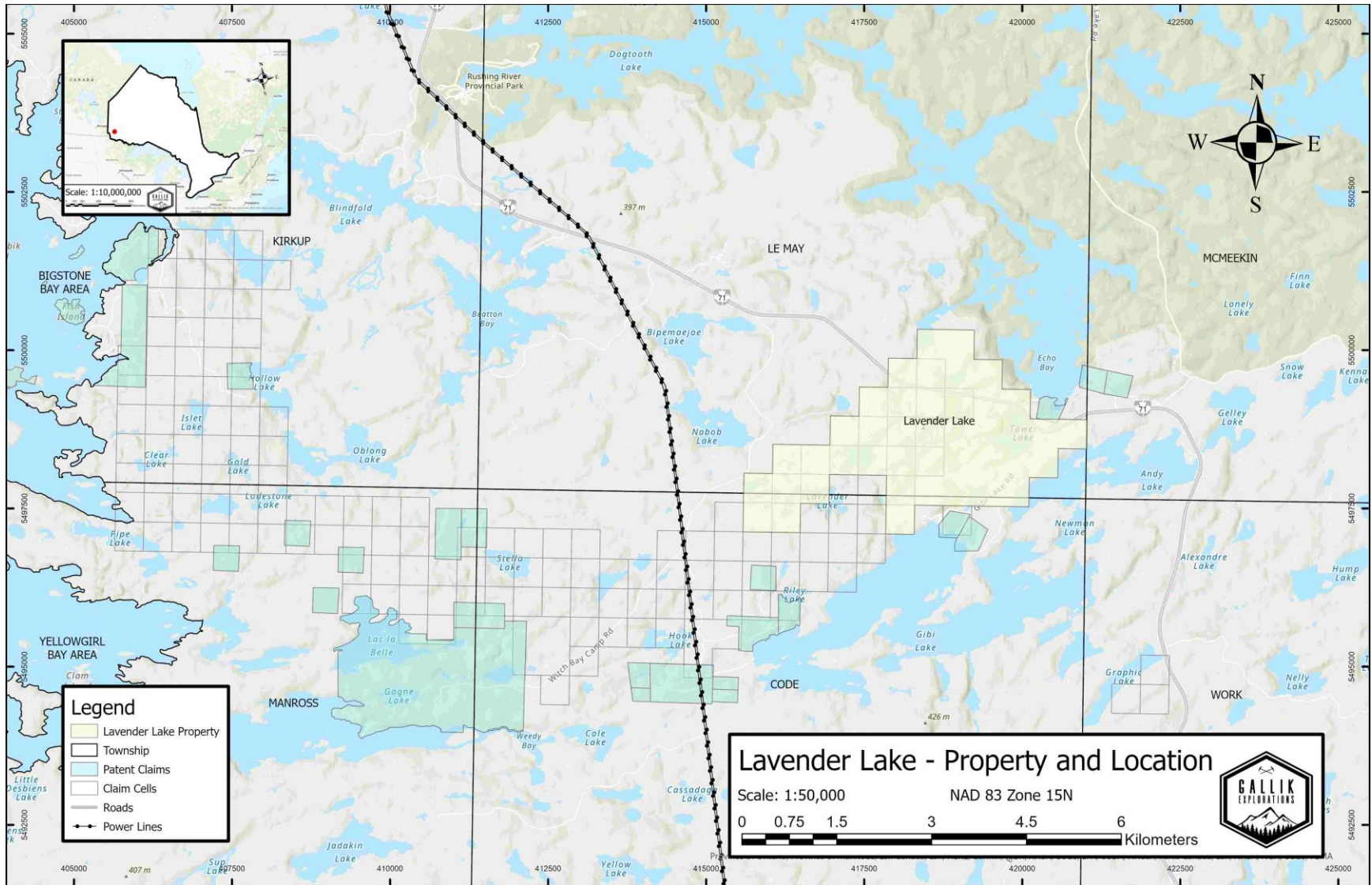


Figure 2: McKenzie Project Location Map with claim cells

4.0 CLAIMS AND OWNERSHIP

In August 2020, Troy Gallik and James Macdonald staked 24 single cell and 1 multiple cell claims, known as the Lavender Lake Property, located in the Kenora Mining district. The total property is comprised of 24 single cell mining claims and 1 multiple cell mining claim for a total area of ~880 hectares (Figure 3). For a complete list of the mining claims see Table 2 below.

Table 2: Mining claims included in the Lavender Lake property

Claim Number	Registration Date	Anniversary Date	Tenure Status	Mining Claim Type	Holder	Township
612387	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
635728	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612390	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612769	2020-09-16	2022-09-16	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612389	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612392	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
622026	2020-12-03	2022-12-03	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
635724	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612771	2020-09-16	2022-09-16	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
635729	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612394	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612386	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612768	2020-09-16	2022-09-16	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612391	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612395	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612385	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May

635726	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612388	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612393	2020-09-11	2022-09-11	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
635727	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
635725	2021-02-08	2023-02-08	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612772	2020-09-16	2022-09-16	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
623379	2020-12-10	2022-12-10	Active	Multi-cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May
612770	2020-09-16	2022-09-16	Active	Single Cell Mining Claim	(50) TROY ALBERT GALLIK, (50) James Alan Macdonald	Le May

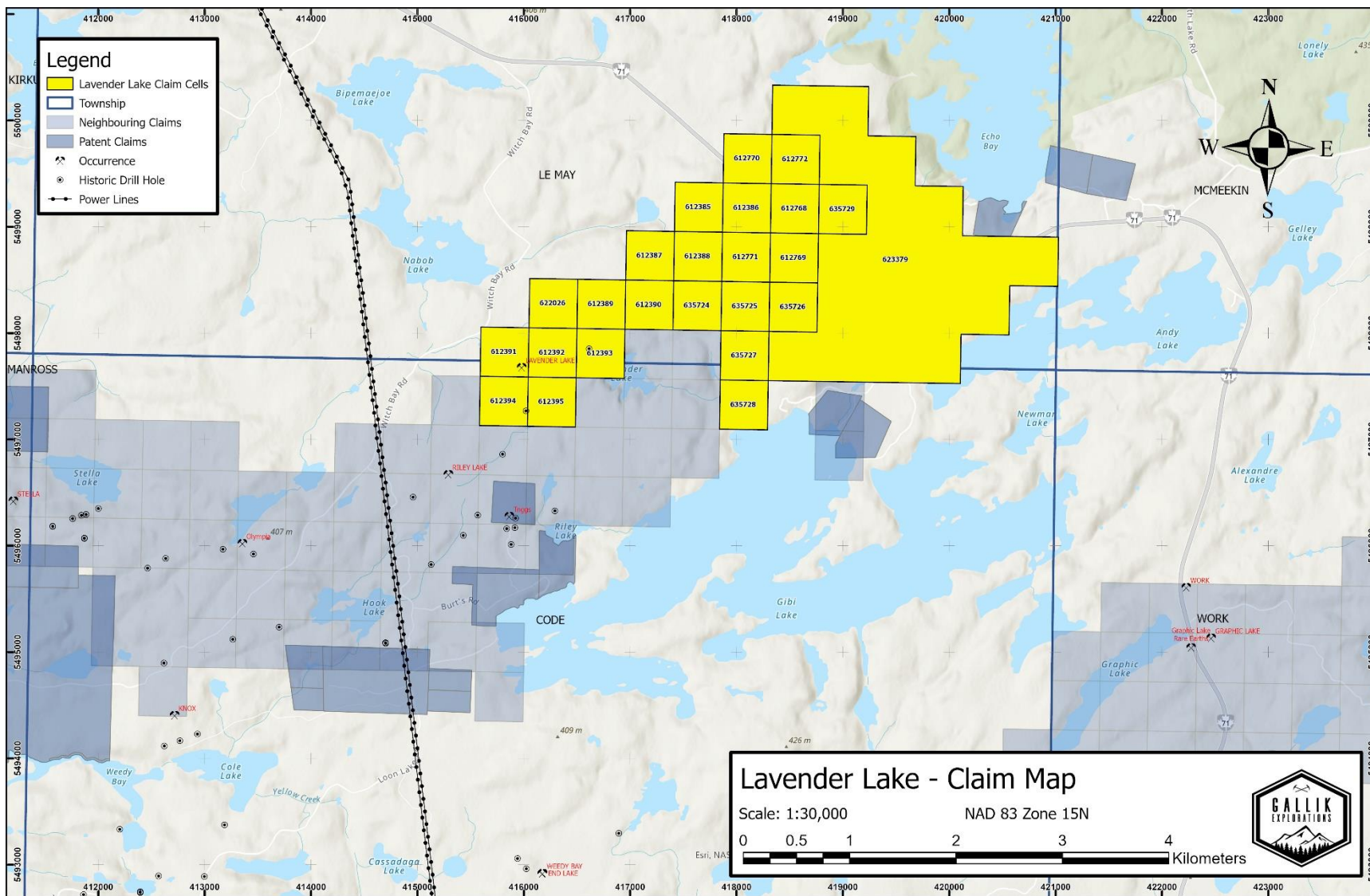


Figure 3 Lavender Lake Property claim cells with location of prospecting

5.0 HISTORICAL EXPLORATION

Abundant historic mineral exploration work has been conducted in the area surrounding the Lavender Lake claim blocks since the 1930s, including the extraction of Au, Cu and Ag from several past-producing mines. The ground covered by the Lavender Lake claim block has seen relatively little exploration efforts compared to the surrounding areas and the assessment reports that are included in the current set of claims are summarized in Table 3. A full list of the referenced reports is provided in the Reference section and these reports are accessible via the OGS Open Assessment File Database.

Table 3: Previous exploration work assessed on the Lavender Lake Property

Claimholder	Year(s)	Description of Work	Area/Target
Dome Exploration Limited	1972	Airborne magnetometer	Witch Bay area (centred on Triggs Mine)
Dome Exploration Limited	1973	Electromagnetic and magnetometer survey	Witch Bay area (centred on Triggs Mine)
Dome Exploration Limited	1974	Diamond Drilling	Witch Bay area (centred on Triggs Mine)
Gordon Pogson	1991, 1992	Bedrock trenching, chip sampling	Pogson Trenches
Gordon Pogson	1999	Bedrock trenching	Pogson Trenches
Gordon Pogson	2000, 2002	Geological field review by consultant	Pogson Trenches
Nuinsco Resources Limited	2010	Line-cutting, Magnetometer, VLF-EM, IP survey, channel sampling, prospecting	Triggs Mine
John Burt,	2012	Prospecting	Triggs Mine, Stella, Trans Line, “Dougs Vein”, Mystery Shaft, Beck, Jess Zone
David Raymond Healy	2012, 2013	Prospecting	Witch Bay, Triggs Mine

6.0 REGIONAL GEOLOGY

The Witch Bay area comprises the eastern part of the Lake of the Woods volcanic-sedimentary Belt within the western part of the Wabigoon Subprovince. The following is excerpted from OFR5629, Trowell 1986

Supracrustal rocks in the area consist of east to east-northeast trending volcanics and sediments. Most volcanics range in composition from mafic to intermediate. Felsic volcanics are uncommon. The mafic volcanics are flows and crystal and lithic-crystal tuff with the felsic to intermediate volcanics represent as pyroclastics (which are rare other than in the area south of Gibi Lake). The sediments consist of sandstone, mudstone, uncommon conglomerate and chert, and magnetite ironstone. Ultramafic and mafic intrusions as sills have intruded the volcanic stratigraphy. Tight isoclinal folding occurred about east-to northeast-trending north-easterly plunging fold axes. These early folds were deformed and reoriented by intrusion of granitoid plutons within and bordering the greenstone assemblages. Major shearing occurred along east to east-northeast-trending zones - Gibi Lake Shear Zone. Diabase dikes intruded along north northwest trending fractures. Late northeast to north-northeast-trending fractures are common. Diabase dikes are displaced by these fractures and in places pseudotachylites are developed along the fractures. The volcanics, sediments and mafic to ultramafic intrusions have been metamorphosed to upper greenschist to lower almandine amphibolite rank. Retrograde morphism has occurred, primarily along shear zones. Quartz-tourmaline and tourmaline veins and masses have extensively intruded the volcanic and ultramafic to mafic intrusions and to a lesser extent the sediments.

7.0 PROPERTY GEOLOGY

The property is dominated by successive mafic flows and tuffs. Locally glomeroporphyritic mafic flows with white-weathering subhedral feldspar up to 5-6mm in cross section are present representing 10 - 15% of the rock volume. Flow top breccias are generally less than 2m in thickness and exhibit varying degrees of flattening. Rare arkosic sediments are in associated with flow top breccias. Pale pink aphanitic felsic dykes cross cut all units with their distribution implying a link to the Dogtooth Lake Intrusion. Metre-scale quartz-feldspar porphyry dykes are present throughout the property typically in or adjacent to shear zones. Fresh surfaces of the porphyry's appear waxy in appearance reflecting abundant sericite and 2-3mm round quartz and fairly euhedral feldspar crystals averaging 10-15% of the intrusive.

Gabbro-peridotite sills intrude the volcanic sequence and are a deep green colour and range from fine to medium-grained in appearance. Although the groundmass appears to contain a significant proportion of hydrous mafic silicates, implying the rocks were affected by regional metamorphism, only a very weak foliation is generally evident except near the margins of most gabbroic bodies.

Numerous sub-metre foliation parallel shears cut the mafics with 5-10 m scale shears occurring along the mafic volcanic gabbro-peridotite sill contact. Breaks in the airborne magnetic fabric suggest the wider shears are linked to the Gibi Lake Shear Zone possibly as second order splays. Boudinage quartz and quartz-carbonate veins accompany the shear zones. The quartz veins are mostly milky white with rusty orange patches, and a common saccharoidal texture also occurs in places. The rusty veins are mineralized with pyrite and chalcopyrite +/- bornite. The veins are oriented roughly northeast-southwest and occur subparallel to one another. There are numerous generations of veins. The auriferous vein set has yet to be identified from the general population of veins.

Mineralization:

Two types of mineralization are present within the property and both styles are along trend with one another along a structural corridor that transects the central portion of the property:

1. **F-35 Shear Zone:** highly-strained mafic to ultramafic rocks hosting Au-bearing quartz veins
2. **Pogson Trenches:** chalcopyrite, pyrite, pyrrhotite and sphalerite mineralized mafic to ultramafic intrusive rocks

F-35 Shear Zone:

The F-35 Shear Zone (F-35) is likely a secondary splay from the regional E-W trending Gibi Lake Shear Zone. This zone is poorly exposed, commonly trending through topographical lows, such as swamps or lakes and best exposed on a Highway 71 road cut. This roadside cut includes alternating lenses of intrusive and extrusive mafic to ultramafic volcanic rocks that have been subject to upper greenschist to lower amphibolite-facies metamorphic conditions (Trowell et al., 1987). Rare felsic intrusions intrude this stratigraphy. Local fissile zones (up to 2m wide) are strongly altered and weathered so that the protolith is no longer discernible but elevated Cr, Ni and Mg abundances returned in the geochemistry suggest they are derived from ultramafic rocks (Appendix XX). The F-35 shear may represent an extension of notable shears found at the historical Wendigo Mine and the Witch Bay Mine. Sulphide mineralization here includes chalcopyrite, pyrite and local pyrrhotite and is typically associated with quartz veining, as described above.

No previous exploration work is assessed in this area and the F-35 likely wasn't thoroughly sampled until the Authors in 2020.

Pogson Trenches:

The Pogson Trenches consist of 4 significant sulphide bearing gabbroic trenches within 400m strike length including the largest trench being ~15 metres in width. These trenches host significant Cu, Ag, with lesser Au, Ni, Co, Pd, Pt mineralization, including the largest trench consistency averaging ~1% Cu over 15 metres width. Regional aerial magnetic surveys illustrate

magnetic highs correlating with the sulphide bearing gabbroic trench's and provide evidence of these units continuing throughout the property (>2.5km).

Mineralization exposed by G. Pogson in trenches consists of chalcopyrite, pyrrhotite and minor pyrite. Chalcopyrite is the dominant sulphide mineral, occurring as massive fracture fillings and as a filling within 1 cm wide tension fractures related to the minor shears. However, mineralization in some of the trenches occurs as patches of net-textured sulphides and as sulphide blebs, strongly suggesting an initial magmatic component to the concentration process. Small patches of massive pyrrhotite a likely linked to elevated nickel values.

Historical assays here returned up to 1.49% Cu, 343 ppm Ni, 42 ppm Co, less than 10 ppb Pd and 0.002 ounce/ton Au. One diamond drillhole targeted these trenches (55-8; Dome Exploration Limited, 1974), but the drill log reports no rocks consistent with those seen at surface.

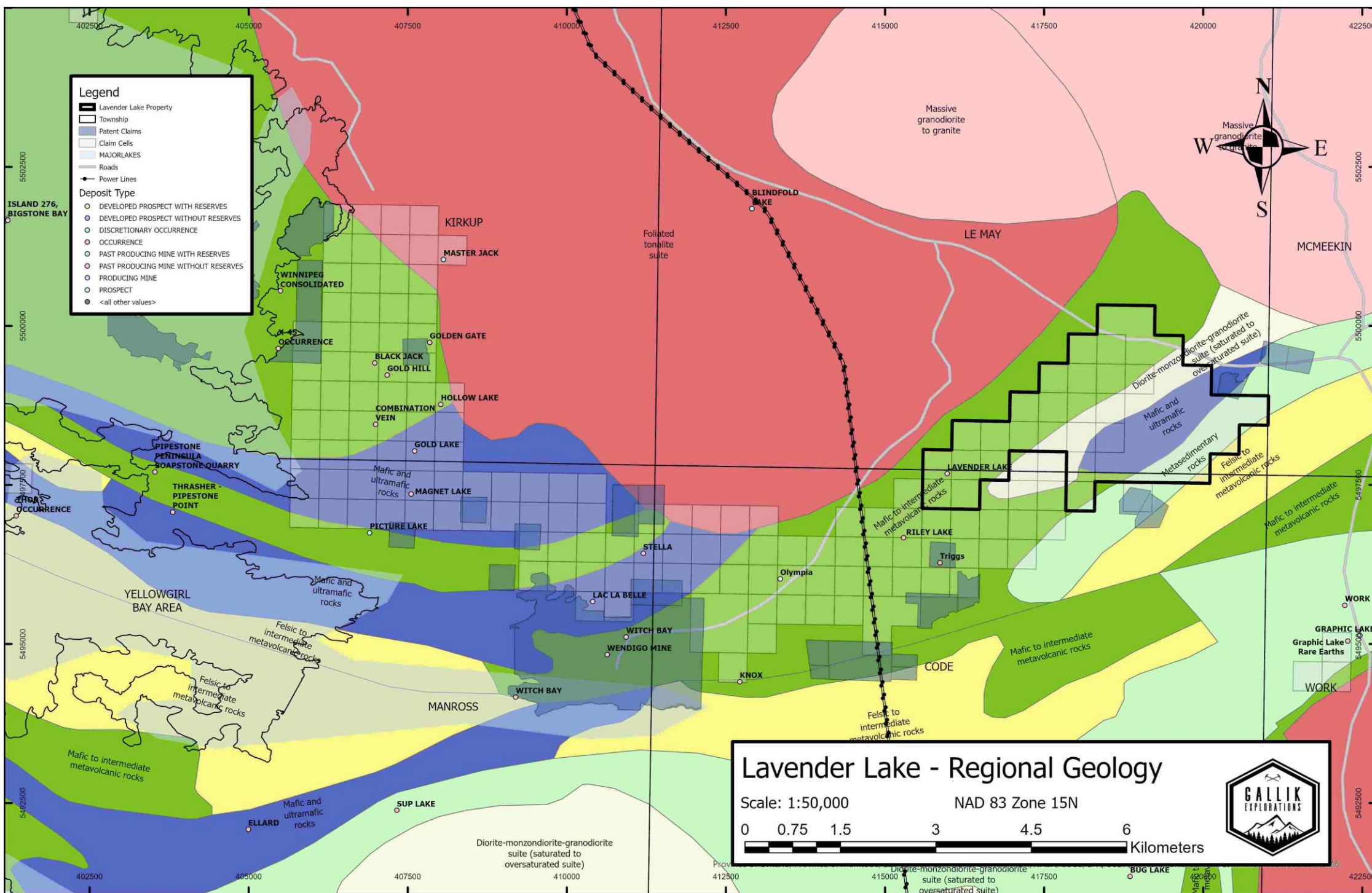


Figure 4: Generalized geology of the Gibi Lake area with the locations of historical showing and claims as of October 21, 2021.

8.0 EXPLORATION WORK PERFORMED

The current work reports grass-roots prospecting that included 67 samples being collected over two calendar years, beginning October 12, 2020 and concluding on August 23, 2021. Samples were collected from various lithologies that showed signs of hydrothermal alteration and sulphide mineralization. Locations were recorded with a handheld GPS and marked in the field with flagging tape and, sometimes, a sample tag with corresponding sample number. Samples were then placed in plastic bags and sealed with either flagging tape or zip-ties and dropped off at ActLabs facility in Thunder Bay by Troy Gallik. All samples were analyzed for gold and 36 major elements using ICP. Selected samples were also analysed with an auxiliary package for Pt-group elements. A complete table of the returned results is included in Appendix XX.

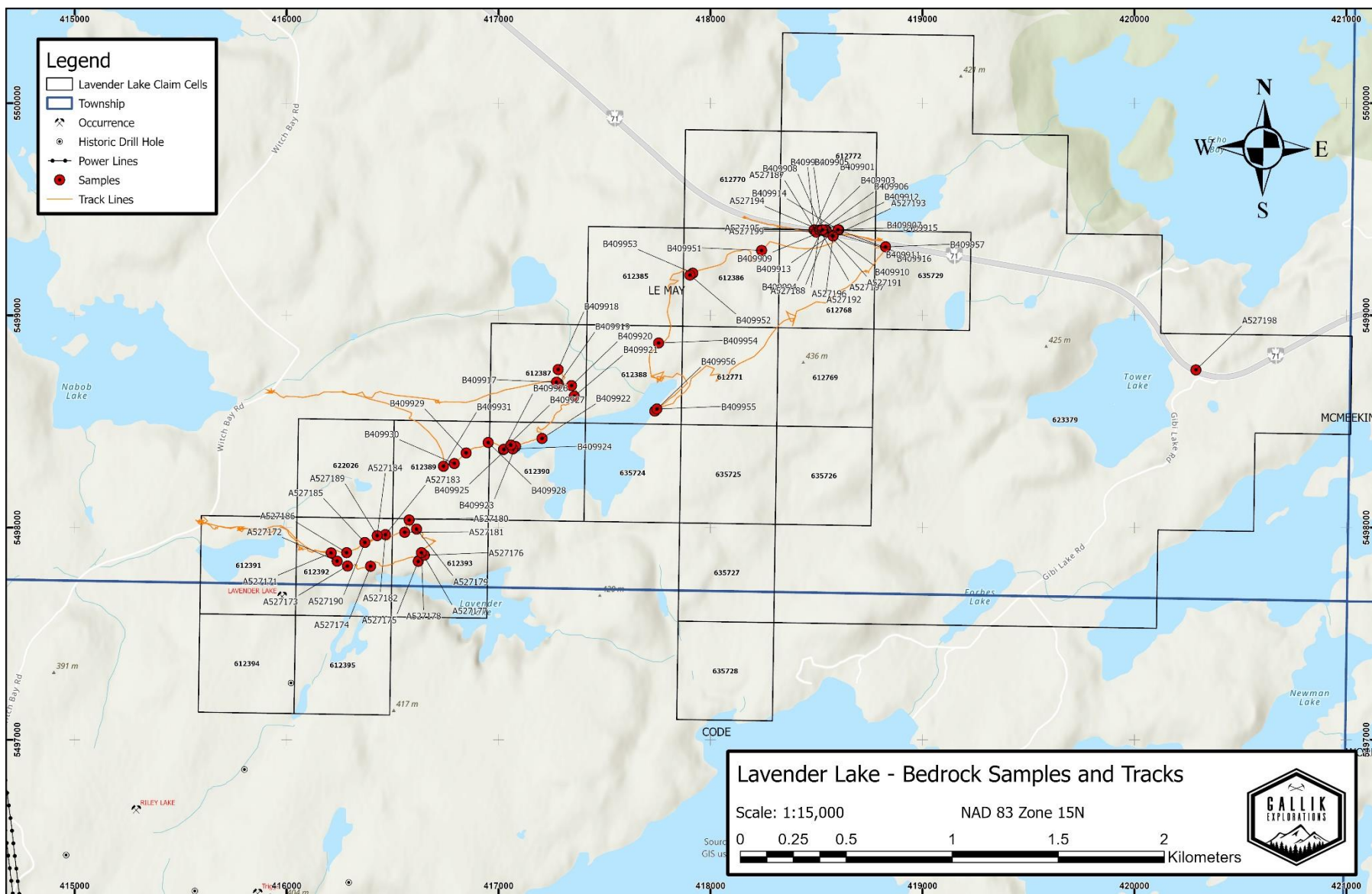


Figure 5: Tracks of James Macdonald and Troy Gallik

9.0 RESULTS

The grab samples reported here confirm both pre-existing and newly discovered mineralization. Au and Cu values are consistently elevated along the structural corridor that trends parallel to the metamorphic fabric of the property and suggestive of a mineralized system larger than has been historically interpreted. Table 4 summarizes the locations, descriptions and results from the reported samples and Figures 6 and 7 show the distribution of Au and Cu results.

Previously unreported elevated gold values, up to 11.1 g/t Au (Sample A527188), were sampled from a gossanous region of highly strained rocks along a roadside cut on Highway 71, here dubbed the F-35 Shear Zone. This sample was collected from a mafic rock hosting concordant quartz-stringers (3-5 cm wide) that contain pyrite and are mantled by a thin halo of hydrothermal chlorite.

Consistently elevated Cu values, up to 1.32%; (Sample 527184) are accompanied by elevated Ni, Ag and Au (up to 939 ppm, 5.5 g/t and 119 ppb, respectively) in the samples collected from the Pogson trenches. The Cu values reported here are consistent with those previously reported (Pogson, 1992) however Ni abundances reported here (939 ppm) are higher than those in the historic reports (343 ppm). Zinc abundances are also elevated and along trend with the Riley Lake Zn occurrence.

Table 4: Prospecting Results; all located with the Le May Township

Sample	Easting	Northing	Assay Date	Sampler	Comments	Au (ppb)	Township
A527171	416210	5497881	2020-10-12	JM,TG	Rusty basalt float, carb-stringers, fissile, ~0.5m	5	Le May
A527172	416238	5497842	2020-10-12	JM,TG	Basalt, weak fol, white 1.5cm qv stringers, trace py, qv parallel to fol, bottom of basalt cliff	5	Le May
A527173	416287	5497819	2020-10-12	JM,TG	Sugary pink-white qv, black fg inclusions along fol, vuggy, carb alt, in fissle boulder	5	Le May
A527174	416396	5497818	2020-10-12	JM,TG	Well foliated basalt, 5% glassy to milky white qv up to 1cm along fol, trace pyrite, malicite staining	8	Le May
A527175	416621	5497841	2020-10-12	JM,TG	Vuggy folded boulder, 50cm-50cm, Basalt, qv up to 5cm wide, along fol, trace pyrite, pitted out, chl-amph	5	Le May
A527176	416650	5497870	2020-10-12	JM,TG	Basalt, rusty, weak fol, trace pyrite, white blebby qv, malicite staining	5	Le May
A527177	416642	5497876	2020-10-12	JM,TG	Vuggy Qv, rusty purple, trace pyrite, sugary,	5	Le May
A527178	416636	5497882	2020-10-12	JM,TG	White-grey qv, minor black inclusions, angular boulder, 10cm-10cm, 1-2% pyrite	24	Le May
A527179	416613	5497993	2020-10-12	JM,TG	Basalt, sheared, 5% qv up to 1cm along fol, trace py	5	Le May
A527180	416578	5498036	2020-10-12	JM,TG	ultramafic, well foliated, sheared, non-magnetic, dark blue acicular amph? Along fol, trace pyrite, cpy stringers, bio knots	6	Le May
A527181	416557	5497978	2020-10-12	JM,TG	Rusty basalt, concordant qv-stringers up to 5mm, trace py	5	Le May
A527182	416466	5497967	2020-10-12	JM,TG	Purple-yellow vuggy, gossan, possible gabbro, all sulphides are rusted out, in trench	10	Le May
A527183	416466	5497967	2020-10-12	JM,TG	Purple-yellow vuggy, gossan, possible gabbro, all sulphides are rusted out, in trench	25	Le May
A527184	416427	5497962	2020-10-12	JM,TG	Trench 2: Purple gossan, ultramafic, py, sphy, cpy, po	117	Le May
A527185	416369	5497930	2020-10-12	JM,TG	Small trench 2x3m, gossanous, purple to grey, non-mag	15	Le May
A527186	416283	5497882	2020-10-12	JM,TG	Chlorite schist, on low swamp ledge	15	Le May
A527187	418500	5499392	2020-10-12	JM,TG	Ultramafic unit, hosting 20% thin 1-3cm thick, grey quartz stringers, trace dis py	5	Le May
A527188	418549	5499393	2020-10-12	JM,TG	Very large, meters scale shear zone on road cut on highway, appears to be grey-green to rusty orange mafic, hosts rock 2% dis py, hosts 2-5cm thick qv stringers	11100	Le May
A527189	416427	5497962	2020-10-12	JM,TG	Trench 2, Gabbro, red to brown gossan, medium-grained, poorly defined fol, amphibole, plag, pyroxene? 7-8% chalco as clusters of fine disseminations and along fractures	30	Le May

A527190	416369	5497930	2020-10-12	JM,TG	Trench 3? Red to purple gossan, mafic to um intrusive x-cut by shisctose band (chl/talc?) up to 3cm wide, contains primarily amphibole, and chlorite, no plag noted, trace pyrite, rusted out pockets	5	Le May
A527191	418549	5499393	2020-10-12	JM,TG	Roadside cut, dark red to purple gossan, intensely altered, host rock indeterminate, foliated, chlorite, sil, minor kspar and bio, 2-3% blebby po, 1% cpy, 1% py,	5	Le May
A527192	418578	5499374	2020-11-16	JM,TG	White to orange gossan qtz-tm vein, hosted in roadside shear, up to 1m wide, spatially assoc w tonalite(?), 20-30% planes of host rock/fg sheeted tm, trace-1% cpy	5	Le May
A527193	418578	5499374	2020-11-16	JM,TG	White to orange gossan, qtz-tm vein as above, primarily sugary qtz, 1-2mm wide plane of fg tm, trace-1% blebby rusty py	5	Le May
A527194	418515	5499402	2020-11-16	JM,TG	Roadside shear, indeterminate rocktype, dark-green to grey, well-foliated/sheared, talcose/chloritic planes anastomose mg white an to euhedral feldspars, 5% wispy dark-blue-grey silica dismembered within folia	5	Le May
A527195	418515	5499402	2020-11-30	JM,TG	Roadside shear, schist, yellow to orange gossan, fissile, indeterminate composition, chloritic?	5	Le May
A527196	418515	5499402	2020-11-30	JM,TG	Roadside shear, mafic host containing, amphibole, biotite, and plag intruded by conformable yellow-beige qv (6-7cm wide, with sheeted planes of host that increase in abundance moving to one contact (granitic finger?) 4-5% fg streaks po in fol. Late amph-qtz-blebby po vein x-cuts	5	Le May
A527197	418515	5499402	2020-11-30	JM,TG	Roadside shear, dark red to purple gossan, mg, very well-foliated, contains amphibole, biotite, chlorite and lesser plag, 4-5% po streaks and 2% 1-3mm wide blue-grey qv, along fol, x-cut by light-grey rusty qv	5	Le May
A527198	420290	5498743	2020-11-30	JM,TG	Gibi Lake road shear, dark orange to red gossan, well-foliated, siliceous, (silicified mafic?) 2-3% platy pyrrhotite	5	Le May
A527199	418535	5499398	2020-11-16	JM,TG	Roadside shear, dark red to purple gossan, fg, well-foliated sheared mafic, amphibole, chl, biotite. Dark green rusty "knot", 2-3% fg streaks po along fol, 2-4% beige to blue qv (1-5mm) along fol, one blue-grey qtz eye(??) within one stringer, possible tr aspy within vein	5	Le May

B409901	418488	5499403	2021-08-19	TG, BD	Mafic Intrusive (Gabbro), dark grey-green, mg-cg, local rust, more fissile, trace py	5	Le May
B409902	418489	5499403	2021-08-19	TG, BD	Shear zone of gabbro unit, fg, gossanous, very rusty, light brown to red orange colour, pitted out sulphides	5	Le May
B409903	418490	5499403	2021-08-19	TG, BD	Leucogabbro, light grey-green, mg-cg, massive, trace py	5	Le May
B409904	418526	5499403	2021-08-19	TG, BD	Foliated mafic flow, dark grey green, locally gossanous throughout, mod biotite, local amph,	5	Le May
B409905	418527	5499403	2021-08-19	TG, BD	Foliated mafic flow, very gossanous, rusty orange-red-brown with white and yellow sulfur powder	5	Le May
B409906	418527.5	5499403	2021-08-19	TG, BD	Quartz vein, grey, vitreous, local silver sulphides likely pyrite, local host with sample	5	Le May
B409907	418528	5499403	2021-08-19	TG, BD	Foliated mafic flow, fg, locally gossanous, light grey-green, mod biotite, local mg amph,	5	Le May
B409908	418529	5499403	2021-08-19	TG, BD	Foliated mafic flow, fg, lesser gossanous, light grey-green, mod biotite, local mg amph	5	Le May
B409909	418543	5499403	2021-08-19	TG, BD	Foliated mafic flow, fg, mod biotite, mg amph	5	Le May
B409910	418544	5499403	2021-08-19	TG, BD	Shear zone, in mafic flow, fg, gossanous, fissile, 2% diss py, rusted out sulphides,	5	Le May
B409911	418545	5499403	2021-08-19	TG, BD	Shear zone, in mafic flow, fg, gossanous, fissile, 2% diss py, rusted out sulphides,	5	Le May
B409912	418546	5499403	2021-08-19	TG, BD	Andesite, med grey-green, local felsic minerals, fg, foliated	5	Le May
B409913	418602	5499403	2021-08-19	TG, BD	Mafic pillows, fg, local pillow salvages with rusty carb,	5	Le May
B409914	418603	5499403	2021-08-19	TG, BD	Chlorite schist, between pillows and sediments, fg, fissile, rusted out sulphides	5	Le May
B409915	418604	5499403	2021-08-19	TG, BD	Chlorite schist, between pillows and sediments, fg, fissile, rusted out sulphides	5	Le May
B409916	418605	5499403	2021-08-19	TG, BD	Argillite, ?, vfg, local bedding structures, local rusty patches, laminated	7	Le May
B409917	417273	5498685	2021-08-23	TG, NH	Foliated mafic outcrop on ridge, slight rust, fg, NE fabric, mod biotite and amph	5	Le May
B409918	417281	5498745	2021-08-23	TG, NH	Andesite, light grey-green, fg, lolcal 2% thin qtz-stringers, rusty ~1% py, possible sheared	5	Le May
B409919	417282	5498677	2021-08-23	TG, NH	Foliated mafic, dakr grey-green, fg, mod rust, locally vuggy carbonate stringers, 1% py, subcrop on outcrop	5	Le May
B409920	417344	5498669	2021-08-23	TG, NH	Chlorite schist, fg, schistose on cliff edge by low trench, light green, fissile rusty, trace py	5	Le May
B409921	417357	5498619	2021-08-23	TG, NH	pyroxenite, mg-cg pyroxenes, dark green, red rust, hosts silver sulphides ~1%	5	Le May

B409922	417205	5498420	2021-08-23	TG, NH	Gabbro, yellow-orange rust on surface, cg, pyroxene and amphibole	5	Le May
B409923	417080	5498382	2021-08-23	TG, NH	Gabbro, rusty orange-yellow, mg, by lake edge, subcrop on outcrop, cg, grey-green, rusted out sulphides	5	Le May
B409924	417067	5498371	2021-08-23	TG, NH	Gabbro, rusty orange-yellow, mg, by lake edge, subcrop on outcrop, cg, grey-green, rusted out sulphides	19	Le May
B409925	417058	5498389	2021-08-23	TG, NH	White quartz, boulder located on outcrop, local rusty, hosts radial amphibole (actinolite?), old flagging tape nearby	5	Le May
B409926	417023	5498368	2021-08-23	TG, NH	Gabbro, hosts thin qtz stringers, strained, with purple (bornite?), cg, grey-green, sheared	5	Le May
B409927	417024	5498369	2021-08-23	TG, NH	Quartz Vein, hosted within the gabbro unit, grey, local rust, hosts rafts of host	5	Le May
B409928	416951	5498401	2021-08-23	TG, NH	Foliated mafic flow, locally sheared, 5-10cm qtz-veining, possible epidote and or sericite alt?, outcrop is sheared also	5	Le May
B409929	416847	5498352	2021-08-23	TG, NH	Gabbro, rusty red, subcrop on outcrop, purple hugh (bornite?)	5	Le May
B409930	416791	5498302	2021-08-23	TG, NH	Gabbro, within gully area, local pitted brown specs (rusted out sulphides)	5	Le May
B409931	416740	5498289	2021-08-23	TG, NH	Gabbro, local pitted brown specs (rusted out sulphides)	5	Le May
B409951	418241	5499306	2021-08-23	JM, AM	Rusty Qtz in pillows	5	Le May
B409952	417903	5499190	2021-08-23	JM, AM	Rusty shear on north side of swamp, py	5	Le May
B409953	417916	5499199	2021-08-23	JM, AM	Rusty shear on north side of swamp, 3% po	5	Le May
B409954	417755	5498870	2021-08-23	JM, AM	Mafic Intrusive (Gabbro)	5	Le May
B409955	417747	5498559	2021-08-23	JM, AM	Rusty qtz in gabbro, near tonalite	5	Le May
B409956	417737	5498549	2021-08-23	JM, AM	Mg Mafic, trace py po	12	Le May
B409957	418826	5499323	2021-08-23	JM, AM	Rusty Schist on the highway	14	Le May

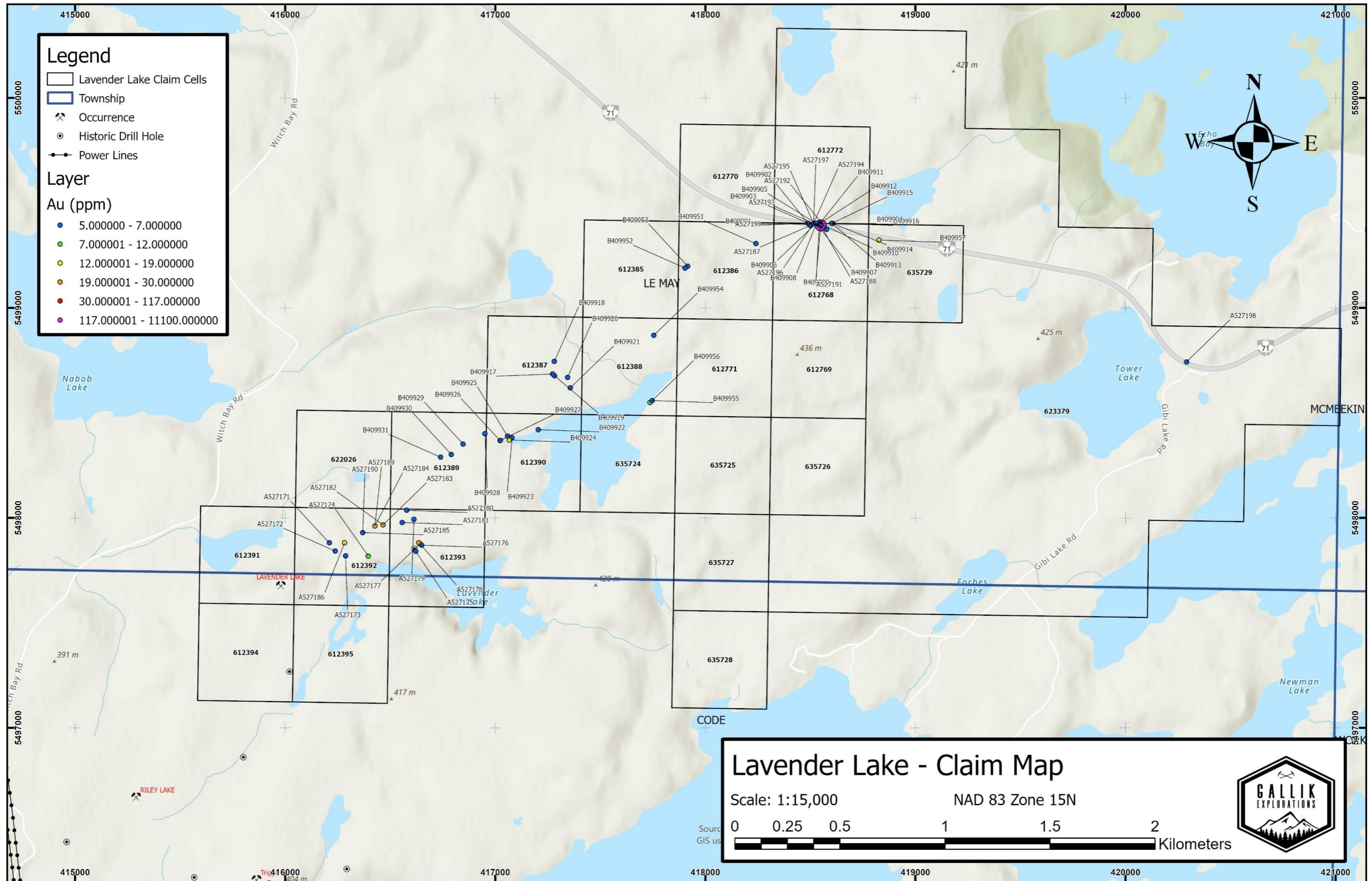


Figure 6: Plan map of 2021 prospecting sample locations and Au values

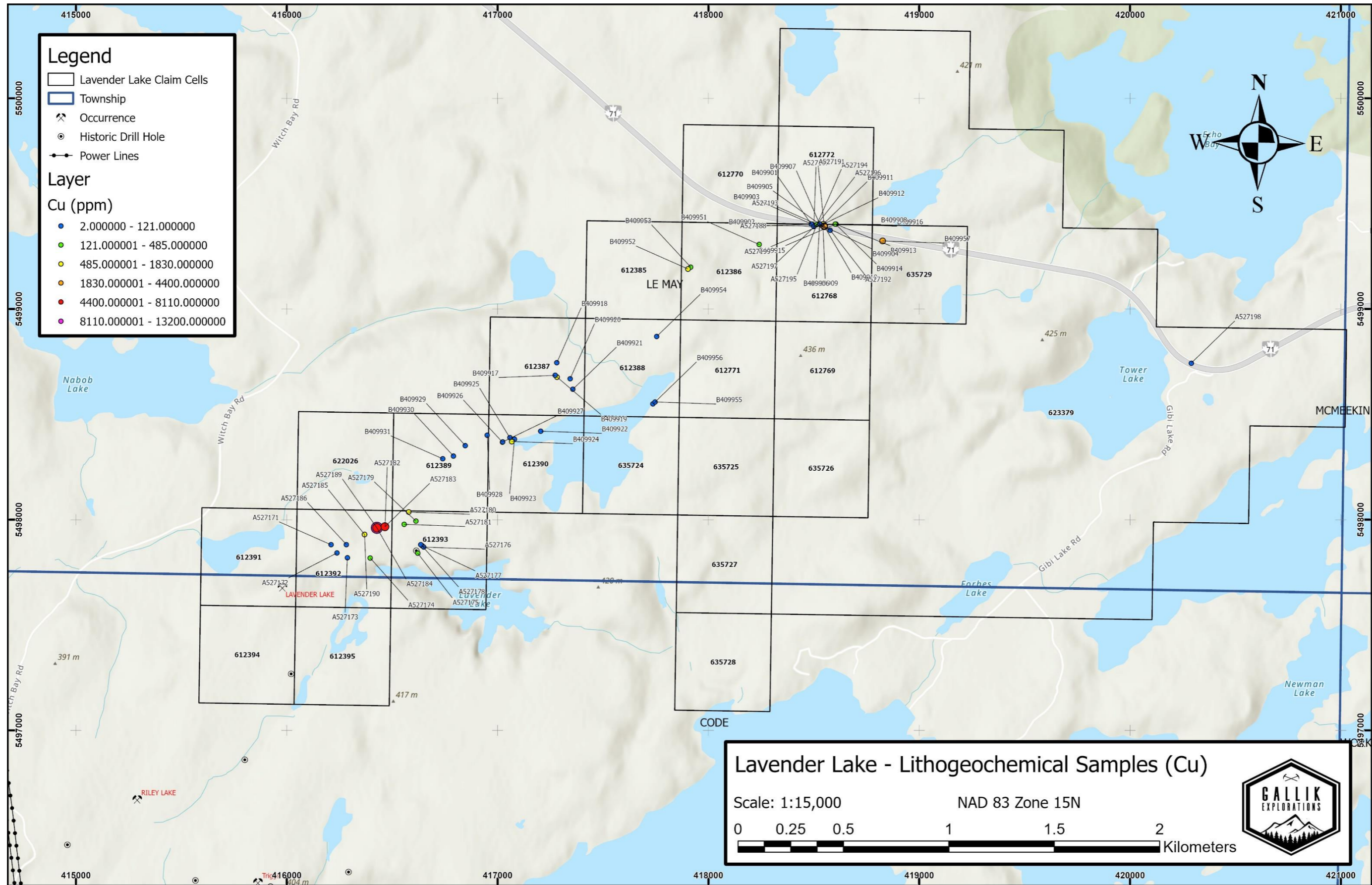


Figure 7: Plan map of 2021 prospecting sample locations and Cu values

10.0 CONCLUSIONS AND RECOMMENDATIONS

The presence of significant Au values within the F-35 shear zone (reported below) and the consistent Cu values and width of the Pogson Trenches warrant further exploration work. Minimal exploration work is needed to prepare these targets for diamond drilling. The authors recommend a SGH soil-sampling grid paired with detailed prospecting and outcrop mapping. An induced polarization (IP) survey is also potentially recommended to delineate the extent of the sulphide-bearing Pogson Trenches. Diamond drilling is recommended once the above recommendations have been exhausted.

11.0 REFERENCES

- Dome Exploration Limited (1972) Report on a magnetometer survey in the Kenora Area, Ontario (Code Township; for Dome Exploration (Canada) Limited; conducted by Geoterrex Limited.
- Dome Exploration Limited (1973) electromagnetic and magnetometer survey; for Dome Exploration (Canada) Limited; Project 55 and North portion Project 56; Manros, Code and LeMay Townships; District of Kenora, Ontario.
- Dome Exploration Limited (1974) Diamond Drilling; Township of LeMay; Work performed by Dome Exploration (Canada) Limited.
- Trowell, N.F. (1986) Geology of the Gibi Lake Area, District of Kenora; Ontario Geological Survey, Open File Report 5629, 153p. 10 figures, 16 tables, 35 photos and 2 maps in back pocket.
- Gordon Earle Pogson (1992) Exploration Report for Le May and Code Townships Claims.
- Gordon Earle Pogson (1999) Exploration Report for Le May Townships Claims.
- Mowat, A.J.M. (2002) Exploration Report for Le May Townships Claims; prepared for Gordon Earle Pogson.
- Wagg, C.A. (2010) Assessment Report for the 2010 Summer Work Program, Olympian Gold Project; prepared for Nuinsco Resources Limited ; Code and LeMay Townships, Kenora Mining Division, Ontario.
- Tims, A. (2013) Assessment Report on the Prospecting Program over the **John Burt Claims**; Prepared for John Burt; Code and LeMay Townships, Kenora Mining Division, Ontario
- Rousseau, M (2013) Assessment Report on the Prospecting Program over the Witch Bay Property; prepared for Pacific Iron Ore and Raymond J. Healey; Code and Le May Townships; Kenora Mining Division, Kenora, Ontario.

Appendix A: Daily Work Logs – Prospecting and Report Writing

Date	Personnel	Description
2020-10-10	Troy Gallik	Grab Sampling along Highway 71 roadside cut
2020-10-12	James Macdonald and Troy Gallik	Explored Pogson Trench area and historic Lavender Lake mineral occurrence; found four historic trenches; grab sampling
2020-11-16	James Macdonald	Grab sampling along Highway 71 Roadside cut
2021-04-26	James Macdonald	Exploring extent of geologic structure intersecting Highway 71 to N of Hwy
2021-08-22	Troy Gallik, Brittany Deley	Chip sampling along Highway 71 roadside cut
2021-08-23 to 2021-08-24	James Macdonald, Troy Gallik, Neal Handkamer, Anna Macdonald	Exploring geologic structure connecting F-35 and Pogson trenches, grab sampling
2022-04-01 to 2022-04-04	Troy Gallik	Assessment Report preparation
2022-04-04 to 2022-04-07	James Macdonald	Assessment Report preparation
2022-07-04 to 2022-07-08	Troy Gallik	Assessment Report preparation
2022-08-10 to 2022-08-12	Troy Gallik	Assessment Report preparation

Appendix B: Assay Certificates



Report No.: A20-12765Final2
Report Date: 29-Dec-20
Date Submitted: 15-Oct-20
Your Reference: Lavender Lake Property

Troy Gallik
6 Meek Street
Thunder Bay On P7A7A3
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

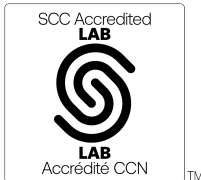
Table with 3 columns: Analytical package(s) requested, Assay description, and Testing Date. Includes rows for 1A2B-30-Tbay and 8-4 Acid-Tbay Total Digestion.

REPORT A20-12765Final2

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Notes:

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



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Elitsa Hrischeva

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A20-12765

Analyte Symbol	Au	Cu	Pd	Pt	Au
Unit Symbol	ppb	%	g/mt	g/mt	g/tonne
Lower Limit	5	0.001	0.003	0.003	0.03
Method Code	FA-AA	4Acid ICPOE S	FA-ICP	FA-ICP	FA- GRA
527171	< 5				
527172	< 5				
527173	< 5				
527174	8				
527175	< 5				
527176	< 5				
527177	5				
527178	24				
527179	< 5				
527180	6				
527181	< 5				
527184		1.32	< 0.003	< 0.003	
527186	15				
527187	< 5				
527188	> 10000				11.1

Analyte Symbol	Au	Cu	Pd	Pt	Au
Unit Symbol	ppb	%	g/mt	g/mt	g/tonne
Lower Limit	5	0.001	0.003	0.003	0.03
Method Code	FA-AA	4Acid ICPOE S	FA-ICP	FA-ICP	FA- GRA
MP-1b Meas		2.99			
MP-1b Cert		3.07			
PK2 Meas			5.87	4.70	
PK2 Cert			5.918	4.749	
PK2 Meas			5.84	4.62	
PK2 Cert			5.918	4.749	
CPB-2 Meas		0.124			
CPB-2 Cert		0.1213			
CZN-4 Meas		0.425			
CZN-4 Cert		0.403			
PTC-1b Meas		7.99			
PTC-1b Cert		7.97			
CCU-1e Meas		22.5			
CCU-1e Cert		22.9			
OREAS 229b (Fire Assay) Meas					12.1
OREAS 229b (Fire Assay) Cert					11.9
OREAS 228b (Fire Assay) Meas	8560				
OREAS 228b (Fire Assay) Cert	8570				
OREAS 257b (Fire Assay) Meas					14.1
OREAS 257b (Fire Assay) Cert					14.2
Oreas E1336 (Fire Assay) Meas	504				
Oreas E1336 (Fire Assay) Cert	510				
527184 Orig			< 0.003	< 0.003	
527184 Dup			< 0.003	< 0.003	
527186 Orig	16				
527186 Dup	13				
527188 Orig					10.7
527188 Dup					11.5
Method Blank	< 5				
Method Blank	< 5				
Method Blank					< 0.03
Method Blank			< 0.003	< 0.003	
Method Blank		0.005			



Report No.: A20-12765
Report Date: 02-Dec-20
Date Submitted: 15-Oct-20
Your Reference: Lavender Lake Property

Troy Gallik
6 Meek Street
Thunder Bay On P7A7A3
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

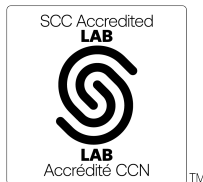
Table with 3 columns: Analytical package(s) requested, Description, and Testing Date. Rows include 1A2B-30-Tbay, 1F2-Tbay, and Weight Report in Kg-Tbay.

REPORT A20-12765

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
527171		< 0.3	6.61	< 3	58	< 1	< 2	5.48	0.5	32	68	67	10.9	21	< 1	0.44	3.05	10	1980	< 1	2.35	38	0.048
527172		< 0.3	7.50	6	22	< 1	< 2	9.51	< 0.3	32	150	51	6.73	20	< 1	0.13	1.40	6	1430	< 1	1.59	110	0.018
527173		< 0.3	5.32	< 3	86	< 1	< 2	8.95	< 0.3	25	98	18	5.63	14	< 1	0.12	3.11	11	1320	< 1	0.79	62	0.013
527174		< 0.3	6.68	< 3	14	< 1	< 2	8.48	< 0.3	21	99	202	4.60	17	< 1	0.09	1.93	6	688	< 1	0.60	64	0.017
527175		< 0.3	7.82	< 3	77	< 1	2	6.61	0.3	44	153	143	9.38	17	< 1	0.28	3.80	13	1370	< 1	1.74	124	0.023
527176		< 0.3	4.70	< 3	33	< 1	< 2	3.28	< 0.3	25	133	21	5.81	10	< 1	0.16	2.91	26	947	4	0.91	63	0.018
527177		< 0.3	5.44	< 3	46	< 1	< 2	5.52	< 0.3	35	131	216	6.08	13	< 1	0.16	3.10	17	1190	< 1	1.42	95	0.018
527178		< 0.3	0.29	< 3	< 7	< 1	< 2	0.42	< 0.3	2	49	8	0.79	< 1	< 1	< 0.01	0.17	2	136	4	0.06	7	< 0.001
527179		< 0.3	6.24	< 3	135	< 1	< 2	3.64	< 0.3	17	54	160	5.63	17	< 1	0.53	1.82	10	652	1	1.74	25	0.053
527180		< 0.3	7.14	< 3	106	< 1	< 2	7.75	0.4	55	318	657	7.19	20	< 1	1.31	5.33	21	793	3	1.48	215	0.006
527181		< 0.3	7.98	< 3	42	< 1	< 2	6.05	< 0.3	47	172	147	8.03	17	< 1	0.30	3.38	19	799	< 1	2.23	111	0.022
527182	10	1.5	2.54	< 3	25	< 1	< 2	6.53	0.4	31	1420	1000	11.3	9	< 1	0.24	7.52	4	847	42	0.94	142	0.009
527183	25	4.6	2.64	< 3	53	< 1	< 2	6.72	0.5	32	1260	6840	9.75	10	< 1	0.46	7.83	6	902	4	0.79	131	0.007
527184	117	5.5	3.69	< 3	61	< 1	< 2	3.94	1.7	443	168	> 10000	20.4	11	7	0.27	3.26	6	493	231	1.13	939	0.009
527185	15	1.0	2.35	< 3	25	< 1	< 2	7.44	0.3	33	1110	485	9.77	8	< 1	0.39	8.10	3	936	67	0.33	128	0.007
527186		< 0.3	1.60	34	< 7	< 1	< 2	2.31	0.5	115	2270	10	8.07	4	< 1	< 0.01	16.6	< 1	1310	< 1	< 0.01	1190	0.004
527187		< 0.3	7.02	< 3	388	< 1	< 2	5.86	< 0.3	33	154	4	3.94	17	< 1	0.68	4.37	16	754	1	2.56	158	0.023
527188		1.8	5.72	17	92	< 1	< 2	5.80	1.7	67	31	4400	7.81	23	< 1	0.32	0.93	14	760	< 1	1.05	30	0.033

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
527171	6	< 5	0.03	38	74	< 2	0.29	< 5	< 10	217	< 5	32	169	86	0.738
527172	< 3	< 5	0.03	29	98	6	0.26	< 5	< 10	169	< 5	14	64	15	0.979
527173	< 3	< 5	< 0.01	24	74	< 2	0.19	< 5	< 10	131	< 5	11	62	10	0.667
527174	< 3	< 5	0.03	25	102	< 2	0.22	< 5	< 10	132	< 5	10	30	10	0.853
527175	< 3	< 5	0.05	41	70	11	0.46	< 5	< 10	266	< 5	16	111	19	0.588
527176	8	< 5	0.01	23	50	5	0.24	< 5	< 10	148	< 5	9	76	11	0.684
527177	< 3	< 5	0.07	28	48	< 2	0.28	< 5	< 10	165	< 5	11	65	16	0.371
527178	< 3	< 5	0.01	< 4	3	< 2	0.01	< 5	< 10	13	< 5	< 1	8	< 5	1.18
527179	< 3	6	0.07	14	180	< 2	0.25	< 5	< 10	95	< 5	10	46	74	0.533
527180	< 3	< 5	0.49	33	125	< 2	0.13	< 5	< 10	203	11	4	56	14	0.394
527181	< 3	14	0.05	36	101	4	0.31	< 5	< 10	188	< 5	15	24	40	0.975
527182	5	< 5	0.55	53	13	7	0.16	< 5	< 10	163	< 5	4	49	15	1.11
527183	9	< 5	1.22	56	19	11	0.17	< 5	< 10	172	< 5	4	56	15	1.37
527184	21	< 5	10.9	20	54	3	0.09	< 5	10	77	< 5	2	103	9	0.571
527185	7	< 5	0.35	55	13	6	0.17	< 5	< 10	176	< 5	4	48	13	0.795
527186	14	< 5	0.03	13	10	6	0.10	< 5	< 10	69	< 5	3	67	< 5	0.521
527187	6	< 5	0.02	23	323	6	0.15	< 5	< 10	85	< 5	5	51	62	1.32
527188	7	< 5	2.10	14	234	3	0.33	< 5	< 10	215	< 5	10	74	57	0.523

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas			8.30	< 3	603	3		1.10		18	44	33	5.03	22	2	1.94	1.04	38	943		1.57	36	0.059
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			8.04	< 3	578	3		1.15		19	45	30	4.83	22	3	1.69	1.01	36	937		1.54	36	0.058
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			7.70	< 3	523	2		1.05		17	39	28	4.65	20	< 1	1.61	0.98	35	866		1.49	37	0.054
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
Oreas 72a (4 Acid Digest) Meas				< 3						149	160	332	9.82										6410
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63										6930.000
Oreas 72a (4 Acid Digest) Meas				3						156	170	331	9.83										6870
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63										6930.000
Oreas 72a (4 Acid Digest) Meas				4						151	160	319	9.57										6560
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63										6930.000
OREAS 98 (4 Acid) Meas		42.4					74			122		> 10000											
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											
OREAS 98 (4 Acid) Meas		41.4					21			121		> 10000											
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											
DNC-1a Meas					88			7.52		52	175	100	7.07	14					5			1.43	244
DNC-1a Cert					118			8.21		57	270	100	6.97	15					5.2			1.40	247
DNC-1a Meas					84			7.31		50	226	96	6.81	13					5			1.42	231
DNC-1a Cert					118			8.21		57	270	100	6.97	15					5.2			1.40	247
DNC-1a Meas					79			7.51		54	201	96	7.06	14					5			1.43	251
DNC-1a Cert					118			8.21		57	270	100	6.97	15					5.2			1.40	247
OREAS 904 (4 ACID) Meas		0.4	6.54	85	182	9	< 2	0.05		98	56	6460	7.09	16		1.98	0.59	17	452	< 1	0.04	49	0.095
OREAS 904 (4 ACID) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7		3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980
OREAS 904 (4 ACID) Meas		0.6	6.24	92	174	7	< 2	0.05		96	52	6090	6.80	15		2.44	0.58	17	451	3	0.04	46	0.103
OREAS 904 (4 ACID) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7		3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980
SBC-1 Meas				17	595	3	3		0.3	22	103	31		27					177			1	87
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0					163			2	83
SBC-1 Meas				22	622	3	3		0.3	24	85	36		27					158			1	90
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0					163			2	83
SBC-1 Meas				19	560	2	< 2		0.4	23	121	32		27					164			1	86
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0					163			2	83
OREAS 96 (4 Acid) Meas		11.1					< 2			49		> 10000											
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											
OREAS 96 (4 Acid) Meas		11.3					23			51		> 10000											
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											
OREAS 96 (4 Acid) Meas		11.1					12			51		> 10000											

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											
OREAS 923 (4 Acid) Meas		1.6	7.41	4	404	2	16	0.49	0.4	23	76	4670	6.76	21		2.34	1.74	34	1010	< 1	0.33	38	0.063
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3		2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630
OREAS 923 (4 Acid) Meas		1.6	7.27	< 3	393	2	9	0.54	0.5	25	78	4500	6.57	20		1.96	1.74	32	1060	< 1	0.32	39	0.066
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3		2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630
OREAS 923 (4 Acid) Meas		2.2	7.11	< 3	363	2	8	0.49	0.5	24	70	4440	6.61	18		2.43	1.75	32	967	< 1	0.33	39	0.065
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3		2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630
OREAS 621 (4 Acid) Meas		70.6	6.63	76		2	< 2	2.06	301	30	36	3890	3.92	25		1.45	0.52	15	534	14	1.36	31	0.038
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359
OREAS 621 (4 Acid) Meas		69.3	6.31	56		1	< 2	2.09	284	31	29	3670	3.79	25		1.18	0.52	15	511	13	1.36	28	0.038
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359
OREAS 621 (4 Acid) Meas		67.5	6.22	60		1	< 2	2.05	277	31	32	3570	3.66	24		2.09	0.51	14	503	14	1.30	29	0.036
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359
OREAS 238 (Fire Assay) Meas	3010																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	508																						
Oreas E1336 (Fire Assay) Cert	510																						
527180 Orig		< 0.3	7.13	< 3	107	< 1	< 2	7.80	0.3	56	339	658	7.27	19	1	1.31	5.37	21	792	4	1.50	216	0.006
527180 Dup		< 0.3	7.15	< 3	105	< 1	< 2	7.70	0.5	55	297	656	7.12	20	< 1	1.31	5.29	20	794	3	1.46	214	0.006
527182 Orig	11																						
527182 Dup	8																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		3	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	24	< 5		15	189		0.09	< 5	< 10	29	< 5		105	22
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
SDC-1 Meas	23	< 5		15	183		0.09	< 5	< 10	36	< 5		106	35
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
SDC-1 Meas	20	< 5		15	186		0.09	< 5	< 10	29	< 5		104	19
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
Oreas 72a (4 Acid Digest) Meas			1.71											
Oreas 72a (4 Acid Digest) Cert			1.74											
Oreas 72a (4 Acid Digest) Meas			1.66											
Oreas 72a (4 Acid Digest) Cert			1.74											
Oreas 72a (4 Acid Digest) Meas			1.61											
Oreas 72a (4 Acid Digest) Cert			1.74											
OREAS 98 (4 Acid) Meas	289	< 5	15.3										1310	
OREAS 98 (4 Acid) Cert	345	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	301	6	15.0										1290	
OREAS 98 (4 Acid) Cert	345	20.1	15.5										1360	
DNC-1a Meas	< 3	< 5		28	135		0.25			134		14	63	31
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
DNC-1a Meas	< 3	< 5		27	129		0.24			133		14	61	30
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
DNC-1a Meas	< 3	< 5		28	137		0.27			125		14	60	30
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
OREAS 904 (4 ACID) Meas	8	< 5	0.06	12	31			< 5	< 10	67	< 5	36	29	32
OREAS 904 (4 ACID) Cert	10.6	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 ACID) Meas	5	< 5	0.06	12	31			< 5	< 10	78	13	34	27	173
OREAS 904 (4 ACID) Cert	10.6	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	42	11		18	185		0.47	< 5	< 10	210	< 5	27	175	103
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	25	< 5		19	181		0.46	< 5	< 10	214	5	30	193	109
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	28	< 5		18	187		0.49	< 5	< 10	192	< 5	28	188	99
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	85	< 5	4.27										418	
OREAS 96 (4 Acid) Cert	101	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	94	6	4.21										453	
OREAS 96 (4 Acid) Cert	101	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	90	< 5	4.13										446	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 96 (4 Acid) Cert	101	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	81	< 5	0.73	13	45		0.40	< 5	< 10	95	7	26	340	125
OREAS 923 (4 Acid) Cert	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	83	< 5	0.72	13	45		0.40	< 5	< 10	96	8	27	364	128
OREAS 923 (4 Acid) Cert	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	81	< 5	0.69	13	47		0.41	< 5	< 10	86	8	26	373	119
OREAS 923 (4 Acid) Cert	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	> 5000	19	4.76	6	85		0.18	8	< 10	34	< 5	12	> 10000	157
OREAS 621 (4 Acid) Cert	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	> 5000	13	4.42	6	83		0.19	< 5	< 10	32	< 5	12	> 10000	157
OREAS 621 (4 Acid) Cert	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	> 5000	17	4.31	7	78		0.18	< 5	< 10	30	< 5	13	> 10000	154
OREAS 621 (4 Acid) Cert	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 238 (Fire Assay) Meas														
OREAS 238 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
527180 Orig	4	< 5	0.50	33	126	< 2	0.14	< 5	< 10	204	12	4	54	14
527180 Dup	< 3	< 5	0.49	33	124	< 2	0.13	< 5	< 10	201	10	4	58	14
527182 Orig														
527182 Dup														
Method Blank														
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5



Report No.: A20-16374
Report Date: 12-Feb-21
Date Submitted: 21-Dec-20
Your Reference: Lavender Lake Property

Troy Gallik
6 Meek Street
Thunder Bay On P7A7A3
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

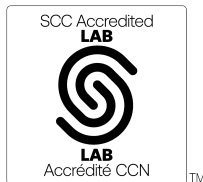
Table with 3 columns: Analytical package(s) requested, Description, and Testing Date. Rows include 1A2B-30-Tbay, 1F2-Tbay, and Weight Report in Kg-Tbay.

REPORT A20-16374

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

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CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
527189	30	3.6	7.29	< 3	141	< 1	< 2	7.97	0.6	35	238	8110	7.53	11	< 1	0.71	5.95	11	832	2	0.96	112	0.011
527190	5	0.6	2.49	< 3	43	< 1	< 2	7.58	< 0.3	41	1110	590	9.74	7	< 1	0.37	9.09	3	972	< 1	0.34	123	0.011
527191	< 5	1.1	6.77	< 3	56	< 1	< 2	7.48	< 0.3	36	27	3630	7.59	24	< 1	0.26	1.04	15	721	< 1	0.62	19	0.042
527192	< 5	0.3	4.42	< 3	71	< 1	< 2	1.40	< 0.3	5	30	121	1.03	7	< 1	0.13	0.41	4	95	2	1.70	4	0.009
527193	< 5	< 0.3	0.67	< 3	15	< 1	< 2	0.34	< 0.3	< 1	60	73	0.51	< 1	< 1	0.03	0.05	1	67	6	0.26	2	0.005
527194	< 5	0.4	7.54	5	361	< 1	< 2	2.67	< 0.3	24	259	5	3.73	21	< 1	1.42	3.00	30	481	< 1	3.34	142	0.074
527195	< 5	< 0.3	5.00	< 3	36	< 1	< 2	4.72	0.5	53	628	192	8.77	9	< 1	0.31	10.9	29	1290	< 1	0.21	228	0.013
527196	< 5	0.7	7.30	< 3	114	< 1	< 2	4.90	< 0.3	33	26	210	5.36	17	< 1	0.33	1.70	7	802	2	2.57	22	0.061
527197	< 5	0.3	6.21	10	219	< 1	< 2	5.88	< 0.3	42	29	277	10.3	17	1	0.54	3.13	14	1810	< 1	1.66	46	0.031
527198	< 5	< 0.3	8.34	4	46	< 1	< 2	8.57	< 0.3	45	173	64	8.39	15	< 1	0.38	3.71	10	1570	< 1	1.22	140	0.025
527199	< 5	< 0.3	6.41	5	310	< 1	< 2	6.25	< 0.3	44	8	291	12.6	20	< 1	0.91	2.53	19	1950	< 1	1.06	23	0.039

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
527189	9	< 5	1.15	40	111	< 2	0.13	< 5	10	134	< 5	5	125	10	0.517
527190	< 3	< 5	0.25	56	13	< 2	0.16	< 5	< 10	159	< 5	6	51	14	0.686
527191	3	< 5	1.78	16	214	3	0.36	< 5	< 10	136	< 5	17	43	40	0.391
527192	< 3	< 5	0.05	< 4	190	< 2	0.12	< 5	< 10	26	< 5	< 1	12	23	0.793
527193	< 3	< 5	0.02	< 4	29	< 2	0.05	< 5	< 10	4	< 5	< 1	3	< 5	0.714
527194	< 3	< 5	< 0.01	9	389	< 2	0.19	< 5	< 10	63	< 5	5	49	88	0.514
527195	< 3	< 5	0.67	32	6	< 2	0.21	< 5	< 10	172	< 5	11	303	19	0.655
527196	< 3	< 5	0.35	16	277	< 2	0.33	< 5	< 10	106	< 5	12	48	128	0.610
527197	7	< 5	0.58	32	120	6	0.30	< 5	< 10	225	< 5	18	112	32	1.41
527198	< 3	< 5	0.21	35	89	< 2	0.27	< 5	< 10	153	< 5	15	145	11	1.34
527199	< 3	< 5	0.48	37	96	< 2	0.28	< 5	< 10	208	< 5	22	116	18	0.818

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas			8.11	4	539	3		1.08		18	50	30	4.73	23	< 1	2.25	1.06	37	907		1.49	35	0.063
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
Oreas 72a (4 Acid Digest) Meas				6						144	172	308	9.41									6070	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
OREAS 98 (4 Acid) Meas		42.9					< 2			119		> 10000											
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											
OREAS 98 (4 Acid) Meas		42.6					2			117		> 10000											
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											
OREAS 904 (4 ACID) Meas		0.5	6.65	100	172	8	< 2	0.05		96	52	6270	6.99	18		2.87	0.62	17	465	1	0.04	45	0.106
OREAS 904 (4 ACID) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7		3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980
SBC-1 Meas				28	647	3	< 2		< 0.3	23	89	32		26					160		2		83
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0					163		2		83
OREAS 923 (4 Acid) Meas		2.0	7.04	7	368	2	18	0.48	< 0.3	24	75	4360	6.42	20		2.39	1.79	33	996	< 1	0.31	39	0.068
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3		2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630
OREAS 621 (4 Acid) Meas		71.4	6.31	68		1	< 2	2.08	279	31	32	3660	3.73	25		2.14	0.53	14	532	13	1.32	30	0.040
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359
OREAS 621 (4 Acid) Meas		70.9	6.18	73		1	< 2	2.07	274	30	29	3700	3.69	24		2.11	0.53	14	533	13	1.31	26	0.040
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6		2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359
OREAS 238 (Fire Assay) Meas	3010																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		< 0.3	7.93		347	1	< 2	5.91		50	1230	270	7.70	16		1.32	5.35	13	1350	< 1	1.60	470	0.146
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6		1.35	5.19	13.0	1310	1.38	1.61	503	0.141
527193 Orig		< 0.3	0.69	< 3	16	< 1	< 2	0.35	< 0.3	< 1	55	73	0.52	< 1	< 1	0.03	0.05	1	70	6	0.27	2	0.005
527193 Dup		< 0.3	0.65	< 3	14	< 1	< 2	0.33	< 0.3	< 1	65	72	0.50	< 1	< 1	0.02	0.05	1	64	6	0.25	2	0.005
527197 Orig	< 5																						
527197 Dup	< 5																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	20	< 5		15	162		0.14	< 5	< 10	45	< 5		107	37
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
Oreas 72a (4 Acid Digest) Meas			1.60											
Oreas 72a (4 Acid Digest) Cert			1.74											
OREAS 98 (4 Acid) Meas	292	11	15.9										1270	
OREAS 98 (4 Acid) Cert	345	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	300	< 5	16.1										1300	
OREAS 98 (4 Acid) Cert	345	20.1	15.5										1360	
OREAS 904 (4 ACID) Meas	14	< 5	0.06	12	27			< 5	< 10	83	< 5	38	28	40
OREAS 904 (4 ACID) Cert	10.6	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	27	< 5		17	160		0.46	< 5	< 10	203	< 5	27	187	89
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 923 (4 Acid) Meas	74	< 5	0.69	12	39		0.38	< 5	< 10	91	9	27	353	109
OREAS 923 (4 Acid) Cert	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	> 5000	25	4.57	6	74		0.17	< 5	< 10	32	< 5	12	> 10000	137
OREAS 621 (4 Acid) Cert	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	> 5000	15	4.44	6	67		0.17	< 5	< 10	33	< 5	11	> 10000	133
OREAS 621 (4 Acid) Cert	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 238 (Fire Assay) Meas														
OREAS 238 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 681 (4 Acid) Meas	10	< 5	0.10	26	404		0.42		< 10	196	< 5	17	83	44
OREAS 681 (4 Acid) Cert	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
527193 Orig	< 3	< 5	0.02	< 4	30	< 2	0.05	< 5	< 10	5	< 5	< 1	4	< 5
527193 Dup	< 3	< 5	0.02	< 4	28	< 2	0.05	< 5	< 10	4	< 5	< 1	3	< 5
527197 Orig														
527197 Dup														
Method Blank														
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5



Report No.: A21-16205
Report Date: 16-Sep-21
Date Submitted: 26-Aug-21
Your Reference: Lavender Lake Property

Troy Gallik
6 Meek Street
Thunder Bay On P7A7A3
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

38 Rock samples were submitted for analysis.

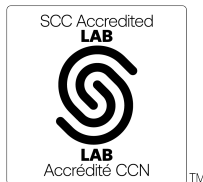
Table with 3 columns: Analytical package(s) requested, Description, and Testing Date. Rows include 1A2B-30-Tbay, 1F2-Tbay, and Weight Report in Kg-Tbay.

REPORT A21-16205

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-16205

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B409901	< 5	< 0.3	1.85	< 3	< 7	< 1	< 2	2.34	< 0.3	120	5180	65	9.91	4	0.01	15.4	< 1	1400	< 1	< 0.01	1130	0.005	4
B409902	< 5	< 0.3	1.66	< 3	< 7	< 1	< 2	3.17	< 0.3	89	4020	105	8.68	3	0.02	14.2	2	1100	< 1	0.01	783	0.002	5
B409903	< 5	< 0.3	1.72	< 3	< 7	< 1	< 2	1.43	< 0.3	117	4550	55	9.54	3	0.02	15.4	< 1	1340	< 1	0.04	1180	0.004	5
B409904	< 5	0.4	7.05	< 3	98	< 1	4	6.26	< 0.3	48	93	397	11.8	18	0.44	2.85	10	1870	< 1	1.87	35	0.042	< 3
B409905	5	0.3	5.65	< 3	87	< 1	3	5.41	< 0.3	45	26	222	10.3	16	0.43	2.67	14	1820	< 1	1.53	37	0.033	< 3
B409906	5	< 0.3	0.87	< 3	11	< 1	< 2	0.75	< 0.3	13	24	91	2.07	2	0.10	0.48	6	291	< 1	0.17	19	0.005	< 3
B409907	< 5	< 0.3	6.86	5	72	< 1	3	6.57	0.4	50	12	147	11.9	19	0.56	3.35	17	1850	< 1	1.48	38	0.034	4
B409908	5	0.5	8.24	< 3	285	< 1	< 2	4.92	< 0.3	33	27	264	8.01	20	1.11	2.11	26	1250	< 1	2.61	32	0.049	4
B409909	< 5	< 0.3	6.87	< 3	293	< 1	< 2	6.89	0.5	75	628	33	10.7	14	1.29	4.88	28	1920	< 1	1.09	243	0.020	< 3
B409910	< 5	< 0.3	6.51	< 3	501	< 1	< 2	4.91	< 0.3	33	28	232	8.10	14	0.89	2.28	18	1140	< 1	1.79	34	0.038	< 3
B409911	< 5	1.0	7.48	< 3	112	< 1	2	5.76	< 0.3	51	11	1830	9.54	17	1.13	2.39	25	1030	< 1	1.74	25	0.043	13
B409912	< 5	< 0.3	8.05	< 3	136	< 1	< 2	8.56	< 0.3	34	343	98	4.82	13	0.24	4.81	8	915	< 1	1.83	153	0.015	< 3
B409913	< 5	< 0.3	7.28	< 3	45	< 1	< 2	4.42	0.5	53	251	304	8.09	13	0.31	6.80	20	990	< 1	1.77	111	0.024	< 3
B409914	< 5	< 0.3	6.47	6	12	< 1	< 2	3.06	0.3	38	409	173	8.94	13	0.09	10.4	34	896	< 1	0.12	114	0.022	< 3
B409915	< 5	< 0.3	5.64	< 3	76	< 1	< 2	3.28	0.5	30	637	226	9.94	11	0.52	9.66	31	1090	< 1	0.26	120	0.015	< 3
B409916	7	< 0.3	7.10	< 3	79	< 1	< 2	8.12	0.4	73	537	360	10.7	13	0.36	3.79	10	2130	< 1	0.85	220	0.022	< 3
B409917	< 5	0.3	7.74	< 3	72	< 1	< 2	6.86	< 0.3	44	261	54	9.40	15	0.41	3.79	27	1760	< 1	2.33	92	0.031	< 3
B409918	< 5	< 0.3	5.75	< 3	47	< 1	2	6.58	0.4	41	272	54	9.50	15	0.18	2.77	6	1850	1	1.66	92	0.022	< 3
B409919	< 5	0.4	5.84	5	49	< 1	< 2	8.76	0.3	70	226	689	10.5	14	0.28	5.67	14	1970	1	1.19	130	0.028	5
B409920	< 5	< 0.3	5.94	< 3	22	< 1	< 2	3.85	< 0.3	59	438	71	9.99	13	0.11	8.20	18	1080	< 1	0.68	130	0.010	< 3
B409921	< 5	< 0.3	4.72	< 3	30	< 1	< 2	8.00	< 0.3	79	437	58	9.16	10	0.32	8.96	5	1230	< 1	0.63	227	0.006	< 3
B409922	< 5	< 0.3	1.60	4	< 7	< 1	< 2	1.19	< 0.3	127	2800	2	11.9	3	< 0.01	17.0	< 1	1630	< 1	< 0.01	950	0.006	3
B409923	< 5	< 0.3	2.55	< 3	8	< 1	< 2	6.60	< 0.3	35	474	90	6.98	5	0.02	12.6	< 1	1000	< 1	0.08	190	0.009	< 3
B409924	19	1.1	6.80	< 3	55	< 1	< 2	8.05	< 0.3	29	289	593	8.57	15	0.53	5.95	5	955	17	1.10	93	0.008	< 3
B409925	< 5	< 0.3	0.06	< 3	< 7	< 1	< 2	0.12	< 0.3	1	37	3	0.44	< 1	< 0.01	0.14	< 1	73	1	0.02	8	< 0.001	< 3
B409926	< 5	< 0.3	2.96	< 3	24	< 1	< 2	5.87	0.6	48	517	2	4.49	3	0.13	6.76	3	1010	< 1	0.77	351	0.010	3
B409927	< 5	< 0.3	0.59	< 3	< 7	< 1	< 2	1.72	< 0.3	14	148	3	1.51	< 1	0.03	2.03	< 1	346	< 1	0.17	97	0.002	< 3
B409928	< 5	< 0.3	4.03	< 3	9	< 1	5	5.69	< 0.3	14	294	76	2.93	8	0.01	1.02	< 1	511	< 1	0.05	36	0.005	< 3
B409929	< 5	< 0.3	5.68	< 3	14	< 1	< 2	5.23	< 0.3	95	2200	4	8.01	7	0.03	12.3	9	1380	< 1	0.21	693	0.004	< 3
B409930	< 5	< 0.3	1.76	< 3	8	< 1	< 2	3.10	< 0.3	128	2400	14	9.85	3	< 0.01	15.2	< 1	1540	< 1	< 0.01	1070	0.007	< 3
B409931	< 5	< 0.3	1.77	< 3	12	< 1	< 2	1.49	< 0.3	131	2270	3	11.2	4	< 0.01	17.1	< 1	1410	< 1	0.01	1120	0.009	5
B409951	< 5	< 0.3	7.26	< 3	81	< 1	< 2	10.3	< 0.3	35	158	143	6.71	15	0.19	2.13	9	1520	< 1	0.98	104	0.025	< 3
B409952	< 5	< 0.3	6.37	< 3	47	< 1	< 2	6.58	0.4	38	364	545	9.26	16	0.29	6.76	9	1300	< 1	1.16	74	0.028	6
B409953	< 5	0.3	6.66	< 3	42	< 1	< 2	5.90	1.0	63	447	277	9.29	14	0.20	7.05	11	1290	< 1	1.04	181	0.031	< 3
B409954	< 5	< 0.3	2.78	< 3	10	< 1	< 2	11.0	1.1	53	1920	5	5.91	4	0.15	9.72	3	1210	< 1	0.36	274	0.006	< 3
B409955	< 5	< 0.3	6.94	< 3	169	< 1	< 2	4.12	< 0.3	16	244	2	1.92	10	0.35	2.43	8	360	< 1	2.71	119	0.004	< 3
B409956	12	< 0.3	2.28	< 3	8	< 1	< 2	4.02	< 0.3	108	1850	4	9.24	3	0.01	16.1	1	1340	< 1	0.10	921	0.005	< 3
B409957	14	3.1	7.24	< 3	256	< 1	3	3.68	0.6	16	96	2850	4.62	17	0.48	1.39	10	670	< 1	3.07	45	0.025	13

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
B409901	< 5	0.92	13	12	< 2	0.09	< 5	< 10	101	< 5	2	139	< 5	1.22
B409902	< 5	0.44	15	3	2	0.09	< 5	< 10	106	< 5	2	88	< 5	1.61
B409903	< 5	0.39	14	12	< 2	0.09	< 5	< 10	93	< 5	2	113	< 5	1.10
B409904	< 5	1.30	38	158	3	0.68	< 5	10	347	< 5	22	98	40	1.14
B409905	< 5	0.66	27	118	9	0.63	< 5	10	298	< 5	19	102	45	0.934
B409906	< 5	0.20	4	16	< 2	0.08	< 5	< 10	44	< 5	2	17	< 5	0.818
B409907	< 5	0.18	37	129	7	0.45	< 5	< 10	277	< 5	23	136	41	0.878
B409908	< 5	0.08	24	488	5	0.29	< 5	< 10	136	< 5	16	90	59	1.44
B409909	< 5	0.04	46	101	< 2	0.47	< 5	10	253	< 5	14	118	34	0.912
B409910	< 5	0.38	29	204	6	0.35	< 5	< 10	154	< 5	16	82	43	1.43
B409911	< 5	2.17	31	258	< 2	0.43	< 5	< 10	164	< 5	18	66	35	1.37
B409912	< 5	0.09	32	212	4	0.19	< 5	< 10	131	< 5	6	61	26	1.33
B409913	< 5	0.47	40	119	8	0.44	< 5	< 10	253	< 5	13	76	22	0.912
B409914	< 5	0.39	34	6	9	0.35	< 5	< 10	238	< 5	11	122	26	0.618
B409915	< 5	1.27	33	9	< 2	0.27	< 5	< 10	188	< 5	9	348	22	0.920
B409916	< 5	0.41	45	82	4	0.44	< 5	< 10	261	< 5	15	102	31	1.20
B409917	< 5	0.02	41	177	< 2	0.50	< 5	< 10	263	< 5	17	72	41	0.626
B409918	< 5	0.01	26	109	3	0.46	< 5	< 10	246	< 5	11	102	18	0.686
B409919	< 5	0.03	29	75	< 2	0.32	< 5	10	196	< 5	14	110	35	0.298
B409920	< 5	< 0.01	33	44	< 2	0.34	< 5	< 10	195	< 5	10	150	37	0.676
B409921	< 5	< 0.01	37	22	< 2	0.15	< 5	< 10	163	< 5	6	46	11	0.692
B409922	< 5	< 0.01	17	1	< 2	0.10	< 5	< 10	99	< 5	1	70	6	0.622
B409923	< 5	0.02	30	5	9	0.14	< 5	< 10	116	< 5	4	47	8	0.356
B409924	< 5	0.14	42	136	< 2	0.19	< 5	10	161	< 5	5	55	13	0.848
B409925	< 5	< 0.01	< 4	1	< 2	< 0.01	< 5	< 10	3	< 5	< 1	2	< 5	0.574
B409926	< 5	< 0.01	22	61	< 2	0.08	< 5	< 10	74	< 5	4	34	6	0.664
B409927	< 5	< 0.01	6	12	< 2	0.01	< 5	< 10	17	< 5	1	10	< 5	0.986
B409928	< 5	0.02	15	89	< 2	0.08	< 5	< 10	79	< 5	3	26	< 5	0.308
B409929	< 5	< 0.01	25	11	< 2	0.10	< 5	< 10	105	< 5	3	87	7	0.686
B409930	< 5	0.05	14	16	< 2	0.12	< 5	< 10	98	< 5	2	67	< 5	0.810
B409931	< 5	< 0.01	16	3	< 2	0.17	< 5	< 10	107	< 5	3	70	8	0.542
B409951	< 5	0.10	28	110	< 2	0.37	< 5	< 10	197	< 5	13	57	14	0.682
B409952	< 5	0.44	36	90	< 2	0.39	< 5	< 10	237	< 5	13	190	46	0.610
B409953	< 5	0.93	38	96	< 2	0.41	< 5	< 10	263	< 5	14	249	38	1.19
B409954	< 5	< 0.01	64	21	7	0.21	< 5	< 10	195	< 5	6	56	12	0.756
B409955	< 5	< 0.01	8	329	< 2	0.09	< 5	10	36	< 5	2	22	47	0.942
B409956	< 5	0.01	26	4	2	0.11	< 5	< 10	101	< 5	3	60	6	0.748
B409957	< 5	0.39	12	621	2	0.24	< 5	< 10	100	< 5	5	107	120	0.926

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3	
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Oreas 72a (4 Acid) Meas				< 3						146	209	302	9.04									6160		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid) Meas				3						154	214	318	9.63									6430		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid) Meas				< 3						148	191	314	9.59									6350		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
OREAS 98 (4 Acid) Meas		41.2					59			121		> 10000											296	
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 98 (4 Acid) Meas		42.9					75			122		> 10000												328
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 98 (4 Acid) Meas		42.8					10			119		> 10000												313
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 904 (4 Acid) Meas		0.6	6.31	86	201	9	< 2	0.05		90	54	5810	6.59	18	2.28	0.56	16	431	1	0.03	41	0.092	11	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
OREAS 904 (4 Acid) Meas		0.8	6.48	92	202	9	4	0.05		93	57	6150	6.66	19	2.68	0.57	16	440	2	0.04	44	0.104	18	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
OREAS 904 (4 Acid) Meas		0.9	6.72	93	209	10	4	0.05		96	56	6340	6.92	18	2.59	0.59	17	431	3	0.04	43	0.105	12	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
SBC-1 Meas				21	777	3	< 2		0.5	22	164	29		24			160		2		83		33	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
SBC-1 Meas				17	770	3	< 2		0.3	23	98	31		29			156		1		83		39	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
SBC-1 Meas				21	800	3	< 2		< 0.3	23	89	30		29			162		< 1		85		29	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
OREAS 96 (4 Acid) Meas		11.4					< 2			50		> 10000											94	
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300												101
OREAS 96 (4 Acid) Meas		12.2					< 2			54		> 10000												102
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300												101
OREAS 96 (4 Acid) Meas		11.7					29			51		> 10000												93
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300												101
OREAS 923 (4 Acid) Meas		1.9	7.26	4	436	3	14	0.49	0.5	23	79	4210	6.41	19	2.38	1.71	31	975	< 1	0.32	39	0.062	84	
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas		2.0	7.42	< 3	437	2	15	0.51	0.4	25	79	4580	6.58	21	2.52	1.74	32	1010	< 1	0.32	38	0.067	82
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		1.6	7.31	< 3	443	3	18	0.50	0.5	25	73	4440	6.53	21	2.20	1.75	32	995	< 1	0.32	38	0.066	86
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 621 (4 Acid) Meas		75.0	6.34	53		2	5	2.03	302	31	51	3780	3.91	25	2.22	0.55	15	599	13	1.38	32	0.039	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		73.1	6.75	66		2	3	2.15	292	31	38	3720	3.90	25	2.42	0.54	15	542	13	1.36	29	0.038	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		69.1	6.27	61		2	< 2	2.05	283	31	45	3630	3.49	24	2.03	0.49	14	509	13	1.22	26	0.035	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 228b (Fire Assay) Meas	8710																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8700																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	503																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	518																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		0.4	7.84		414	1	< 2	5.83		51	1530	258	7.53	16	1.41	5.10	13	1310	< 1	1.56	466	0.137	9
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.95		411	1	< 2	5.94		51	1480	274	7.58	19	1.42	5.07	13	1320	< 1	1.56	485	0.142	7
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.47		389	1	< 2	5.65		49	1780	246	7.11	18	1.22	4.80	13	1260	< 1	1.48	460	0.133	< 3
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 247 (4 Acid) Meas		2.5	6.16	2990	572	3	< 2	0.90	< 0.3	13	90	42	3.33	16	2.53	1.26	31	382	< 1	0.47	48	0.046	30
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.4	6.35	3220	558	3	< 2	0.90	< 0.3	14	85	53	3.37	17	2.44	1.25	32	366	< 1	0.47	49	0.048	31
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.4	5.84	3090	473	2	< 2	0.84	< 0.3	13	111	40	3.23	17	1.48	1.20	31	377	2	0.46	49	0.045	31

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
B409910 Orig	< 5	< 0.3	6.49	< 3	497	< 1	< 2	4.87	< 0.3	32	23	230	8.03	14	0.88	2.27	18	1120	< 1	1.78	33	0.038	3
B409910 Dup	< 5	< 0.3	6.53	< 3	504	< 1	< 2	4.94	< 0.3	34	33	233	8.17	13	0.89	2.29	18	1150	< 1	1.80	34	0.038	< 3
B409920 Orig	< 5																						
B409920 Dup	< 5																						
B409928 Orig		< 0.3	4.10	< 3	9	< 1	5	5.81	< 0.3	15	277	77	2.98	8	0.01	1.04	< 1	517	< 1	0.05	37	0.005	< 3
B409928 Dup		< 0.3	3.97	< 3	9	< 1	5	5.58	< 0.3	14	311	75	2.88	8	0.01	1.01	< 1	506	< 1	0.05	35	0.005	< 3
B409931 Orig	< 5																						
B409931 Dup	< 5																						
B409955 Orig	< 5																						
B409955 Dup	< 5																						
B409957 Orig	14	3.1	7.24	< 3	256	< 1	3	3.68	0.6	16	96	2850	4.62	17	0.48	1.39	10	670	< 1	3.07	45	0.025	13
B409957 Split PREP DUP	15	3.1	7.64	< 3	266	< 1	< 2	3.76	0.6	17	113	2850	4.68	17	0.49	1.44	11	714	< 1	3.01	45	0.026	10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	9	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	9	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	8	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	9	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	7	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.61											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.75											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.71											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	< 5	15.3										1290	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	8	16.1										1370	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	8	15.9										1290	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 904 (4 Acid) Meas	< 5	0.06	11	29			< 5	< 10	87	< 5	33	27	56
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.06	11	29			< 5	< 10	86	< 5	34	27	180
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	86	< 5	36	29	161
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	< 5		19	180		0.52	< 5	< 10	223	< 5	30	186	112
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		19	185		0.50	< 5	< 10	224	< 5	31	187	113
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		19	185		0.53	< 5	< 10	229	5	31	190	116
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	< 5	4.25										449	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	< 5	4.60										498	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	< 5	4.35										444	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	< 5	0.69	12	43		0.44	< 5	< 10	100	7	26	346	128
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	< 5	0.75	13	45		0.43	< 5	< 10	100	9	27	354	127
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	< 5	0.73	13	46		0.43	< 5	< 10	100	8	27	368	131
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	26	4.84	6	67		0.21	< 5	10	38	< 5	12	> 10000	184
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	15	4.82	6	84		0.21	< 5	< 10	37	< 5	13	> 10000	174
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	17	4.50	6	70		0.18	< 5	< 10	35	< 5	13	> 10000	164
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 228b (Fire Assay) Meas													
OREAS 228b (Fire Assay) Cert													
OREAS 228b (Fire Assay) Meas													
OREAS 228b (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	5	0.10	25	446		0.61		< 10	254	5	16	83	59
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.10	26	453		0.58		< 10	254	< 5	17	77	59
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.10	25	423		0.55		< 10	238	< 5	16	76	60
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 247 (4 Acid) Meas	460	0.69	12	98		0.41	< 5	< 10	75	< 5	17	87	129
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	546	0.72	12	100		0.39	< 5	< 10	73	< 5	18	85	125
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	361	0.69	11	94		0.35	< 5	< 10	76	< 5	17	87	143

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
B409910 Orig	< 5	0.38	29	204	6	0.32	< 5	< 10	144	< 5	16	82	39
B409910 Dup	< 5	0.39	29	204	6	0.38	< 5	< 10	164	< 5	16	83	46
B409920 Orig													
B409920 Dup													
B409928 Orig	< 5	0.02	15	90	< 2	0.08	< 5	< 10	80	< 5	3	27	< 5
B409928 Dup	< 5	0.02	15	89	3	0.08	< 5	< 10	77	< 5	3	24	< 5
B409931 Orig													
B409931 Dup													
B409955 Orig													
B409955 Dup													
B409957 Orig	< 5	0.39	12	621	2	0.24	< 5	< 10	100	< 5	5	107	120
B409957 Split PREP DUP	< 5	0.40	14	649	3	0.24	< 5	< 10	102	< 5	7	106	123
Method Blank													
Method Blank													
Method Blank													
Method Blank	< 5	< 0.01	< 4	< 1	3	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5

Appendix C: Expenditure Table and Expenditures

Work Conducted	Daily Rate	Days	Total Expenses
Field Work	\$ 650	15	\$ 9,750.00
Travel	\$ 650	6	\$ 3,900.00
Data compilation and GIS work	\$ 650	12	\$ 7,800.00
Report Writing	\$ 650	15	\$ 9,750.00
		Total	\$ 31,200.00

Assays Costs	Units	Total Costs
Assay Costs	67	\$ 3,280.00

Misc.	Total Costs
Equipment	\$ 201.14
Fuel	\$ 493.03
Food	\$ 221.65
Truck Usage	\$ 2,100.00
Total	\$ 3,015.82

Combined Total	\$ 37,495.82
Double assessment work credit	x2
Grand Total	\$ 74,991.64