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REPORT OF

2022 PROSPECTING AND GEOLOGICAL MAPPING

ON THE

TITMARSH INTRUSION,

THUNDER BAY WEST,

THUNDER BAY SOUTH MINING DIVISION, NORTHWESTERN ONTARIO

NTS MAP SHEETS 52B/07H

METALS CREEK RESOURCES

Don Heerema, PGeo November 7, 2022

TABLE OF CONTENTS

List of Tables

List of Figures

List of Appendices

1.0 INTRODUCTION

On October 08, 2020 Metals Creek Resources Corp. (MEK) staked a magnetic feature thought to represent a reversely polarized Proterozoic mid continental rift intrusion (MCR). The property is called the Titmarsh Lake property (herein 'the property') and consists of 6 mining claims totaling 128.4 hectares, covering the magnetic feature. Metals Creek Resources personnel completed a 4 man-day program of prospecting and reconnaissance geological mapping on August 11 and 12, 2022. A total of 14 samples of pyroxenite/melanogabbro were collected and sent to Actlabs in Thunder Bay for analysis.

2.0 TERMS OF REFERENCE

Map projections are in UTM, North American Datum 83, Zone 15 and all referenced UTM coordinates are in this projection unless stated otherwise. Contractions are "mm" = millimeter, "cm" = centimeter, "m" = meters, "km" = kilometers, "g" = gram, "kg" = kilogram, "in" = inch, "ft" = foot, "lb" = pound, "oz" = troy ounce, "oz/ton" = troy ounce per short ton, "g/t" = grams per metric tonne, "ppb" = parts per billion, "Au" = gold and "ddh" = diamond drill hole.

3.0 PROPERTY DESCRIPTION AND ACCESS

The property consists of 6 claims located immediately east of Titmarsh Lake and the south shore of Hashie Lake within the Titmarsh Lake Area of the Thunder Bay Mining District (Figure 2). The property was staked on a hunch that the magnetic signature could possibly be a reversely polarized Proterozoic intrusion, the likes of the Thunder, Sunday Lake, Saturday Night, Seagull and the Current/Escape Lake intrusions/conduits. Located some 96km west-south-west of Thunder Bay, the property is accessed best by traveling Highway 590 from Kakabeka Falls and turning west onto Boreal Road (Figure 1), proceeding 65km on the well-established Boreal Road to a fork at Hashie Lake. A left at the fork (685865mE, 5358425mN) will result in closer access, but from here the road is getting rather grown in and ATV is recommended. See figure 3 for claim illustration.

Table 1: Claim Status

Township / Area	Tenure ID	Tenure Type	Anniversary Date yr/m/day	Tenure Percentage	Work Required
TITMARSH LAKE AREA	615033	Single Cell Mining Claim	2022-10-08	MEK 100%	400
TITMARSH LAKE AREA	615034	Single Cell Mining Claim	2022-10-08	MEK 100%	400
TITMARSH LAKE AREA	615035	Single Cell Mining Claim	2022-10-08	MEK 100%	400
TITMARSH LAKE AREA	615036	Single Cell Mining Claim	2022-10-08	MEK 100%	400
TITMARSH LAKE AREA	615037	Single Cell Mining Claim	2022-10-08	MEK 100%	400
TITMARSH LAKE AREA	615038	Single Cell Mining Claim	2022-10-08	MEK 100%	400

Figure 1: Regional Location Map

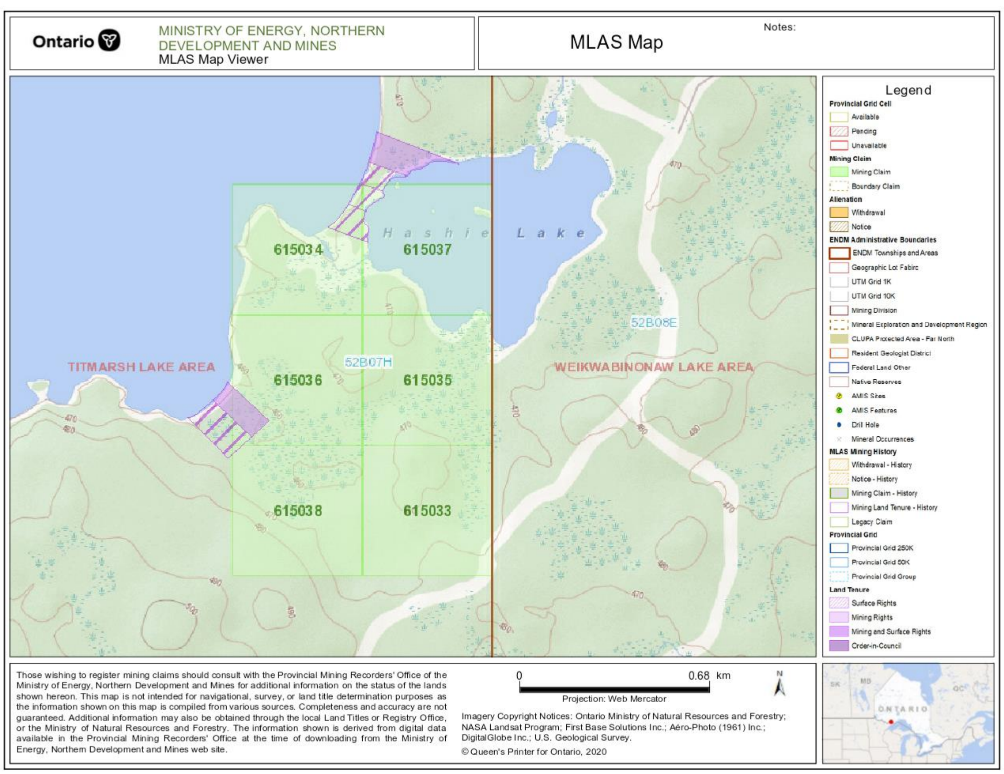


Figure 2: Claim Map

4.0 PHYSIOGRAPHY AND VEGETATION

The terrain on and surrounding the property is relatively flat, with relief on the order of approximately 25m. The area is covered by thin to moderate overburden cover with local glacial features. Areas of higher ground consist of a mix of Jackpine, Poplar, Alder, Birch and Spruce and occasional White Pine proximal to Titmarsh Lake. Low lying areas are commonly Labrador Tea and Black Spruce growth with wetter areas hosting some Tamarack, Black Ash and Diamond Willow also. Rock exposures are present throughout most of the high ground on the property where exposure to 10% is not uncommon. The southern portion of the property is regrowth Jackpine as cutting had taken place there some 25 years ago.

5.0 WORK HISTORY

No historic geological work has taken place in the area of the property based on assessment records. The area has historically been interpreted as

6.0 REGIONAL GEOLOGY

The property is located within the Wawa Subprovince of the Superior Province. The Wawa Subprovince is of volcanic origin, approximately 140km in width with a linear southwest-northeast orientation. The Subprovince runs from northern Minnesota through Thunder Bay and eastwards into Quebec, having been part of the Midcontinent Rift (MCR).

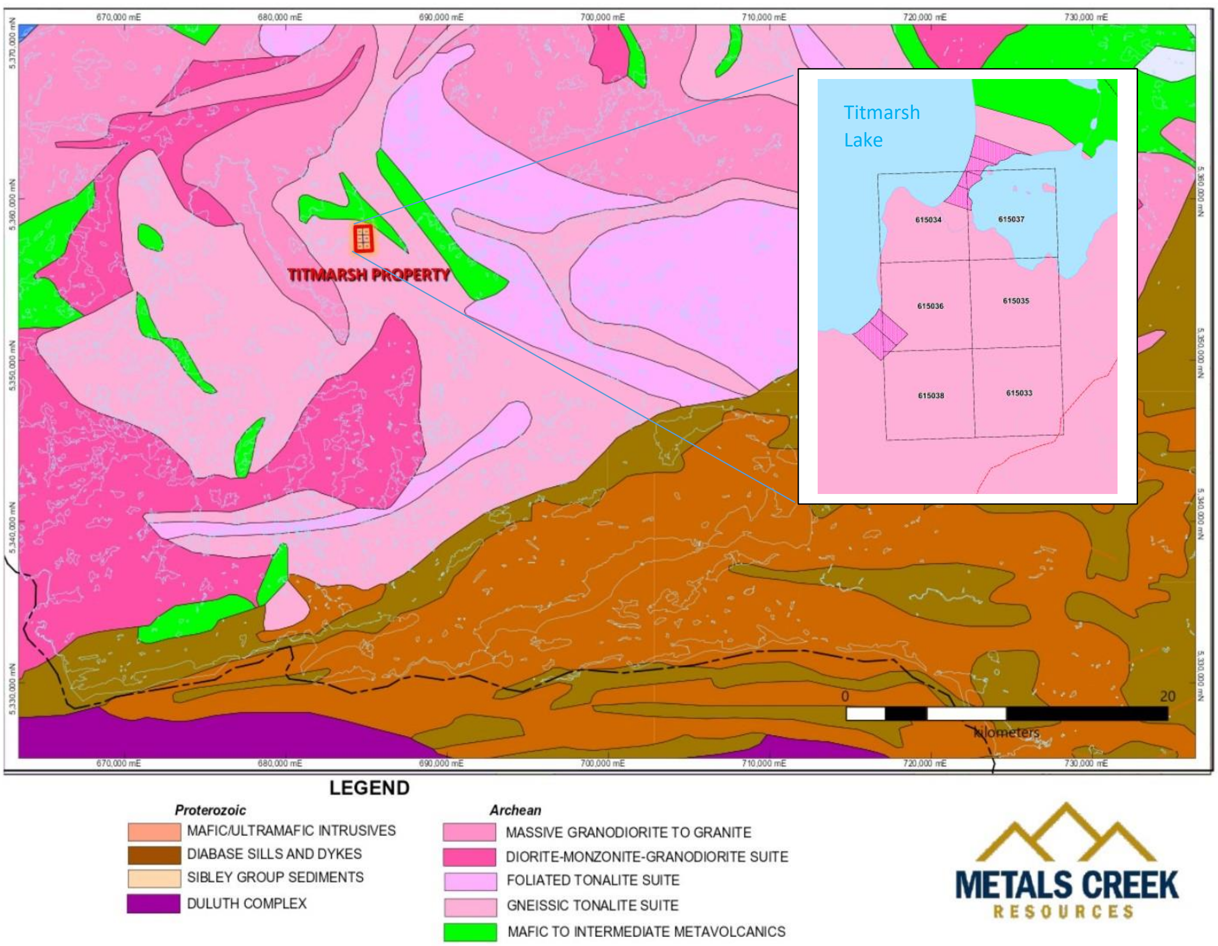
The property is underlain by the Northern Light-Perching Gull Lakes Batholitic Complex according to geological maps to date. No maps or historic work have explained the magnetic feature to date, nor do maps show any mafic/ultramafic intrusion covered by the present claims (figure 3). The complex is composed of mainly a fine-grained biotite trondhjemite interlayered with amphibolite. The area around Northern Light Lake has scattered magnetic highs that have been identified as undeformed mafic-ultramafic plugs, Archean in age.

The MCR is one of the world's largest flood basalt provinces, extending nearly 2500km from Kansas in the southwest, arching underneath Lake Superior and terminating at the Grenville Front in Michigan (Cannon 1992). It is a prominent magnetic/gravity feature that was formed when the continent began to rip apart some 1.1 billion years ago. The rift is thought to have been the product of a large mantle plume that resulted in thinning, cracking and subsequent eruption of extensive mafic volcanism. Numerous mafic-ultramafic intrusions are the result of the MCR, often with reversed magnetic polarity and basal sulphide accumulations or stratibound reefs.

A large variety of mafic to ultramafic intrusive rocks related to the MCR and the formation of the Keweenawan supergroup have been identified and include: voluminous, laterally extensive diabase sills and dikes (Nipigon, Logan and Pigeon River Sills); moderate to very large-size composite and layered mafic intrusions (i.e. Duluth Complex, Crystal Lake Gabbro); layered and differentiated ultramafic intrusions (i.e. Seagull, Hele, Disraeli, Sunday Lake and Thunder). And volumetrically minor ultramafic conduit-like intrusive complexes (Current Lake Intrusive Complex) (Mackie 2010). Copper-nickel and PGE mineralization has been discovered in most of the MCR layered and conduit type intrusions noted above.

Magnetic responses are variable for the layered and conduit type intrusions, but most have reversed polarity, having been emplaced during a time of reversed magnetic polarity between roughly 1115-1106Ma during the initial onset of early rifting. See figures below for illustration.

The Titmarsh magnetic signature is interesting that it has a similar magnetic response to the Sunday Lake, Saturday Night, Thunder and Current Lake intrusions and lies on a regional lineament (Figure 6). When manipulating the magnetic data, the intrusions all showed the same responses. See figures 4 and 5 below for comparison maps.



METALS CREEK
RESOURCES

Figure 3: Belt Geology (before MEK mapping)

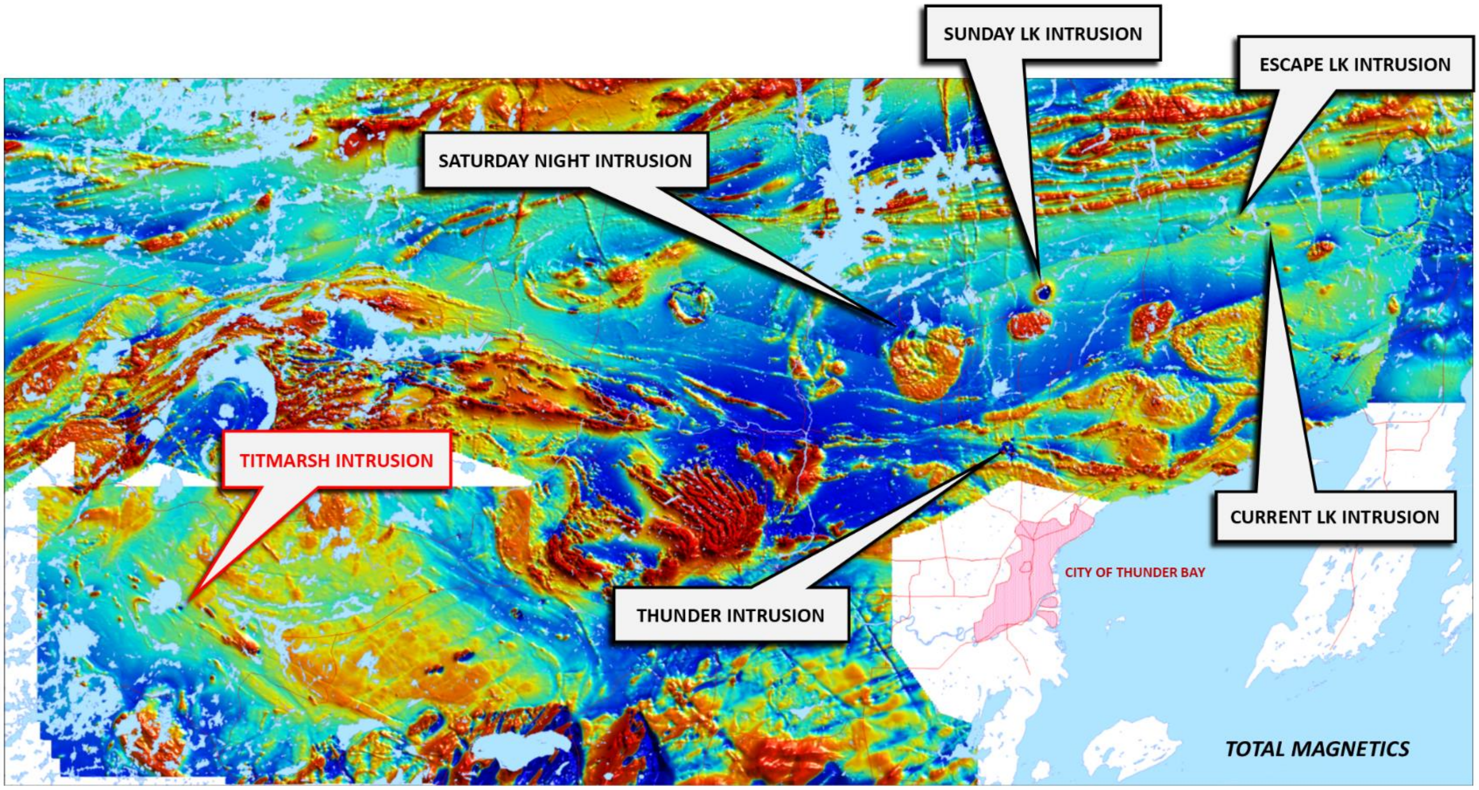


Figure 4: Regional magnetics

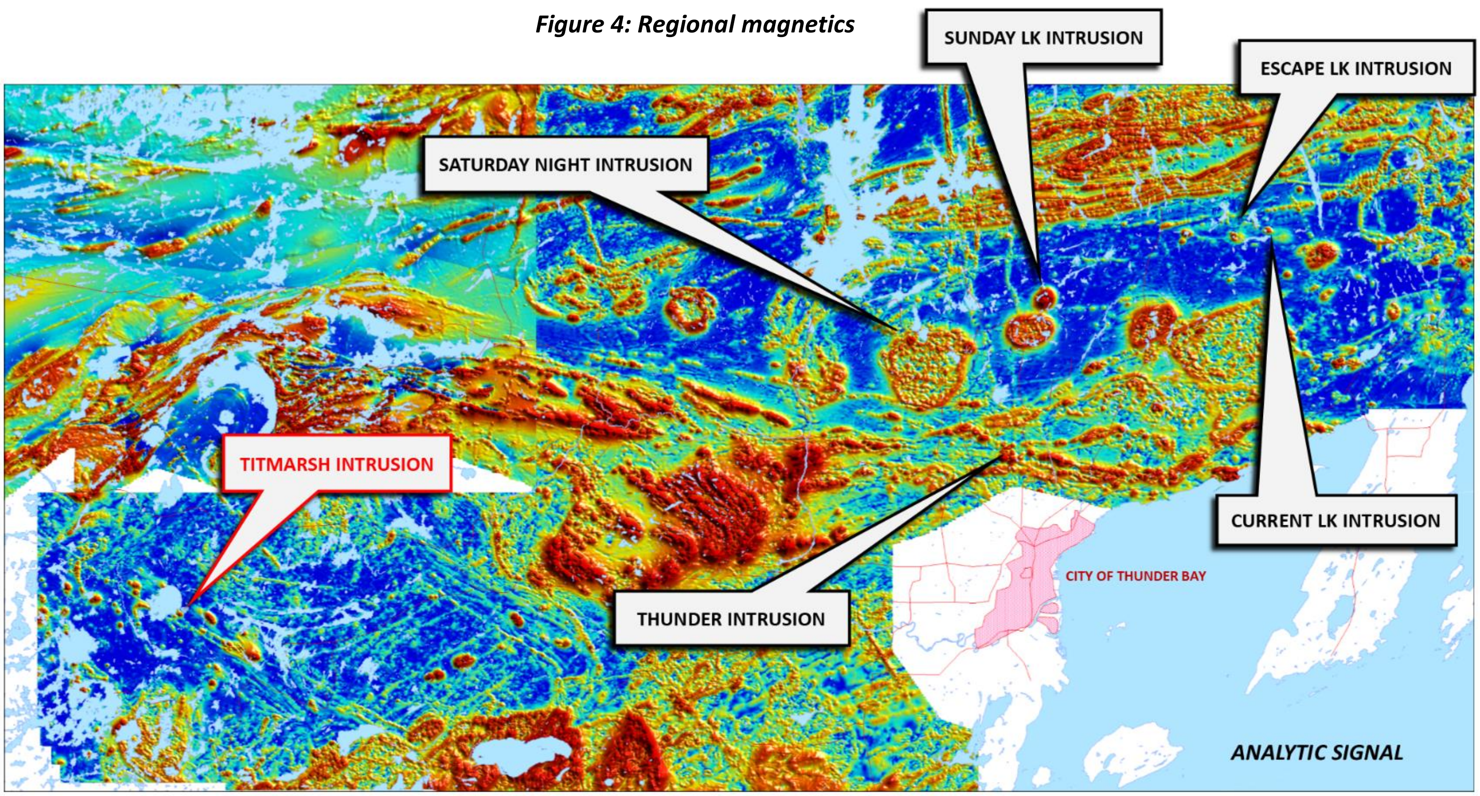


Figure 5: Regional analytic signal

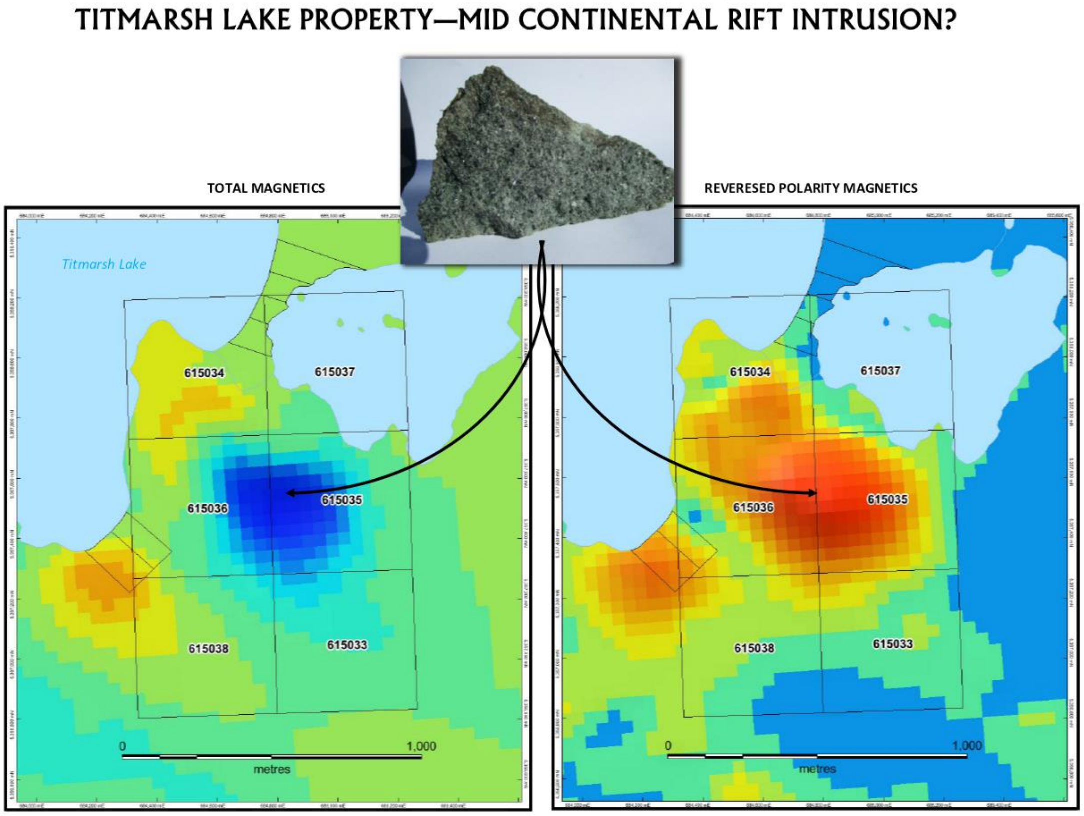


Figure 6: Titmarsh magnetics vs analytic signal

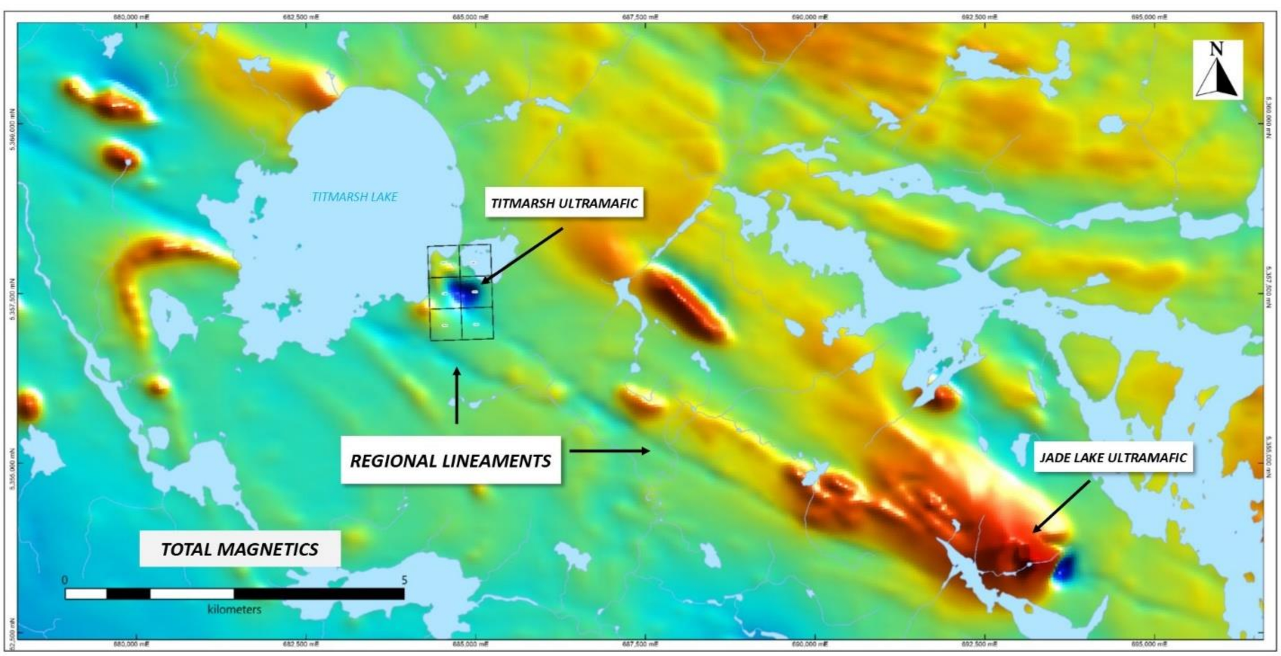
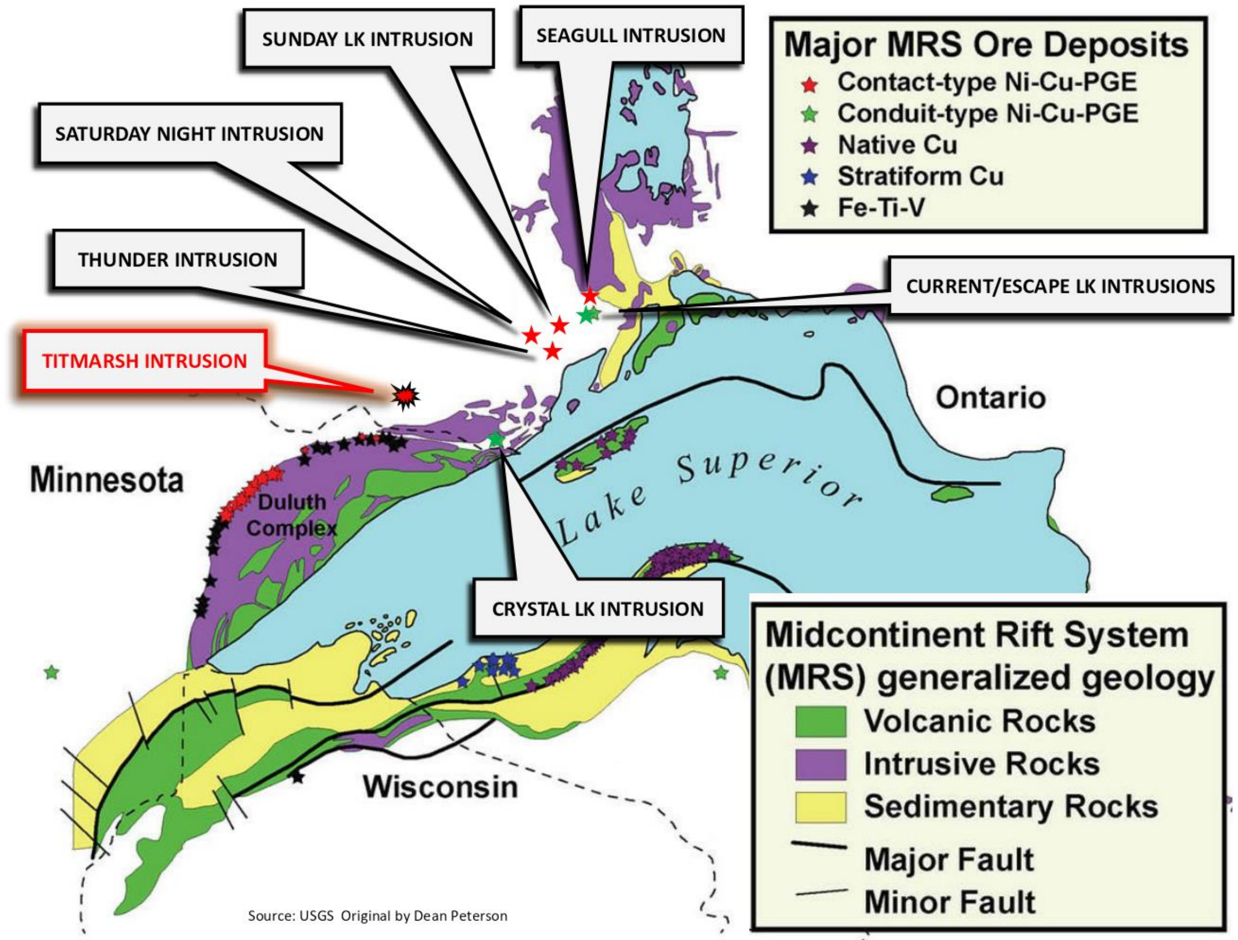


Figure 7: Titmarsh Magnetics on Lineament



7.0 2022 FIELD WORK

The objective of the prospecting/mapping was to ground truth an interesting magnetic feature that had similar characteristics to other mineralized intrusions related to the MCR. The discovery of a reversely polarized magnetic feature prompted Metals Creek to stake it to be investigated.

Work by Metals Creek Resources consisted of 2 days of prospecting and reconnaissance geological mapping to identify the staked magnetic feature in question. The work commenced on August 11, 2022 for a total of 4 man-days in the field. Mike MacIsaac and Don Heerema conducted the field work as day trips from Thunder Bay.

Seeing as the project is new to Metals Creek, the objective of the program was to ground truth the magnetic anomaly (reversed polarity) and gain geological knowledge of the property as well identify areas of magmatic sulphide mineralization. As a result of the field investigation, it turns out the reversely polarized magnetic feature is in fact a mafic/ultramafic body that could potentially host basal magmatic sulphide mineralization.

There were no grid lines cut so traverse loops were made in areas of higher ground to cover areas with the greatest potential of outcrop exposure. Handheld Garmin GPS units were used to record the traverse tracks and mark waypoints.

Grab samples were collected from areas of mafic/ultramafic outcrops over as much of the intrusion as possible to collect a representative suite of rocks for geochemical analysis. A total of 14 grab samples were collected and analyzed for PGE's and multi-elements.

Table 2: Sample Compilation

Sample	*Easting*	*Northing*	*Description*
TL22-001	684670.702	5357476.23	med-c grained pyroxenite, massive, euhedral grains, 3-4% orange k-spar, dark green
TL22-002	684707.657	5357484.78	f-med grained pyroxenite, massive, greenish in colouration, 2-3% orange k-spar
TL22-003	684588.247	5357541.75	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag
TL22-004	684622.051	5357720.2	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag
TL22-005	684824.354	5357887.21	finer-grained pyroxenite with 5-6% slightly coarser hornblende crystals, no plag
TL22-006	684897.196	5357866.33	med-c grained pyroxenite/melanogabbro, massive, greenish glassy olivines, fresher looking, 9-10% plag
TL22-007	684737.466	5357589.88	med-c grained pyroxenite, weakly varitextured, some laths to 8mm in length
TM22-001	684774.952	5357540.96	med-grained melanogabbro, dark green, pyroxenite texture
TM22-002	684825.693	5357533.13	med-grained to porphyritic pyroxenite, dark green, poikoblasts of pyroxenes
TM22-003	684875.39	5357560.79	med-grained melanogabbro/pyroxenite, dark green, massive
TM22-004	684862.455	5357538.97	med-grained pyroxenite, dark green, massive
TM22-005	684811.426	5357553.35	med-grained melanogabbro, dark green, massive
TM22-006	684745.034	5357557.86	f-grained, black melanogabbro, edge of swamp
TM22-007	684691.04	5357500.59	med-grained pyroxenite, slightly porphyritic, buff green

Table 3: Daily Work Record

Person	*Date*	*Work Description*	*Samples*
Don Heerema	August 11, 2022	traversed 4.5km south in NW direction toward Titmarsh and Hashie Lakes	TL22-001 to TL22-007
Mike MacIsaac	August 11, 2022	traversed 4.2km northward to east central area and Hashie Lake	TM22-001 to TL22-003
Don Heerema	August 12, 2022	traversed 2.8km to western and southwestern portion of claims	
Mike MacIsaac	August 12, 2022	Traversed 2.8km from road up eastern boundary toward Hashie Lake	TM22-004 to TM22-007

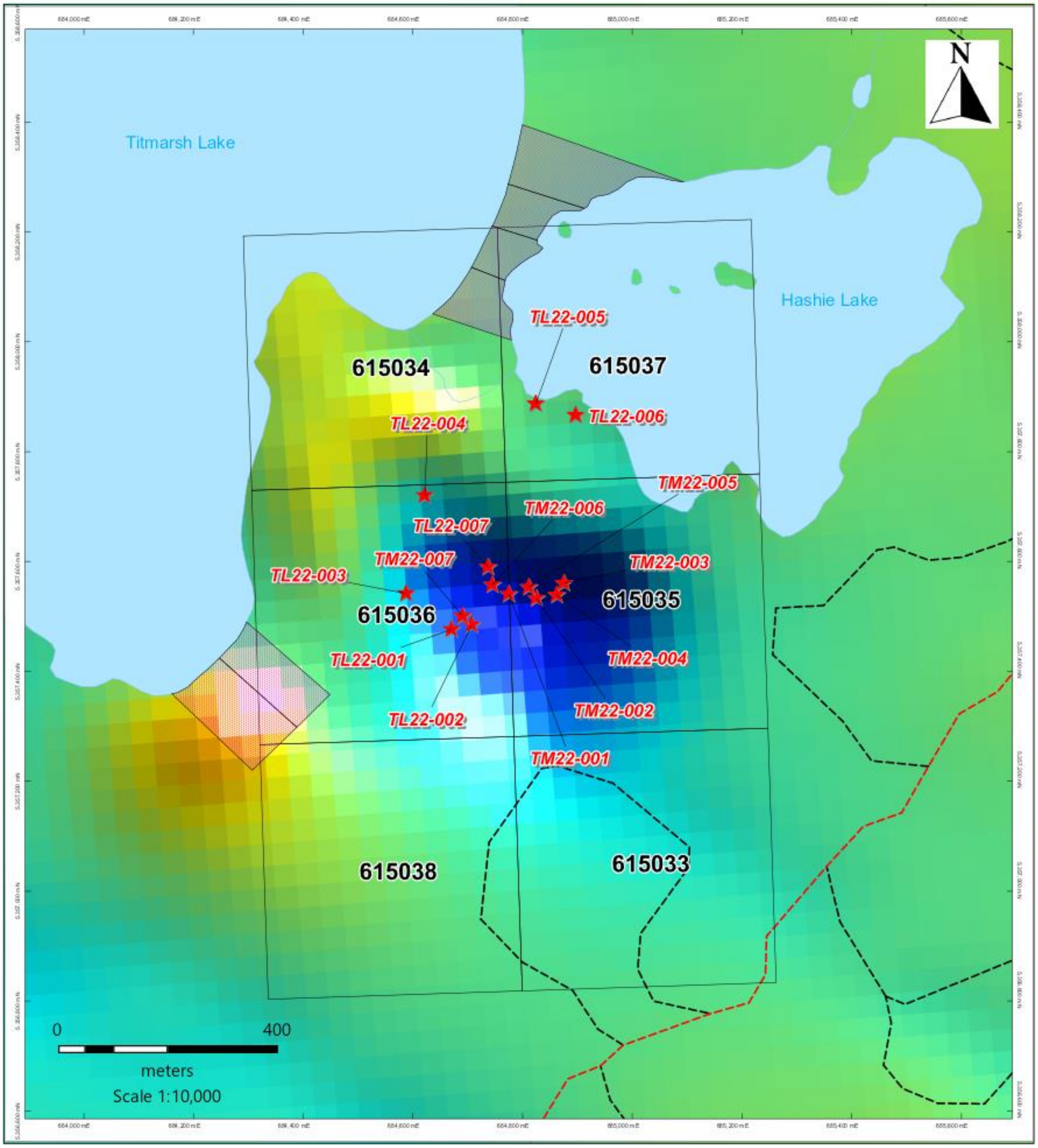


Figure 8: Sample Location Map

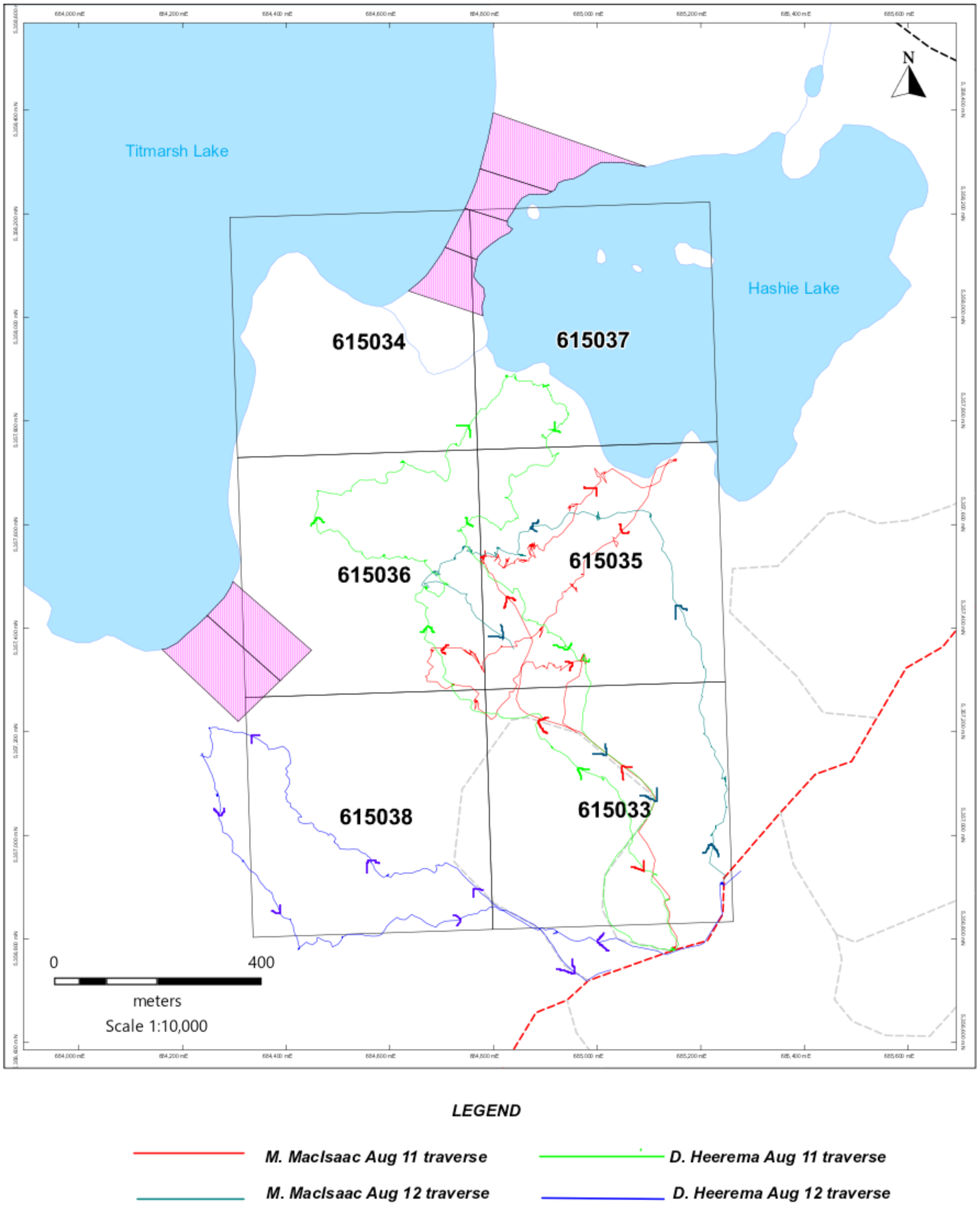


Figure 9: Traverse Map

8.0 FIELD OBSERVATIONS/PROPERTY GEOLOGY

The prospecting/mapping initiative resulted in the discovery of a mafic/ultramafic intrusion with a reversely polarized magnetic signature within a sea of granite and granite gneisses. The intrusion is approximately 420m x 380m in surface expression, although no intrusion contacts or alteration halos were observed in the field. It's very likely the intrusion is slightly ovoid with its long axis oriented in a northwest fashion, akin to the regional fabric and orientation of regional structures. Mapping of the intrusion shows the magnetic low signature to be directly related to the intrusion.

The mafic/ultramafic body consists mainly of a medium-grained, massive pyroxenite with a deep green colouration, +/- olivine and no deformation. Grain size is fairly equigranular and the rocks are rather homogenous with local areas of slight fining in grain size. A slight increase in plagioclase locally results in melanogabbro that might represent differential layering with narrow surface expressions. No sulphide mineralization of any kind was observed in the surface outcrops. Observed closer to Hashie Lake are outcrops with a weathered surface that resembles an 'elephant skin' texture.

typical hornblendite from the Titmarsh mafic/ultramafic intrusion

The granites observed were the least abundant and consist of biotite, plagioclase, potassic feldspar and quartz. Often a weak fabric is evident with a soft pinkish colouration.

Granite gneiss is very common around the intrusion with a general banding between 300-315 degrees. The gneiss is variable from more leucocratic and melanocratic segregations and unmineralized. The rocks are medium-grained, phaneritic and composed of biotite, plagioclase, potassic feldspars and quartz. Finer-grained rafts of amphibolite/mafic volcanic material and local migmatization is not uncommon within.

granite gneiss surrounding the Titmarsh mafic/ultramafic intrusion

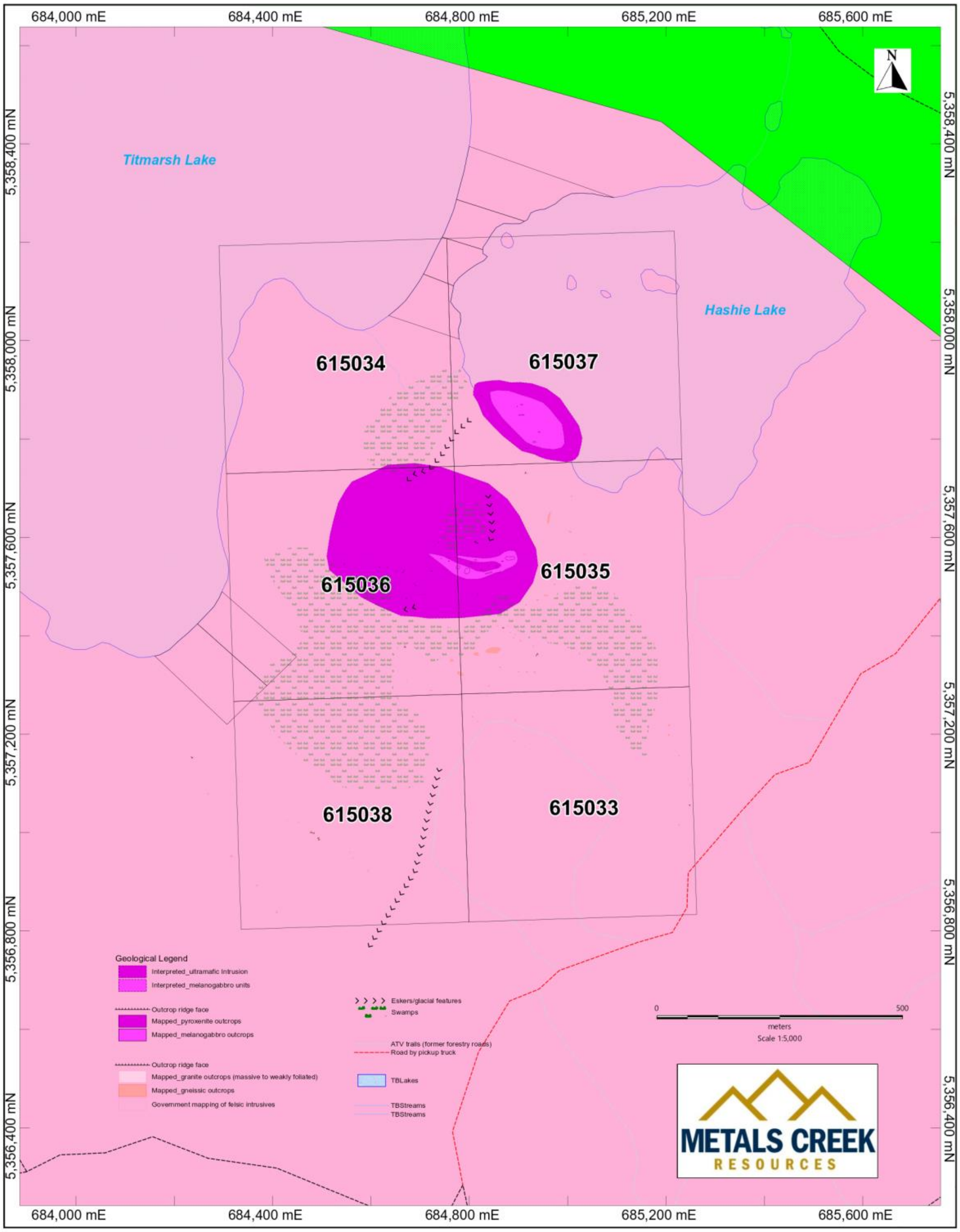


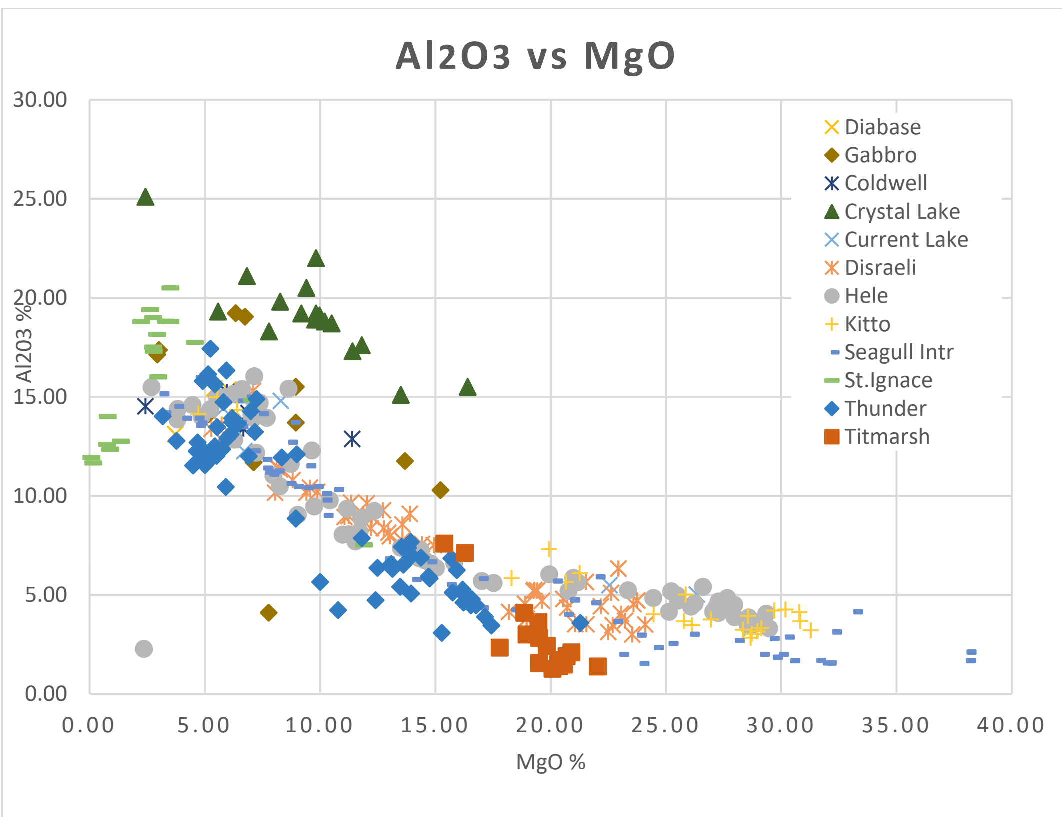
Figure 10: Geological Mapping

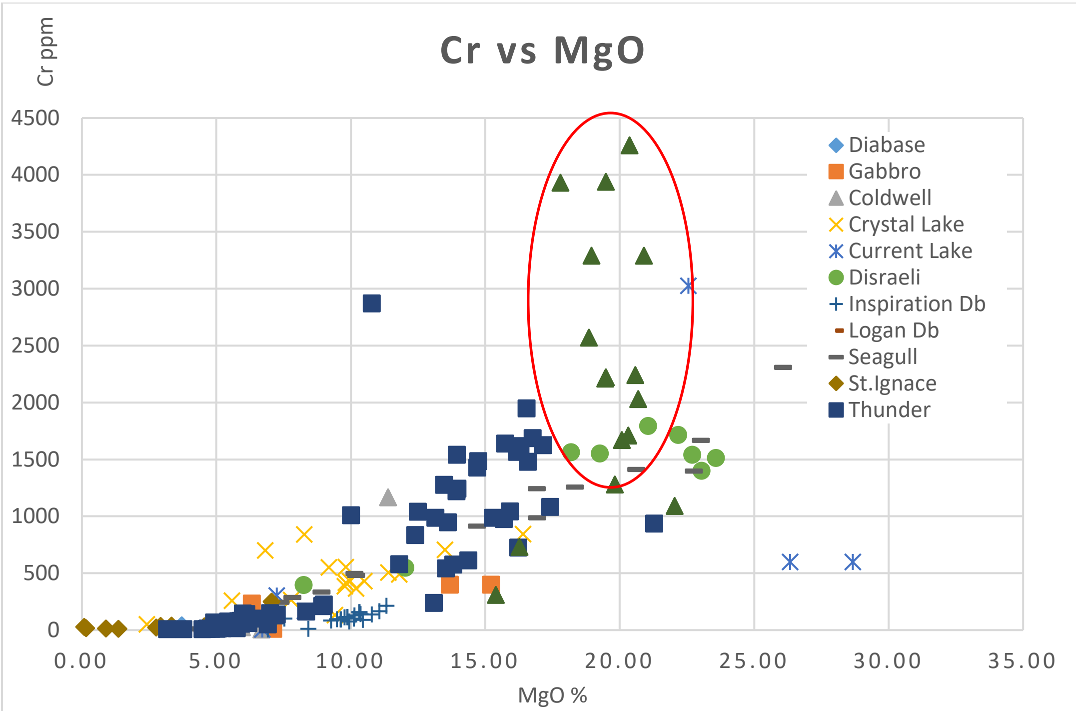
9.0 CONCLUSIONS AND RECOMMENDATIONS

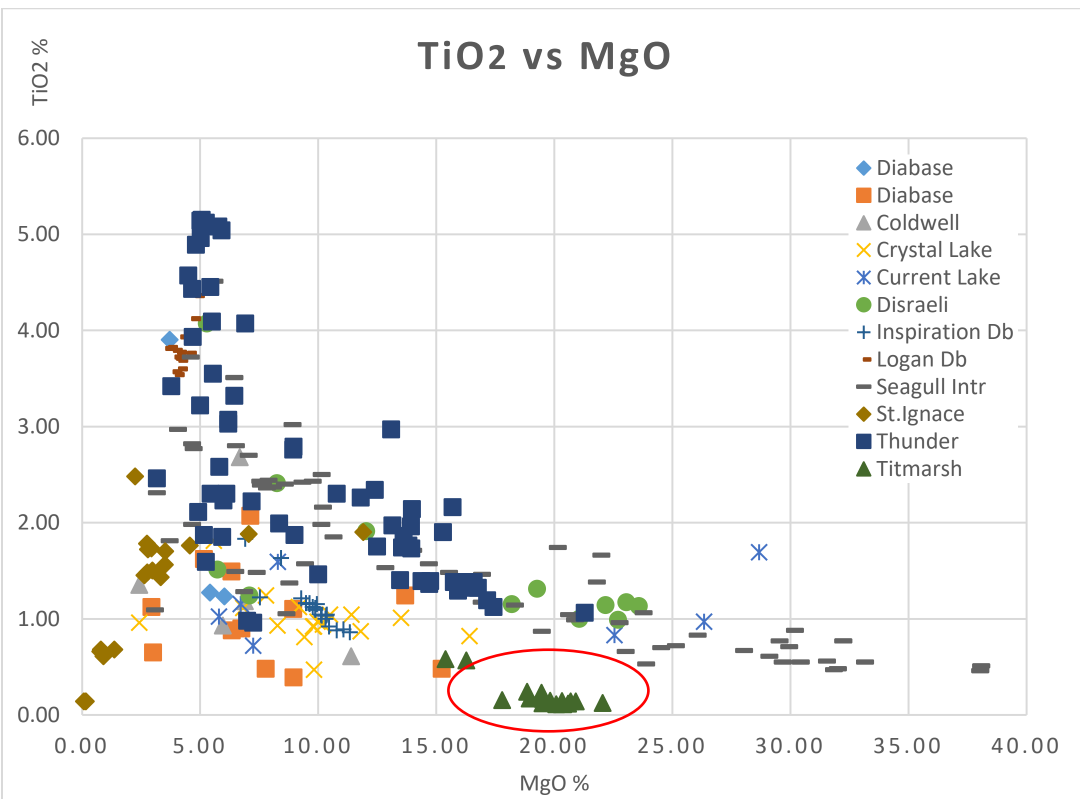
The resulting discovery of a mafic-ultramafic intrusion with a reversely polarized magnetic signature is highly encouraging along with favourable geochemical signatures like that of other MCR intrusions. The timing of emplacement; Proterozoic and potentially early rift (reversed polarity) could be key for hosting significant sulphide mineralization; however, it's located in granite/gneiss host and not sediments so a lack of sulphur source could be significant.

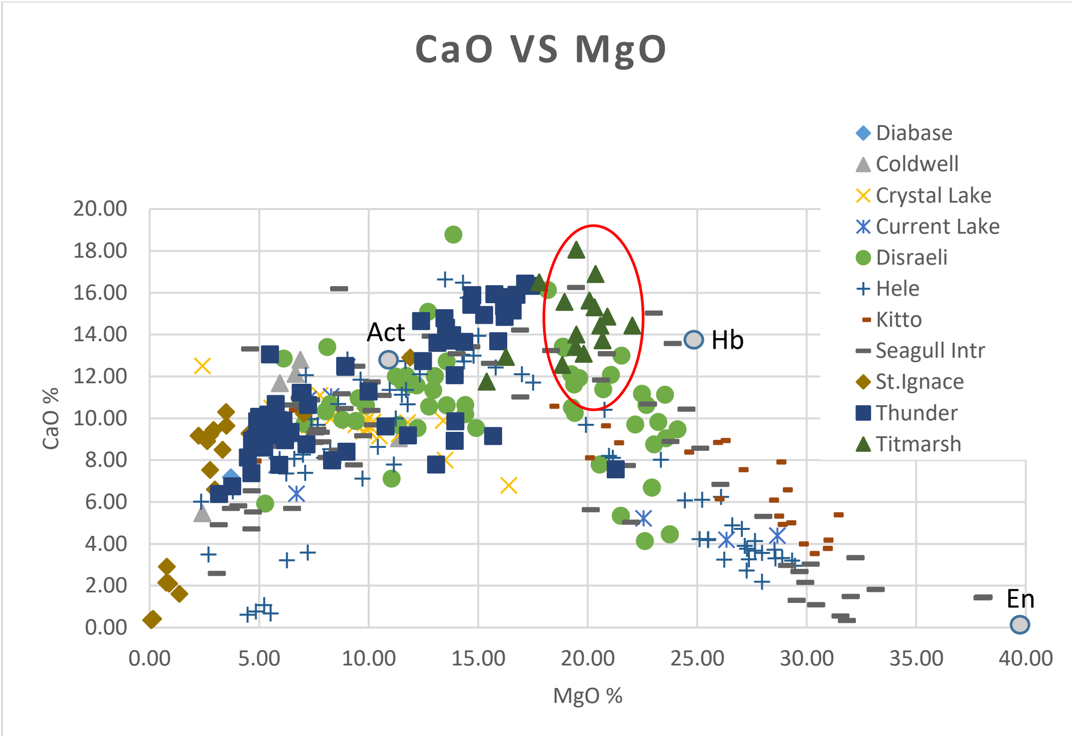
Although not economic in grade at surface, this intrusion shows weakly anomalous PGE (platinum group elements) mineralization, that could be an indication of fertile intrusion. To date, the data shows slightly elevated platinum (Pt) and palladium (Pd), with combined values to 0.198g/t within the more melanocratic gabbro portions of the intrusion. In fact, the most anomalous sample of 0.198g/t was attained from within the portion of the intrusion with the highest plagioclase content at 9-10%. It is conceivable that the melanogabbro portions of the intrusion might be the result of layering/reefs within the intrusion and favorable host to significant sulphide mineralization deeper in the intrusion. Very few of the MCR intrusions in the Thunder Bay Area have sulphide mineralization; most have basal sulphides or stratified reefs. This intrusion could be very well be analogous to the others of this type.

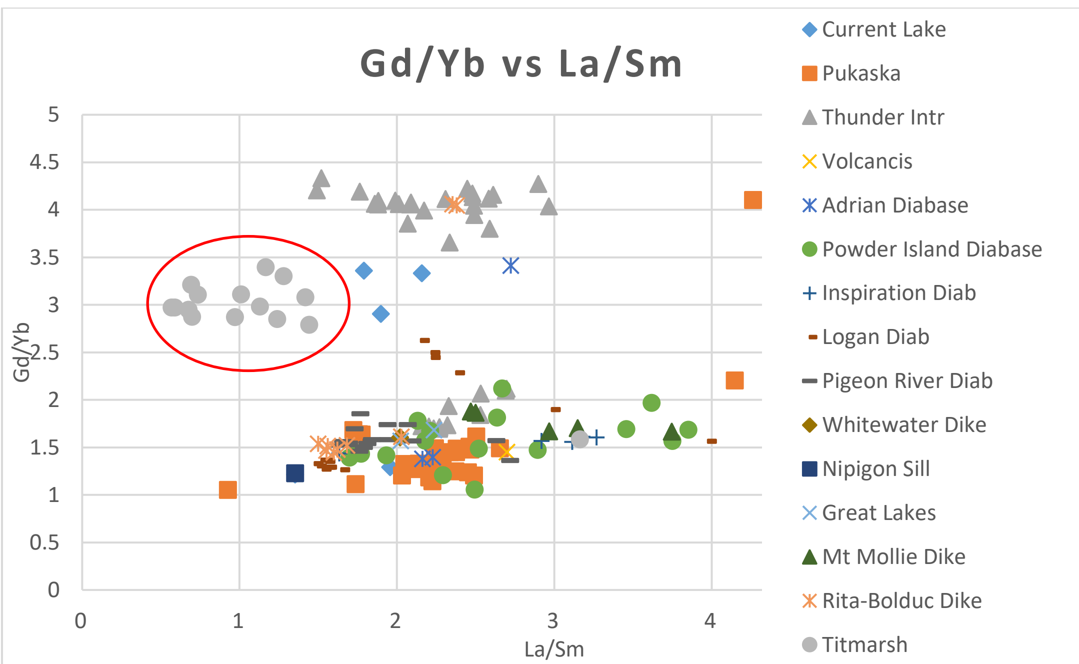
The 'early-rift' suite is distinguished from other MCR intrusions geochemically; containing elevated levels of Cr, TiO_2, Gd/Yb and depleted levels of Al_2O_3 (Flank 2013).




Cr vs MgO
Cr ppm
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
MgO %
Diabase
Gabbro
Coldwell
Crystal Lake
Current Lake
Disraeli
Inspiration Db
Logan Db
Seagull
St.Ignace
Thunder


TiO2 vs MgO
TiO2 %
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
MgO %
Diabase
Diabase
Coldwell
Crystal Lake
Current Lake
Disraeli
Inspiration Db
Logan Db
Seagull Intr
St.Ignace
Thunder
Titmarsh





Chondrite-normalized rare earth element ratio calculated from the values of Taylor and McLennan (1985)

Based upon the geochemical data attained from the sampling program, it could be concluded that the intrusion fits the general model of a mid-continent rift intrusion with characteristics of elevated Cr and Gd/Yb values and depleted Al_2O_3. However, the TiO_2 is anomalously low compared to other intrusions. Graph 5 (CaO vs MgO) illustrates the mineralogy of the intrusion to be closer to the hornblende end member (hornblendite). The last graph plots the Titmarsh intrusion with other MCR intrusions and not with diabase sills and dikes of the region. Generally speaking, the data shows Titmarsh to be quite similar to geochemistry to the ultramafic portion of the Thunder Intrusion.

Further work is warranted. Work moving forward should consist of line cutting/mapping, geophysics and ultimately diamond drilling.

Line-cutting is recommended across the entire intrusion on 50m spaced lines for the purpose of detailed mapping, to look for slight changes in mineralogy and the potential of subtle layering or reefs that might be exposed at surface. Approximately twelve lines of 1 kilometer in length on a northeast-southwest fashion should give great coverage of the entire intrusion.

Although a small intrusion, I would advocate strongly for the use of highly sensitive airborne magnetics and electromagnetic surveys to better map the boundaries of the intrusion and attempt to identify basal magmatic sulphides at depth respectively. Should electromagnetic conductors be located, perhaps a small magnetotellurics survey could be justified to better map the basal portion of the intrusion.

Diamond drilling is contingent upon the results of the geophysical surveys. Should conductors be generated by means of electromagnetic or magnetotellurics, then drilling is a must to test for magmatic sulphides and the existence of Cu-Ni-PGE’s.

10.0 REFERENCES

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Trevison, B., Hollings, P., and Ames, DE., Geology and mineralization of the Thunder intrusion, Thunder Bay, Ontario – Field Trip 10

Trevison, B., 2014. The petrology, mineralization and regional context of the Thunder mafic to ultramafic intrusion, Midcontinental Rift, Thunder Bay, Ontario

11.0 STATEMENT OF QUALIFICATIONS

I, Don Heerema Jr., hereby certify that:

1. I am a practicing geologist in Thunder Bay, Ontario and reside at 26 Burriss St., Thunder Bay, Ontario, P7A 3C9.

2. I am a graduate of Lakehead University with a HBSc. in Geology 2002.

3. I am a Canadian Citizen.

4. I have practiced my profession full time since graduation in 2002.

5. I am a practicing member of the Association of Professional Geoscientists of Ontario. (Registration #1528)

6. I do not have, nor do I expect to receive, directly or indirectly, any interest in the properties of Metals Creek Resources Corp.

Signature:

Date: November 7, 2022

APPENDIX I

Sample Compilation Data

Sample	Easting	Northing	Coordinate	Date (yr/m/d)	Description	Pt g/t	Pd g/t	Au g/t	PGE's g/t	PGE + Au g/t	SiO_2 %	Al_2O_3 %	$Fe_2O_3(T)$ %	MnO %	MgO %	CaO %	Na_2O %	K_2O %	TiO_2 %	P_2O_5 %	LOI %	Total %
TL22-001	684670.7	5357476.2	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, massive, euhdral grains, 3-4% orange k-spar, dark green	0.008	0.012	0.003	0.020	0.023	50.37	7.58	10.94	0.183	15.39	11.75	1.36	0.83	0.579	0.16	1.46	100.6
TL22-002	684707.7	5357484.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive, greenish in colouration, 2-3% orange k-spar	0.003	0.003	0.003	0.006	0.009	54.04	2.81	6.56	0.148	19.49	14.01	0.75	0.27	0.167	0.02	1.72	99.98
TL22-003	684588.2	5357541.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	0.004	0.004	0.003	0.008	0.011	53.04	4.1	7.43	0.16	18.85	12.55	0.91	0.54	0.24	0.08	2.03	99.92
TL22-004	684622.1	5357720.2	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	0.003	0.003	0.004	0.006	0.010	52.64	1.39	5.76	0.131	20.37	16.89	0.47	0.05	0.11	< 0.01	2.09	99.92
TL22-005	684824.4	5357887.2	NAD83 Zone15	2022-08-11	finer-grained pyroxenite with 5-6% slightly coarser hornblende crystals, no plag	0.006	0.010	0.004	0.016	0.020	53.01	1.48	6.37	0.149	20.58	14.44	0.4	0.09	0.116	< 0.01	3.33	99.96
TL22-006	684897.2	5357866.3	NAD83 Zone15	2022-08-11	med-c grained pyroxenite/melanogabbro, massive, greenish glassy olivines, fresher looking, 9-10% plag	0.096	0.089	0.013	0.185	0.198	52.81	1.38	8.35	0.17	22.04	14.44	0.29	0.03	0.123	0.02	0.87	100.5
TL22-007	684737.5	5357589.9	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, weakly varitextured, some laths to 8mm in length	0.004	0.004	0.004	0.008	0.012	52.65	1.55	5.55	0.135	19.49	18.06	0.5	0.08	0.119	< 0.01	1.53	99.66
TM22-001	684775.0	5357541.0	NAD83 Zone15	2022-08-11	med-grained melanogabbro, dark green, pyroxenite texture	0.013	0.020	0.005	0.033	0.038	53.05	1.7	7.41	0.16	20.32	15.31	0.4	0.09	0.144	0.01	1.25	99.83
TM22-002	684825.7	5357533.1	NAD83 Zone15	2022-08-11	med-grained to porphyritic pyroxenite, dark green, poikoblasts of pyroxenes	0.003	0.002	0.003	0.005	0.008	53.46	3	6.41	0.159	18.95	15.56	0.75	0.16	0.17	0.04	1.74	100.4
TM22-003	684875.4	5357560.8	NAD83 Zone15	2022-08-11	med-grained melanogabbro/pyroxenite, dark green, massive	0.002	0.001	0.003	0.003	0.006	53.79	2.34	6.41	0.16	17.79	16.5	0.71	0.16	0.152	0.04	1.34	99.39
TM22-004	684862.5	5357539.0	NAD83 Zone15	2022-08-12	med-grained pyroxenite, dark green, massive	0.002	0.003	0.003	0.005	0.008	52.94	2.09	6.47	0.142	20.9	14.86	0.54	0.13	0.141	0.06	1.99	100.3
TM22-005	684811.4	5357553.3	NAD83 Zone15	2022-08-12	med-grained melanogabbro, dark green, massive	0.014	0.012	0.004	0.026	0.030	53.3	1.89	6.85	0.159	20.69	13.73	0.47	0.13	0.141	0.09	2.12	99.58
TM22-006	684745.0	5357557.9	NAD83 Zone15	2022-08-12	f-grained, black melanogabbro, edge of swamp	0.027	0.020	0.003	0.047	0.050	53.72	1.26	6.5	0.146	20.08	15.62	0.35	0.05	0.109	< 0.01	1.95	99.79
TM22-007	684691.0	5357500.6	NAD83 Zone15	2022-08-12	med-grained pyroxenite, slightly porphyritic, buff green	0.004	0.003	0.004	0.007	0.011	54.35	2.41	6.92	0.156	19.82	13.09	0.57	0.22	0.147	0.02	2.08	99.77

Sample	Easting	Northing	Coordinate	Date (yr/m/d)	Description	Sc ppm	Be ppm	V ppm	Cr ppm	Co ppm	Ni ppm	Cu ppm	Zn ppm	Ga ppm	Ge ppm	As ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	Mo ppm
TL22-001	684670.7	5357476.2	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, massive, euhdral grains, 3-4% orange k-spar, dark green	41	< 1	200	310	58	130	20	80	11	1.2	< 5	16	178	10.3	28	1.1	< 2
TL22-002	684707.7	5357484.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive, greenish in colouration, 2-3% orange k-spar	32	< 1	89	2220	51	200	< 10	40	4	1.4	< 5	5	100	3.4	15	< 0.2	< 2
TL22-003	684588.2	5357541.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	32	< 1	103	2570	53	270	< 10	50	5	1.2	< 5	17	142	4.8	16	0.4	< 2
TL22-004	684622.1	5357720.2	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	33	< 1	70	4260	47	330	< 10	< 30	2	1.3	< 5	2	76	2.7	5	< 0.2	< 2
TL22-005	684824.4	5357887.2	NAD83 Zone15	2022-08-11	finer-grained pyroxenite with 5-6% slightly coarser hornblende crystals, no plag	35	< 1	82	2240	52	270	< 10	30	2	1.3	< 5	1	78	3	6	< 0.2	< 2
TL22-006	684897.2	5357866.3	NAD83 Zone15	2022-08-11	med-c grained pyroxenite/melanogabbro, massive, greenish glassy olivines, fresher looking, 9-10% plag	43	< 1	101	1090	81	450	460	40	2	1.3	< 5	1	63	2.9	4	< 0.2	< 2
TL22-007	684737.5	5357589.9	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, weakly varitextured, some laths to 8mm in length	35	< 1	74	3940	44	270	< 10	< 30	3	1.4	< 5	2	91	3.2	5	< 0.2	< 2
TM22-001	684775.0	5357541.0	NAD83 Zone15	2022-08-11	med-grained melanogabbro, dark green, pyroxenite texture	39	< 1	100	1710	50	220	< 10	40	3	1.2	< 5	3	76	3.2	5	< 0.2	< 2
TM22-002	684825.7	5357533.1	NAD83 Zone15	2022-08-11	med-grained to porphyritic pyroxenite, dark green, poikoblasts of pyroxenes	34	< 1	88	3290	47	250	< 10	50	5	1.2	< 5	1	75	3.6	15	0.4	< 2
TM22-003	684875.4	5357560.8	NAD83 Zone15	2022-08-11	med-grained melanogabbro/pyroxenite, dark green, massive	39	< 1	89	3930	46	240	< 10	50	5	1.5	< 5	2	77	4	9	0.5	< 2
TM22-004	684862.5	5357539.0	NAD83 Zone15	2022-08-12	med-grained pyroxenite, dark green, massive	30	< 1	76	3290	52	360	< 10	40	3	1.3	< 5	1	75	3.3	7	0.2	< 2
TM22-005	684811.4	5357553.3	NAD83 Zone15	2022-08-12	med-grained melanogabbro, dark green, massive	34	< 1	80	2030	52	230	< 10	40	3	1.4	< 5	2	66	3	7	< 0.2	< 2
TM22-006	684745.0	5357557.9	NAD83 Zone15	2022-08-12	f-grained, black melanogabbro, edge of swamp	40	< 1	83	1670	52	230	< 10	< 30	2	1.3	< 5	1	58	2.6	4	< 0.2	< 2
TM22-007	684691.0	5357500.6	NAD83 Zone15	2022-08-12	med-grained pyroxenite, slightly porphyritic, buff green	35	< 1	92	1280	54	230	< 10	40	3	1.3	< 5	3	216	3.5	13	0.2	< 2

Sample	Easting	Northing	Coordinate	Date (yr/m/d)	Description	Ag ppm	In ppm	Sn ppm	Sb ppm	Cs ppm	Ba ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm
TL22-001	684670.7	5357476.2	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, massive, euhdral grains, 3-4% orange k-spar, dark green	< 0.5	< 0.1	1	0.5	0.2	185	4.49	16.5	2.97	15.6	3.85	1.04	3.14	0.43	2.15	0.38	0.95
TL22-002	684707.7	5357484.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive, greenish in colouration, 2-3% orange k-spar	< 0.5	< 0.1	< 1	< 0.2	0.1	37	2.48	6.69	1	4.85	1.22	0.358	1.14	0.15	0.81	0.15	0.38
TL22-003	684588.2	5357541.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	< 0.5	< 0.1	< 1	0.4	0.4	100	4.1	10.6	1.51	7.21	1.79	0.477	1.41	0.2	1.02	0.18	0.43
TL22-004	684622.1	5357720.2	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	< 0.5	< 0.1	< 1	< 0.2	0.2	18	0.92	2.97	0.53	2.81	0.83	0.258	0.78	0.11	0.57	0.1	0.23
TL22-005	684824.4	5357887.2	NAD83 Zone15	2022-08-11	finer-grained pyroxenite with 5-6% slightly coarser hornblende crystals, no plag	< 0.5	< 0.1	< 1	0.3	< 0.1	9	1.89	4.86	0.75	3.77	1.02	0.274	0.88	0.13	0.69	0.11	0.26
TL22-006	684897.2	5357866.3	NAD83 Zone15	2022-08-11	med-c grained pyroxenite/melanogabbro, massive, greenish glassy olivines, fresher looking, 9-10% plag	< 0.5	< 0.1	< 1	< 0.2	0.1	15	0.73	2.51	0.47	2.61	0.81	0.227	0.77	0.11	0.57	0.1	0.27
TL22-007	684737.5	5357589.9	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, weakly varitextured, some laths to 8mm in length	< 0.5	< 0.1	< 1	0.3	0.1	19	1.2	4.03	0.69	3.84	1.09	0.296	0.95	0.14	0.75	0.12	0.29
TM22-001	684775.0	5357541.0	NAD83 Zone15	2022-08-11	med-grained melanogabbro, dark green, pyroxenite texture	< 0.5	< 0.1	< 1	< 0.2	0.1	29	0.99	3.43	0.62	3.65	1.06	0.296	0.88	0.13	0.7	0.13	0.3
TM22-002	684825.7	5357533.1	NAD83 Zone15	2022-08-11	med-grained to porphyritic pyroxenite, dark green, poikoblasts of pyroxenes	< 0.5	< 0.1	< 1	0.3	< 0.1	27	2.08	6.01	0.94	4.67	1.16	0.307	1.03	0.16	0.79	0.13	0.33
TM22-003	684875.4	5357560.8	NAD83 Zone15	2022-08-11	med-grained melanogabbro/pyroxenite, dark green, massive	< 0.5	< 0.1	< 1	< 0.2	0.1	26	2.84	7.36	1.08	5.28	1.26	0.352	1.14	0.16	0.86	0.15	0.36
TM22-004	684862.5	5357539.0	NAD83 Zone15	2022-08-12	med-grained pyroxenite, dark green, massive	< 0.5	< 0.1	< 1	0.4	0.1	19	1.65	4.74	0.75	3.83	1.03	0.287	0.92	0.13	0.68	0.11	0.29
TM22-005	684811.4	5357553.3	NAD83 Zone15	2022-08-12	med-grained melanogabbro, dark green, massive	< 0.5	< 0.1	< 1	< 0.2	0.1	32	1.51	4.44	0.68	3.51	0.98	0.277	0.85	0.13	0.65	0.1	0.27
TM22-006	684745.0	5357557.9	NAD83 Zone15	2022-08-12	f-grained, black melanogabbro, edge of swamp	< 0.5	< 0.1	< 1	0.5	0.1	14	0.89	2.91	0.51	2.79	0.83	0.266	0.8	0.11	0.59	0.1	0.24
TM22-007	684691.0	5357500.6	NAD83 Zone15	2022-08-12	med-grained pyroxenite, slightly porphyritic, buff green	< 0.5	< 0.1	< 1	< 0.2	0.1	45	2.44	6.09	0.93	4.74	1.24	0.348	1.02	0.15	0.8	0.13	0.31

Sample	Easting	Northing	Coordinate	Date (yr/m/d)	Description	Tm ppm	Yb ppm	Lu ppm	Hf ppm	Ta ppm	W ppm	Tl ppm	Pb ppm	Bi ppm	Th ppm	U ppm
TL22-001	684670.7	5357476.2	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, massive, euhdral grains, 3-4% orange k-spar, dark green	0.125	0.82	0.129	1	0.04	1.5	0.08	< 5	< 0.1	0.17	0.07
TL22-002	684707.7	5357484.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive, greenish in colouration, 2-3% orange k-spar	0.048	0.28	0.04	0.3	0.03	< 0.5	< 0.05	< 5	< 0.1	0.21	0.06
TL22-003	684588.2	5357541.8	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	0.06	0.41	0.07	0.4	0.01	< 0.5	0.06	< 5	< 0.1	0.27	0.07
TL22-004	684622.1	5357720.2	NAD83 Zone15	2022-08-11	f-med grained pyroxenite, massive and generally equigranular, dark green, <0.5% plag	0.031	0.22	0.041	0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.01
TL22-005	684824.4	5357887.2	NAD83 Zone15	2022-08-11	finer-grained pyroxenite with 5-6% slightly coarser hornblende crystals, no plag	0.032	0.21	0.037	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.01
TL22-006	684897.2	5357866.3	NAD83 Zone15	2022-08-11	med-c grained pyroxenite/melanogabbro, massive, greenish glassy olivines, fresher looking, 9-10% plag	0.037	0.21	0.039	< 0.1	< 0.01	2.4	0.08	< 5	< 0.1	< 0.05	0.01
TL22-007	684737.5	5357589.9	NAD83 Zone15	2022-08-11	med-c grained pyroxenite, weakly varitextured, some laths to 8mm in length	0.037	0.24	0.045	0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.05	0.01
TM22-001	684775.0	5357541.0	NAD83 Zone15	2022-08-11	med-grained melanogabbro, dark green, pyroxenite texture	0.038	0.24	0.039	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.06	0.02
TM22-002	684825.7	5357533.1	NAD83 Zone15	2022-08-11	med-grained to porphyritic pyroxenite, dark green, poikoblasts of pyroxenes	0.044	0.28	0.044	0.4	0.01	< 0.5	< 0.05	< 5	< 0.1	0.19	0.07
TM22-003	684875.4	5357560.8	NAD83 Zone15	2022-08-11	med-grained melanogabbro/pyroxenite, dark green, massive	0.048	0.3	0.048	0.3	0.01	< 0.5	< 0.05	< 5	< 0.1	0.2	0.11
TM22-004	684862.5	5357539.0	NAD83 Zone15	2022-08-12	med-grained pyroxenite, dark green, massive	0.039	0.24	0.038	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.11	0.04
TM22-005	684811.4	5357553.3	NAD83 Zone15	2022-08-12	med-grained melanogabbro, dark green, massive	0.036	0.24	0.04	0.2	0.01	< 0.5	< 0.05	< 5	< 0.1	0.11	0.04
TM22-006	684745.0	5357557.9	NAD83 Zone15	2022-08-12	f-grained, black melanogabbro, edge of swamp	0.033	0.22	0.036	0.1	< 0.01	0.7	< 0.05	< 5	< 0.1	< 0.05	0.03
TM22-007	684691.0	5357500.6	NAD83 Zone15	2022-08-12	med-grained pyroxenite, slightly porphyritic, buff green	0.042	0.29	0.049	0.4	0.01	< 0.5	< 0.05	< 5	< 0.1	0.18	0.05

APPENDIX II

ASSAY CERTIFICATES AND LITHO PLOTS

Report No.:	**A22-11646**
Report Date:	**21-Nov-22**
Date Submitted:	**16-Aug-22**
Your Reference:	**Jitmarsh**

Metals Creek Resources
1100 Memorial Ave.
Suite 329
Thunder Bay Ontario P7B 4A3
Canada

ATTN: Mike MacIsaac (Inv)

CERTIFICATE OF ANALYSIS

14 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-Exp	QOP PGE ICP-MS (Fire Assay-ICPMS)	2022-10-03 16:59:07
4LITHORES (1-10)	QOP WRA/ QOP WRA 4B2 (/Major/Trace Elements Fusion ICPOES/ICPMS)	2022-08-29 15:53:39

REPORT **A22-11646**

Notes:

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

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total. Zr is now being reported from FUS-ICP instead of FUS-MS.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

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

Analyte Symbol	Pd	Pt	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	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	10	30
Method Code	FA-MS	FA-MS	FA-MS	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	FUS-MS	FUS-MS	FUS-MS
TM22-001	20	13	5	53.05	1.70	7.41	0.160	20.32	15.31	0.40	0.09	0.144	0.01	1.25	99.83	39	< 1	100	1710	50	220	< 10	40
TM22-002	2	3	3	53.46	3.00	6.41	0.159	18.95	15.56	0.75	0.16	0.170	0.04	1.74	100.4	34	< 1	88	3290	47	250	< 10	50
TM22-003	1	2	3	53.79	2.34	6.41	0.160	17.79	16.50	0.71	0.16	0.152	0.04	1.34	99.39	39	< 1	89	3930	46	240	< 10	50
TM22-004	3	2	3	52.94	2.09	6.47	0.142	20.90	14.86	0.54	0.13	0.141	0.06	1.99	100.3	30	< 1	76	3290	52	360	< 10	40
TM22-005	12	14	4	53.30	1.89	6.85	0.159	20.69	13.73	0.47	0.13	0.141	0.09	2.12	99.58	34	< 1	80	2030	52	230	< 10	40
TM22-006	20	27	3	53.72	1.26	6.50	0.146	20.08	15.62	0.35	0.05	0.109	< 0.01	1.95	99.79	40	< 1	83	1670	52	230	< 10	< 30
TM22-007	3	4	4	54.35	2.41	6.92	0.156	19.82	13.09	0.57	0.22	0.147	0.02	2.08	99.77	35	< 1	92	1280	54	230	< 10	40
TL22-001	12	8	3	50.37	7.58	10.94	0.183	15.39	11.75	1.36	0.83	0.579	0.16	1.46	100.6	41	< 1	200	310	58	130	20	80
TL22-002	3	3	3	54.04	2.81	6.56	0.148	19.49	14.01	0.75	0.27	0.167	0.02	1.72	99.98	32	< 1	89	2220	51	200	< 10	40
TL22-003	4	4	3	53.04	4.10	7.43	0.160	18.85	12.55	0.91	0.54	0.240	0.08	2.03	99.92	32	< 1	103	2570	53	270	< 10	50
TL22-004	3	3	4	52.64	1.39	5.76	0.131	20.37	16.89	0.47	0.05	0.110	< 0.01	2.09	99.92	33	< 1	70	4260	47	330	< 10	< 30
TL22-005	10	6	4	53.01	1.48	6.37	0.149	20.58	14.44	0.40	0.09	0.116	< 0.01	3.33	99.96	35	< 1	82	2240	52	270	< 10	30
TL22-006	89	96	13	52.81	1.38	8.35	0.170	22.04	14.44	0.29	0.03	0.123	0.02	0.87	100.5	43	< 1	101	1090	81	450	460	40
TL22-007	4	4	4	52.65	1.55	5.55	0.135	19.49	18.06	0.50	0.08	0.119	< 0.01	1.53	99.66	35	< 1	74	3940	44	270	< 10	< 30

Analyte Symbol	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
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	1	0.5	5	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	2	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	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	FUS-MS	FUS-MS
TM22-001	3	1.2	< 5	3	76	3.2	5	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	29	0.99	3.43	0.62	3.65	1.06	0.296	0.88	0.13
TM22-002	5	1.2	< 5	1	75	3.6	15	0.4	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	27	2.08	6.01	0.94	4.67	1.16	0.307	1.03	0.16
TM22-003	5	1.5	< 5	2	77	4.0	9	0.5	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	26	2.84	7.36	1.08	5.28	1.26	0.352	1.14	0.16
TM22-004	3	1.3	< 5	1	75	3.3	7	0.2	< 2	< 0.5	< 0.1	< 1	0.4	0.1	19	1.65	4.74	0.75	3.83	1.03	0.287	0.92	0.13
TM22-005	3	1.4	< 5	2	66	3.0	7	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	32	1.51	4.44	0.68	3.51	0.98	0.277	0.85	0.13
TM22-006	2	1.3	< 5	1	58	2.6	4	< 0.2	< 2	< 0.5	< 0.1	< 1	0.5	0.1	14	0.89	2.91	0.51	2.79	0.83	0.266	0.80	0.11
TM22-007	3	1.3	< 5	3	216	3.5	13	0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	45	2.44	6.09	0.93	4.74	1.24	0.348	1.02	0.15
TL22-001	11	1.2	< 5	16	178	10.3	28	1.1	< 2	< 0.5	< 0.1	1	0.5	0.2	185	4.49	16.5	2.97	15.6	3.85	1.04	3.14	0.43
TL22-002	4	1.4	< 5	5	100	3.4	15	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	37	2.48	6.69	1.00	4.85	1.22	0.358	1.14	0.15
TL22-003	5	1.2	< 5	17	142	4.8	16	0.4	< 2	< 0.5	< 0.1	< 1	0.4	0.4	100	4.10	10.6	1.51	7.21	1.79	0.477	1.41	0.20
TL22-004	2	1.3	< 5	2	76	2.7	5	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.2	18	0.92	2.97	0.53	2.81	0.83	0.258	0.78	0.11
TL22-005	2	1.3	< 5	1	78	3.0	6	< 0.2	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	9	1.89	4.86	0.75	3.77	1.02	0.274	0.88	0.13
TL22-006	2	1.3	< 5	1	63	2.9	4	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	15	0.73	2.51	0.47	2.61	0.81	0.227	0.77	0.11
TL22-007	3	1.4	< 5	2	91	3.2	5	< 0.2	< 2	< 0.5	< 0.1	< 1	0.3	0.1	19	1.20	4.03	0.69	3.84	1.09	0.296	0.95	0.14

Analyte Symbol	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	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
TM22-001	0.70	0.13	0.30	0.038	0.24	0.039	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.06	0.02
TM22-002	0.79	0.13	0.33	0.044	0.28	0.044	0.4	0.01	< 0.5	< 0.05	< 5	< 0.1	0.19	0.07
TM22-003	0.86	0.15	0.36	0.048	0.30	0.048	0.3	0.01	< 0.5	< 0.05	< 5	< 0.1	0.20	0.11
TM22-004	0.68	0.11	0.29	0.039	0.24	0.038	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.11	0.04
TM22-005	0.65	0.10	0.27	0.036	0.24	0.040	0.2	0.01	< 0.5	< 0.05	< 5	< 0.1	0.11	0.04
TM22-006	0.59	0.10	0.24	0.033	0.22	0.036	0.1	< 0.01	0.7	< 0.05	< 5	< 0.1	< 0.05	0.03
TM22-007	0.80	0.13	0.31	0.042	0.29	0.049	0.4	0.01	< 0.5	< 0.05	< 5	< 0.1	0.18	0.05
TL22-001	2.15	0.38	0.95	0.125	0.82	0.129	1.0	0.04	1.5	0.08	< 5	< 0.1	0.17	0.07
TL22-002	0.81	0.15	0.38	0.048	0.28	0.040	0.3	0.03	< 0.5	< 0.05	< 5	< 0.1	0.21	0.06
TL22-003	1.02	0.18	0.43	0.060	0.41	0.070	0.4	0.01	< 0.5	0.06	< 5	< 0.1	0.27	0.07
TL22-004	0.57	0.10	0.23	0.031	0.22	0.041	0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.01
TL22-005	0.69	0.11	0.26	0.032	0.21	0.037	0.2	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.01
TL22-006	0.57	0.10	0.27	0.037	0.21	0.039	< 0.1	< 0.01	2.4	0.08	< 5	< 0.1	< 0.05	0.01
TL22-007	0.75	0.12	0.29	0.037	0.24	0.045	0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	0.05	0.01

Analyte Symbol	Pd	Pt	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	0.5
Method Code	FA-MS	FA-MS	FA-MS	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	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas				11.46	1.89	0.75	0.010	0.35	43.52	0.99	0.55	0.120	30.61			1647							
NIST 694 Cert				11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2			1740							
DNC-1 Meas				47.54	18.65	10.04	0.140	10.12	11.22	1.97	0.23	0.480	0.07	31		151							
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				70.17	12.75	3.22	0.140	0.14	0.57	2.45	5.48	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							
SY-4 Meas				50.24	20.46	6.12	0.110	0.51	8.06	6.60	1.66	0.290	0.13	< 1	3	6					100	35	
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					93	35	
BIR-1a Meas				48.57	15.86	11.37	0.170	9.61	13.28	1.89	0.02	0.970	0.01	43	< 1	325	390	52	170	130	70	16	
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	125	70	16	
OREAS 101b (Fusion) Meas																		44		420			
OREAS 101b (Fusion) Cert																		47		420			
NCS DC86318 Meas				64.04	13.34	2.28	0.055	0.08	0.49	0.57	5.35	0.172	0.02										
NCS DC86318 Cert				66.90	14.26	2.24	0.052	0.11	0.29	0.66	5.52	0.17	0.020										
USZ 44-2007 Meas				69.99	10.60		0.061		2.04	3.24	3.61	0.298											
USZ 44-2007 Cert				71.38	10.93		0.060		2.03	3.46	3.20	0.31											
BCR-2 Meas				53.59	13.15	13.95	0.193	3.54	7.10	2.93	1.77	2.237	0.35	33		423							
BCR-2 Cert				54.1	13.5	13.8	0.196	3.59	7.12	3.16	1.79	2.26	0.35	33		416							
BCR-2 Meas				53.59	13.15	13.95	0.193	3.54	7.10	2.70	1.77	2.237	0.35	33		423							
BCR-2 Cert				54.1	13.5	13.8	0.196	3.59	7.12	3.16	1.79	2.26	0.35	33		416							
CDN-PGMS-27 Meas	1860	1190	4650																				
CDN-PGMS-27 Cert	2000	1290.00	4800																				
W-2b Meas				51.96	15.32	10.84	0.160	6.29	10.80	2.28	0.63	1.080	0.13	36	< 1	268	90	44	60	110	70	18	1.5
W-2b 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	92.0	43.0	70.0	110	80.0	17.0	1.00
OREAS 681 Meas	220	479	57																				
OREAS 681 Cert	243.00	526.00	51.00																				
TL22-004 Orig	3	3	4																				
TL22-004 Dup	3	3	4																				
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	< 10	< 30	< 1	< 0.5
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							
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	< 10	< 30	< 1	< 0.5
Method Blank	< 1	< 1	4																				
Method Blank	< 1	< 1	3																				

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Tb	Ho	Yb	Hf	W
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	5	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	2	0.05	0.05	0.01	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Method Code	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	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	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas			146		35								108										
DNC-1 Cert			144		38								118										
GBW 07113 Meas			42		394								511										
GBW 07113 Cert			43.0		403								506										
SY-4 Meas		55	1218	120		13.3						1.6	349	62.0	130	15.4	58.9	13.3	2.77	4.49	15.3	10.5	
SY-4 Cert		55.0	1191	119		13						1.5	340	58	122	15.0	57	12.7	2.6	4.3	14.8	10.6	
BIR-1a Meas			109	14.8	14	0.5					0.5		7	0.60	1.90		2.40	1.10			1.60	0.6	
BIR-1a Cert			110	16	18	0.6					0.58		6	0.63	1.9		2.5	1.1			1.7	0.60	
OREAS 101b (Fusion) Meas				168			19							769	1290	124	371	48.0	5.07	6.03	17.1		
OREAS 101b (Fusion) Cert				178			21							789	1331	127	378	48	5.37	6.34	17.6		
NCS DC86318 Meas																							
NCS DC86318 Cert																							
USZ 44-2007 Meas			171		> 10000								98										
USZ 44-2007 Cert			158		15800								95										
BCR-2 Meas			336		178								706										
BCR-2 Cert			346		188								683										
BCR-2 Meas			336		178								706										
BCR-2 Cert			346		188								683										
CDN-PGMS-27 Meas																							
CDN-PGMS-27 Cert																							
W-2b Meas	< 5	20	196	20.7	91	7.3	< 2					0.9	183	10.9	23.6		12.8	3.30	0.60	0.75	2.00	2.5	
W-2b Cert	1.20	21.0	190	24.0	94.0	7.90	0.600					0.990	182	10.0	23.0		13.0	3.30	0.630	0.760	2.10	2.60	
OREAS 681 Meas																							
OREAS 681 Cert																							
TL22-004 Orig																							
TL22-004 Dup																							
Method Blank	< 5	< 1	< 2	< 0.5	2	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	< 2	< 0.05	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.5
Method Blank			< 2		1								< 2										
Method Blank	< 5	< 1	< 2	< 0.5	2	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	< 2	< 0.05	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.5
Method Blank																							
Method Blank																							

Analyte Symbol	Tl	Pb	Bi	Th	U	Eu	Gd	Dy	Er	Tm	Lu	Ta
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	5	0.1	0.05	0.01	0.005	0.01	0.01	0.01	0.005	0.002	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
NIST 694 Meas												
NIST 694 Cert												
DNC-1 Meas												
DNC-1 Cert												
GBW 07113 Meas												
GBW 07113 Cert												
SY-4 Meas		10		1.30	0.90	2.03	14.0	19.7	14.9	2.32	2.27	0.80
SY-4 Cert		10		1.4	0.8	2.00	14.0	18.2	14.2	2.3	2.1	0.9
BIR-1a Meas		< 5				0.520	1.80				0.270	
BIR-1a Cert		3				0.55	2.0				0.3	
OREAS 101b (Fusion) Meas				35.6	378	7.55		30.8	17.8	2.60	2.52	
OREAS 101b (Fusion) Cert				37.1	396	7.77		32.1	18.7	2.66	2.58	
NCS DC86318 Meas												
NCS DC86318 Cert												
USZ 44-2007 Meas												
USZ 44-2007 Cert												
BCR-2 Meas												
BCR-2 Cert												
BCR-2 Meas												
BCR-2 Cert												
CDN-PGMS-27 Meas												
CDN-PGMS-27 Cert												
W-2b Meas			< 0.1	2.10	0.51	1.10		3.80	2.20	0.310	0.310	0.51
W-2b Cert			0.0300	2.40	0.530	1.00		3.60	2.50	0.380	0.330	0.500
OREAS 681 Meas												
OREAS 681 Cert												
TL22-004 Orig												
TL22-004 Dup												
Method Blank	< 0.05	< 5	< 0.1	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.005	< 0.002	< 0.01
Method Blank												
Method Blank	< 0.05	< 5	< 0.1	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.005	< 0.002	< 0.01
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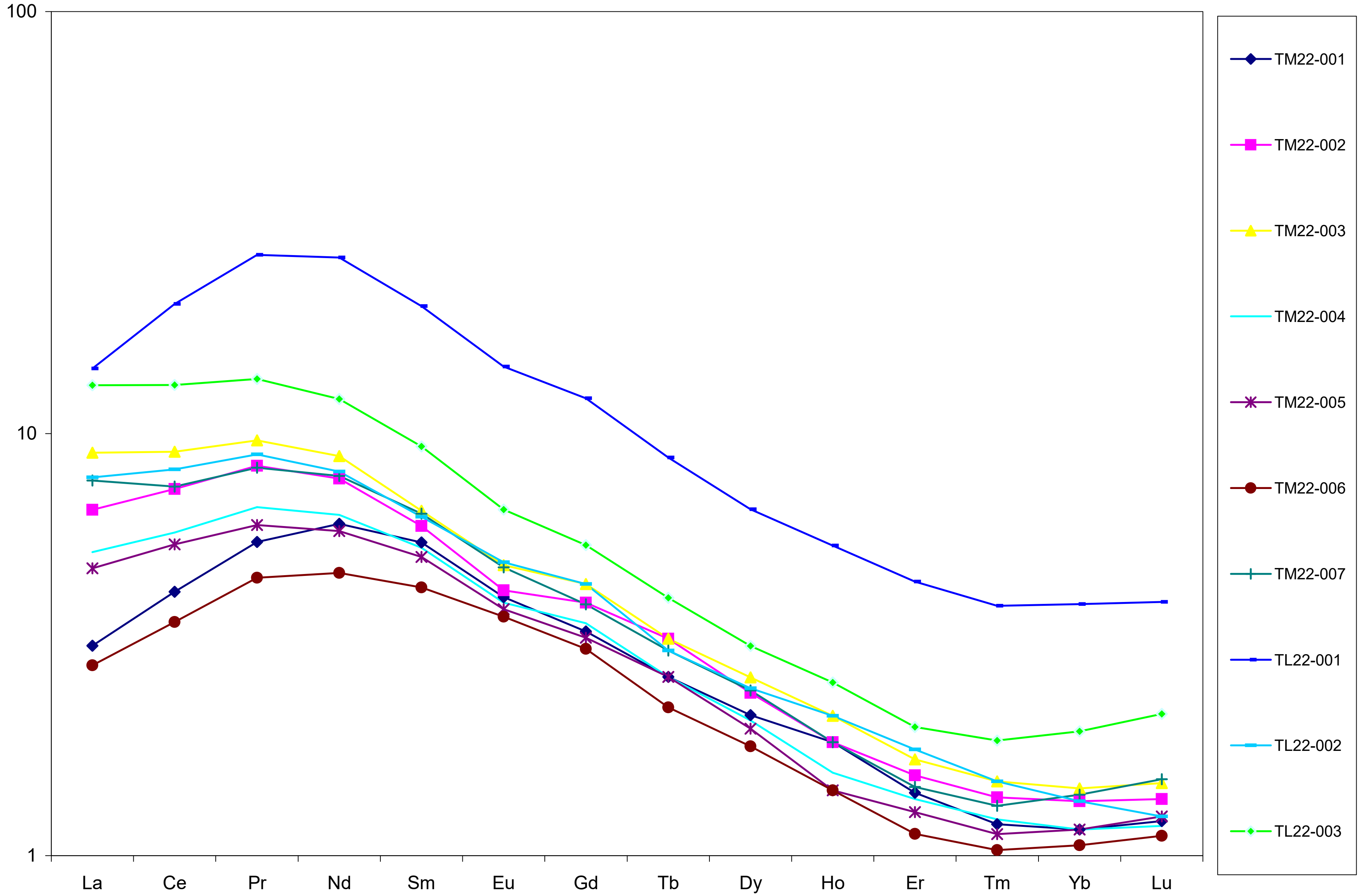
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La
Ce
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Nd
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Eu
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Tb
Dy
Ho
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Tm
Yb
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TM22-005
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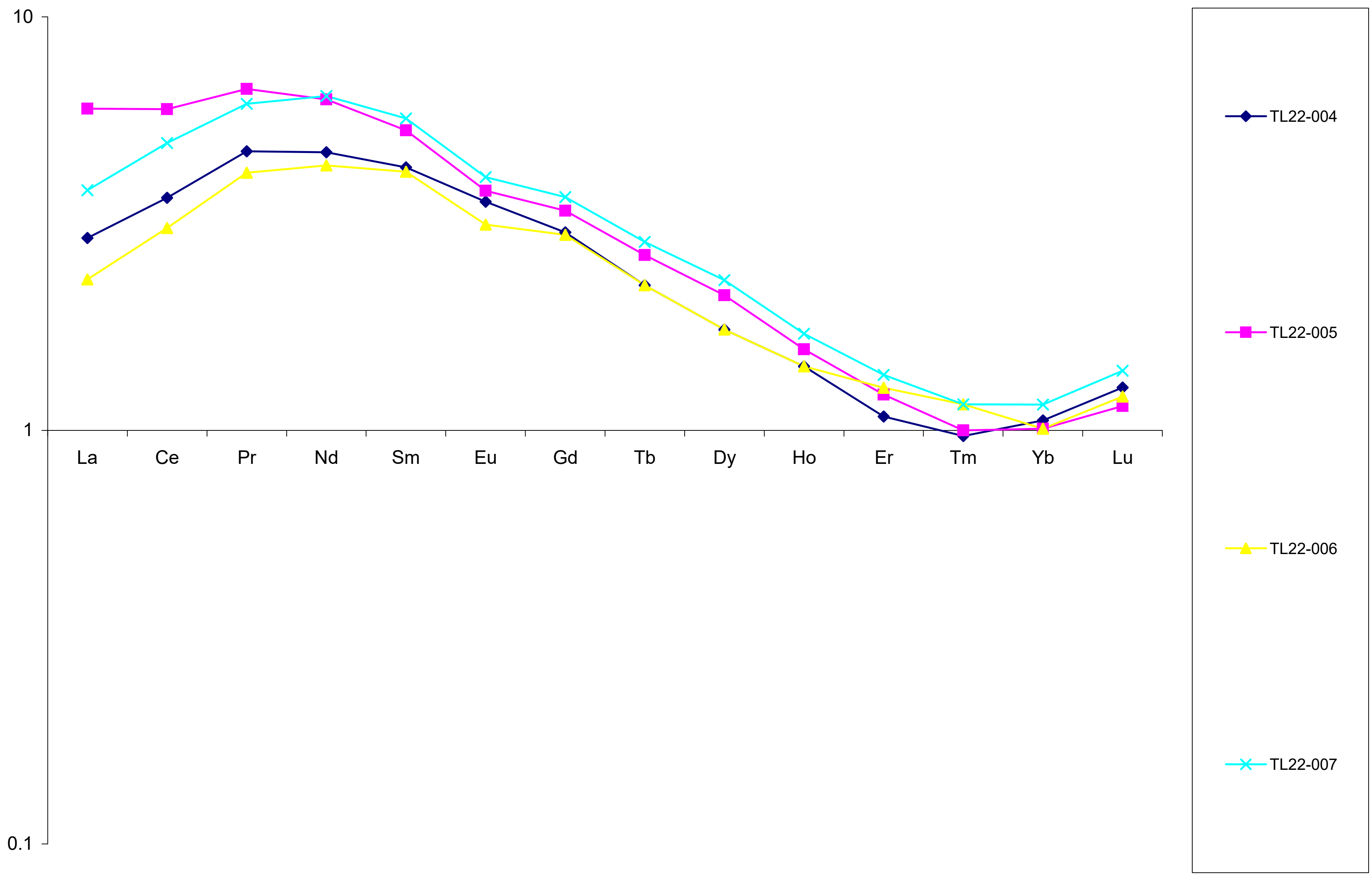
TM22-007
TL22-001
TL22-002
TL22-003



10
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Sm
Eu
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Yb
Lu
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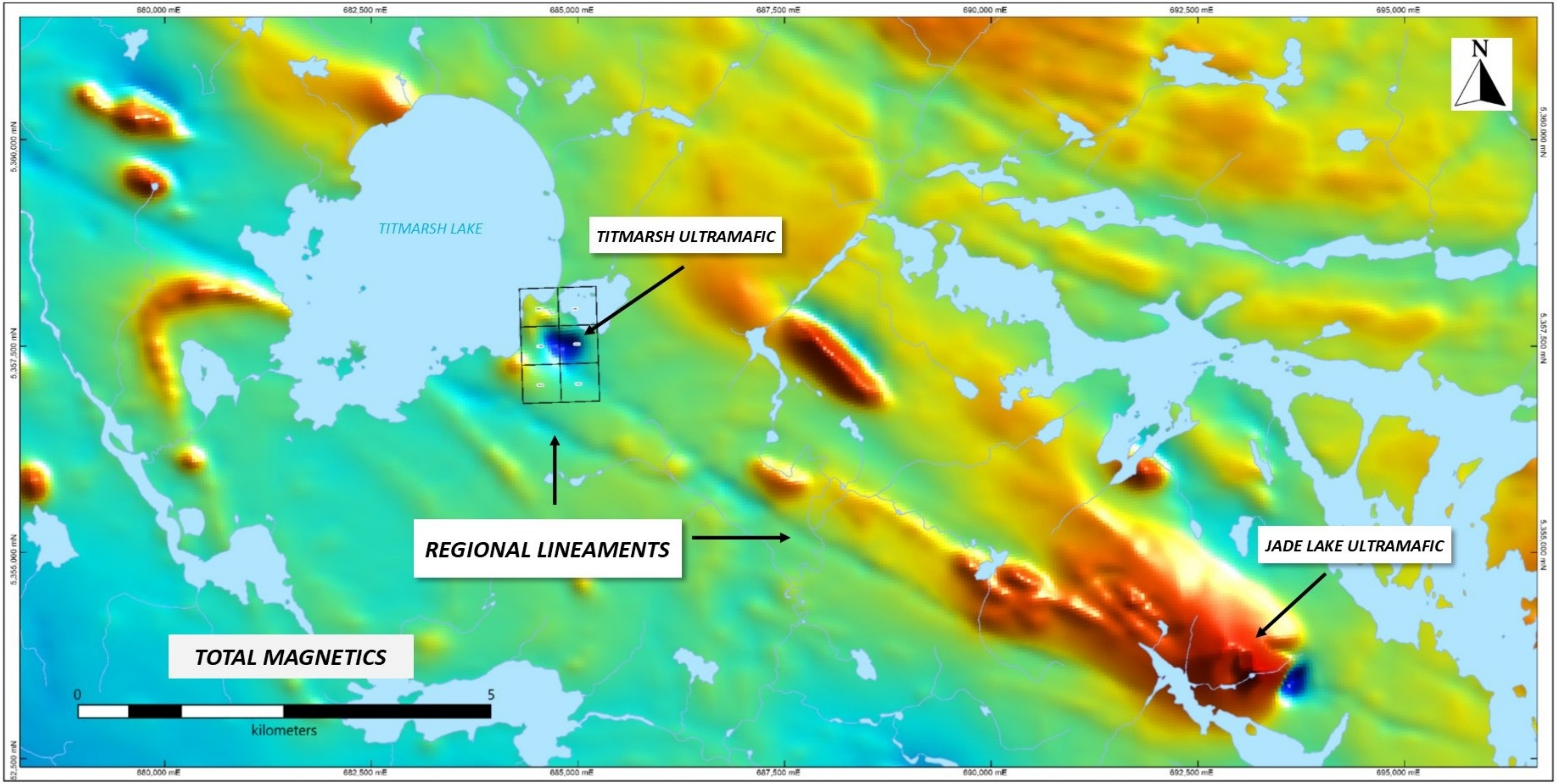
TL22-005
TL22-006
TL22-007

APPENDIX III

MAPS



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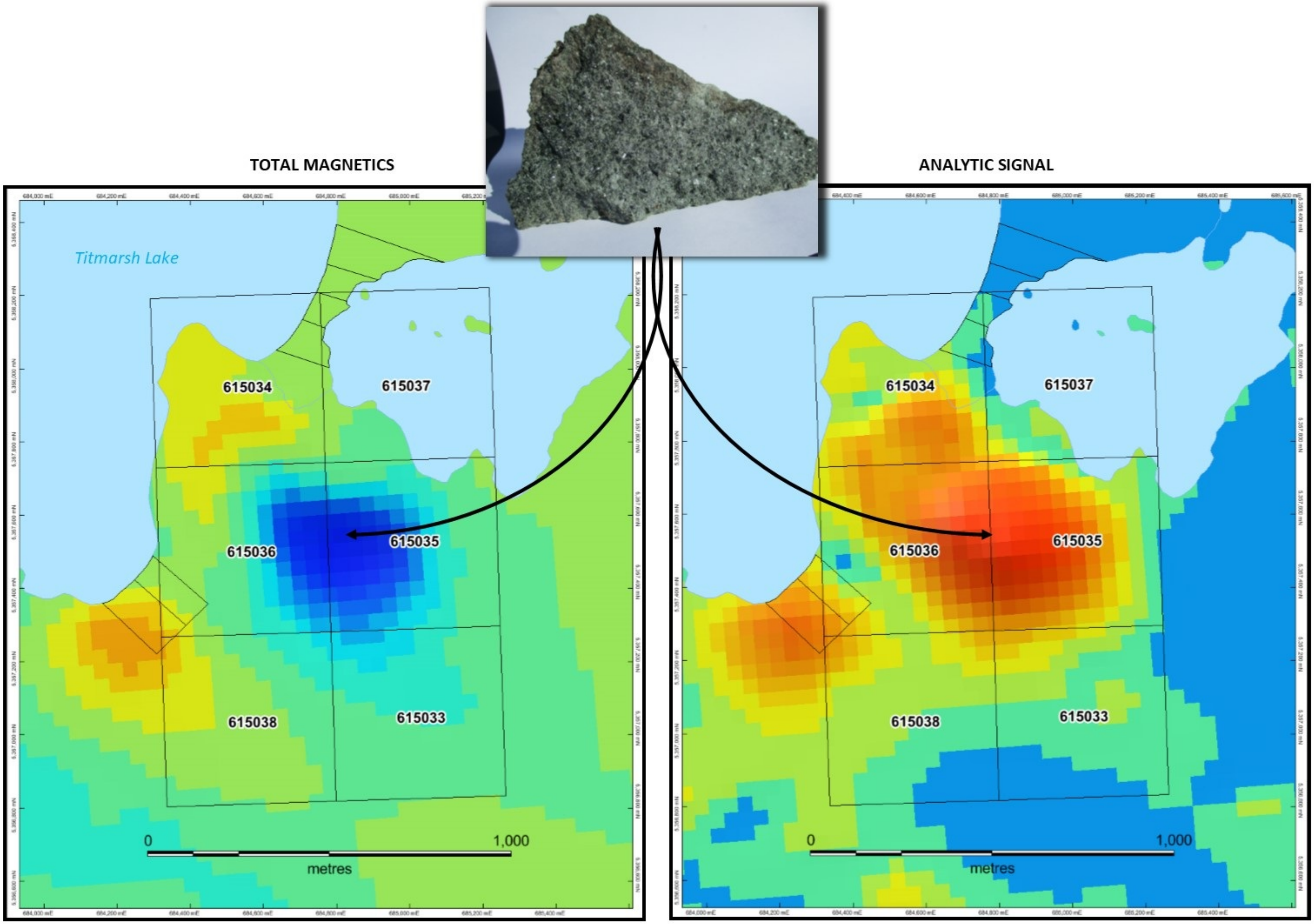
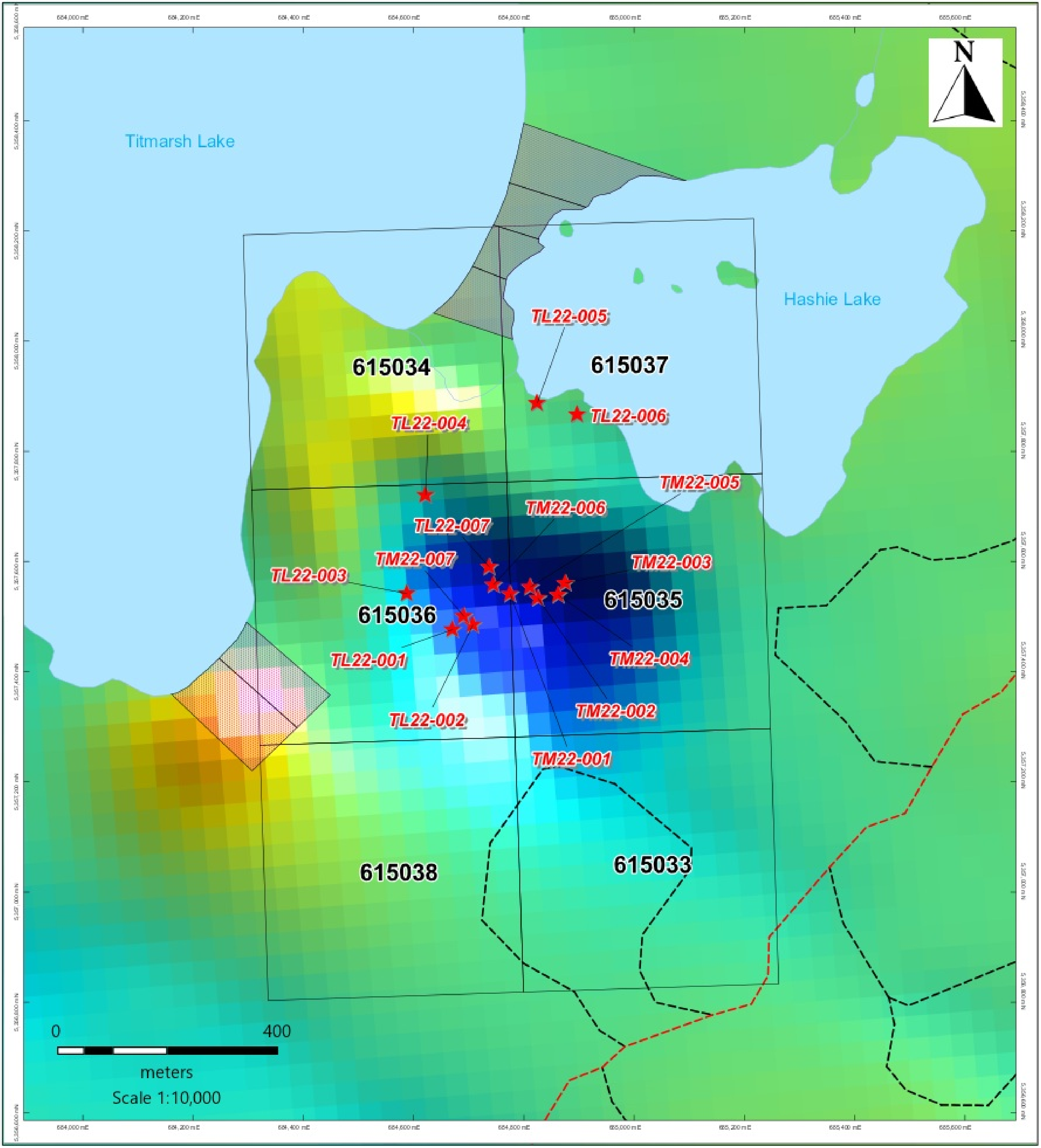
682,500 mE
685,000 mE
687,500 mE
690,000 mE
692,500 mE
695,000 mE
5,360,000 mN
5,357,500 mN
5,355,000 mN
N
TITMARSH LAKE
TITMARSH ULTRAMAFIC
REGIONAL LINEAMENTS
JADE LAKE ULTRAMAFIC
TOTAL MAGNETICS
0
5
kilometers

TITMARSH LAKE PROPERTY—MID CONTINENTAL RIFT INTRUSION?



Staked by Metals Creek Resources Corp. October 08, 2020


Titmarsh Lake
Hashie Lake
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615037
615036
615035
615038
615033
TL22-001
TL22-002
TL22-003
TL22-004
TL22-005
TL22-006
TL22-007
TM22-001
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TM22-004
TM22-005
TM22-006
TM22-007
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meters
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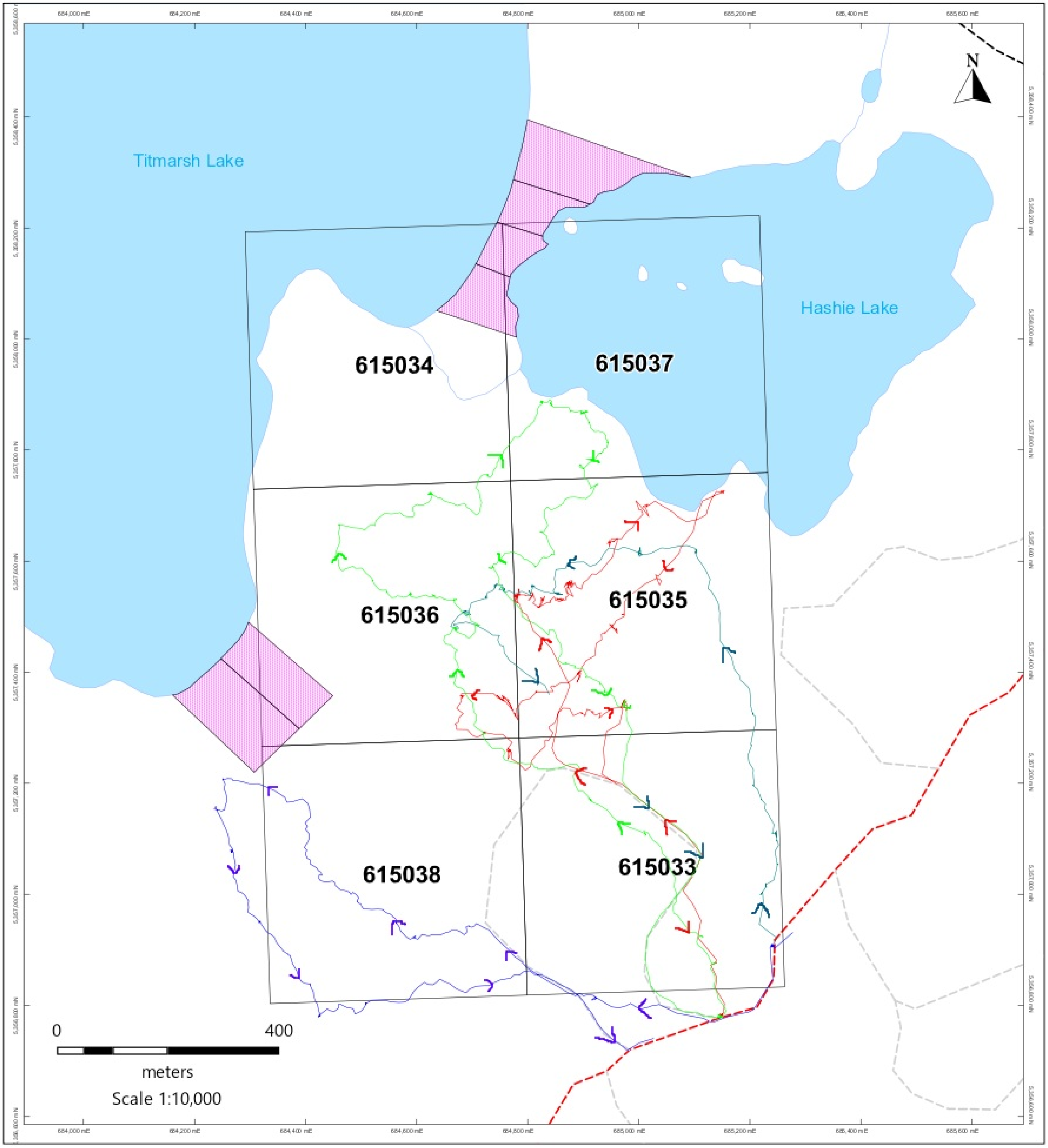


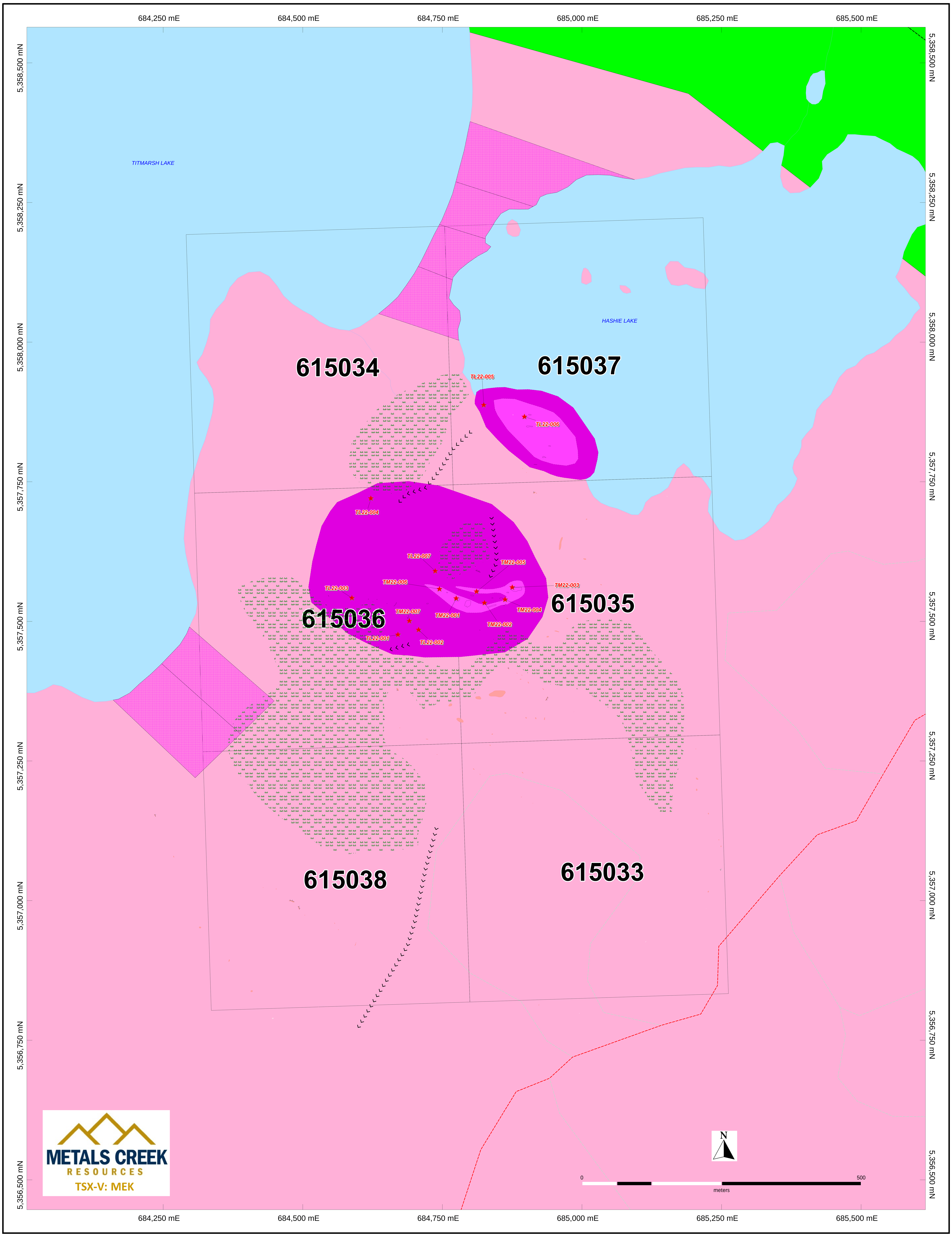
LEGEND

M. MacIsaac Aug 11 traverse

D. Heerema Aug 11 traverse

M. MacIsaac Aug 12 traverse

D. Heerema Aug 12 traverse



Non_Mining_Land_Tenure
Staked_claims
TB_Roads
TBStreams
TBLakes
Eskers
Swamp/low ground
Steep edge of outcrop
Outcrop of pyroxenite
Outcrop of melanogabbro
Steep edge of outcrop
Outcrop of Granite
Outcrop of Gneiss
Interpreted ultramafic based on outcrops and magnetics
Interpreted melanogabbro horizons
Government mapping of felsic intrusives
Samples_2022

Applicant: **Metals Creek Resources**
Project: **TITMARSH**

Category	Invoice #	Invoice Date (mm/dd/yyyy)	Supplier	Description	Total Expenditures
Assays	A22-11646	11/25/2022	Actlabs	14 samples ICP+PGE+LITHO	$ 1,991.50
				Subtotal	**$ 1,991.50**
Labour	N/A	N/A	Don Heerema	2 days in field	$ 962.00
	N/A	N/A	Mike MacIsaac	2 days in field	$ 1,192.00
	N/A	N/A	Don Heerema	3 days report and maps	$ 1,443.00
				Subtotal	**$ 3,597.00**
Fuel	6911172	08/10/2022	Shell Canada	gas for pickup	$ 116.80
	6917323	08/15/2022	Shell Canada	gas for pickup	$ 164.36
				Subtotal	**$ 281.16**
Excludes HST				**Total**	**$ 5,869.66**
				for assessment	***$ 5,869.00***