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Assessment Report on the 2017 Prospecting  
Program on the  
Pardee Township Property  
Claim 1240480  
For Mike Luski

**Roland Landry BSc., PGeo (ON)**  
**Consulting Geologist**

**September 27 2017**

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## 1.0 Executive Summary

In September 2017, an agent representing Micheal Luski approached Roland Landry with a proposal to complete field work on his Pardee Township claims. The work had to be completed prior to September 28 2017 to keep one of the claims in good standing. Work comprised initial office work that brought together what data was available and make a plan for the property. A total of 1600 dollars was needed to keep the claim in good standing.

## 2.0 Introduction

Mike Luski re staked the property in November of 2010. The claims were also staked in 1995 and lapsed. The property consists of one mining claim owned by Mike Luski (75%) and Robert Chataway (25%).

Past work on the claims and surrounding area has revealed low to mid grade grab samples of base metal sulphides. With a deposit that is relatively near by (Great Lakes Nickel Property).

The similar geological package trends through the area and hence the staking and work done on these claims.

Figure1: Property Location in Ontario



### 3.0 Project Location, Access and Topography

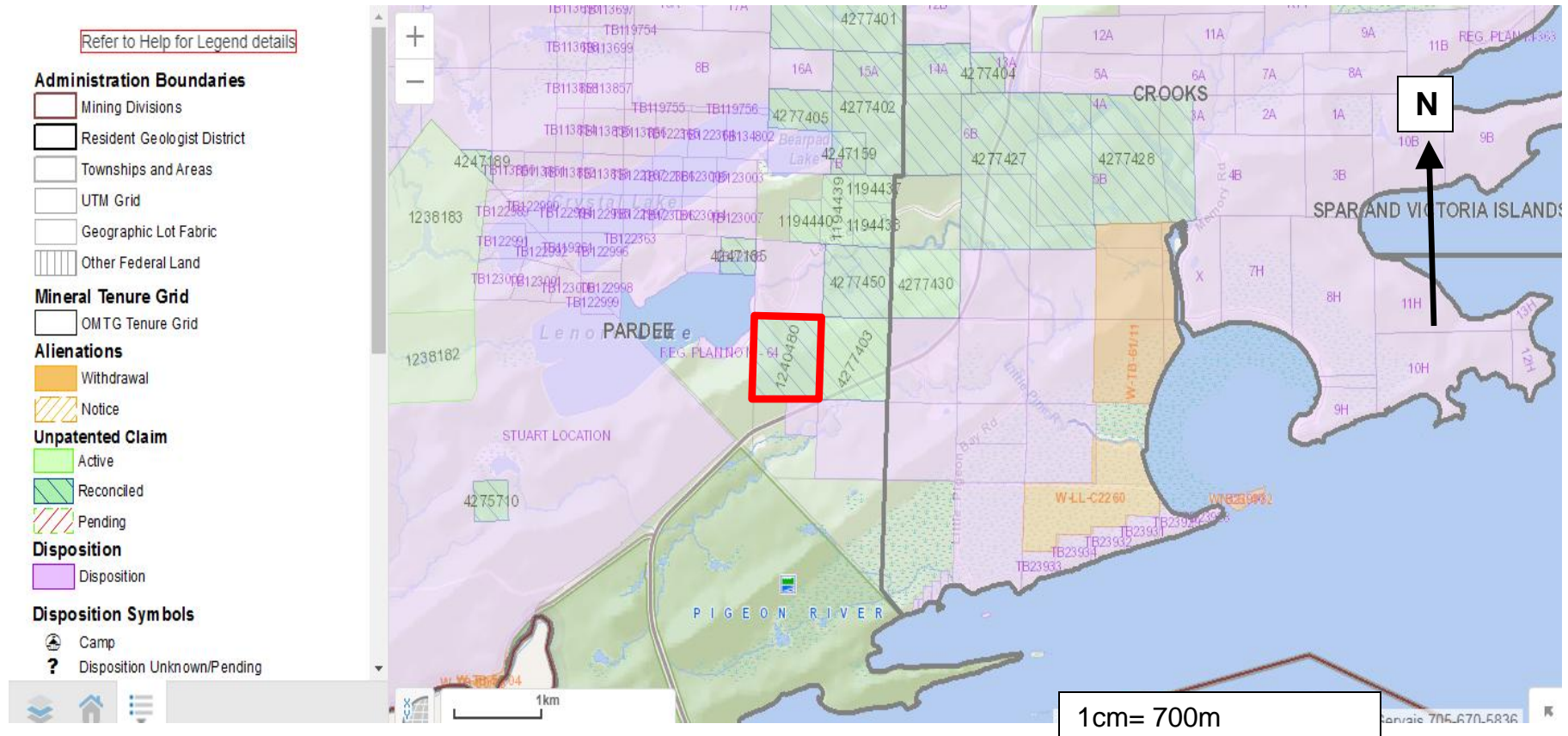
The property is located approximately 49 kilometers south of Thunder Bay following along highway 61, in the district of Thunder Bay. The N.T.S. reference is 52A/4 in the south east portion of Pardee Township. The claim is positioned east of Lenore Lake, with the NW corner adjacent to the eastern most edge of Lenore Lake. Access is limited to the Lenore Lake road, that is marked as private once getting to Lenore lake. Permission was granted to use the road by camp/property owners after consultation.

Primary access to the property was via a camp owner who had a small property and had a very limited trail that could be used to get into the heart of the property.

Secondary access to the property can be attained via a small clearing off of Highway 61. This access requires a very steep hike up rugged topography to get onto the claim itself.

The area is very rugged, with steep cliffs and large hills. East-northeast trending cliffs with steep sides were observed but due to wet weather were incredibly treacherous to climb. Much of the area has very dense vegetation making traversing exceedingly difficult.

Figure 2: Claim Map





#### 4.0 Previous Work

The work that has so far been completed on this claim, has been limited to prospecting and sample analysis. No mapping by any previous holders has been found or any ground based geophysics.

- 1995 to 1997 part of the current claim was worked by Mike Luski and Earl Sutton. Prospecting and sampling along with some hand dug trenches and blasting were done on some portions of the current claim area. Reconnaissance style prospecting was done in a few areas that amounted to roughly 11 samples.
- 2007 saw more work by Mike Luski in the form of prospecting. Samples were taken when warranted.
- Samples were then looked at by a geologist, and a few were then assayed. The results for those are with the owner of the claim.

#### 5.0 Work Done

- Before any work was completed, a day was spent finding and communicating with cottage owners. Two owners were found and the author spent time talking about the limited prospecting/ reconnaissance program that was going to be completed on the property.
- After talking to one of the cottage owners he graciously allowed us to use an old trail that he had cut on the claim. As this had never been worked before, the author walked up the trail and prospected the area. Outcrop was quite limited and vegetation is quite thick. So, samples were taken along or near the path of angular unconsolidated float. The trail/traverse worked its way up into the property and was crossing the believed stratigraphy. The premise is to see if there is anything anomalous from samples that are obviously close to bed rock and thus give a possible vector for a mineralized zone.
- Due to time constraints and ongoing wet weather, many areas were too slippery and dangerous to climb.
- Much of the previous worked areas are very grown in and surface right holders are not keen on any type of cutting, thus making access to other areas very challenging.
- Prospecting was done over a number of areas, with little success finding much of anything of significance. Shales were encountered to the south that came off a large hill/cliff face.

Samples taken on north slope access:

Samples for Mike Luski on Claim 1240480							
	Location			Type			
Sample Number	Property	Easting	Northing	Rock	Talus	Float	Description
MLPT1	1240480	308110.5	5323983.4		yes		vfg greywacke, no sulp, non mag, massive
MLPT2	1240480	308098.1	5323995.9		yes		gab? Fg to mg, dark green black, tr py,
MLPT3	1240480	308084.2	5324009.3			yes	gab? Fg to mg, dark green black, tr py, rusty staining
MLPT4	1240480	308063.7	5324027.9		yes		gab, Fg to mg, dark green black, tr py,
MLPT5	1240480	308047.2	5324048.7			yes	
MLPT6	1240480	308035.5	5324056		yes		gab? Fg to mg, dark green black, tr py,

## 6.0 Regional Geology

The regional geological environment is accurately described by J. J. C. Geul (1970)\* as:

All exposed bedrock is of Precambrian (Proterozoic) age. Gently dipping to subhorizontal beds of the Animikean Rove Formation, consisting of a turbidite sequence of greywackes with interbedded argillites and shaly horizons, are intruded by: (1) tholeiitic diabase sills (Logan sill); (2) steeply dipping Pigeon River intrusions represented chiefly by a northeast-trending swarm of olivine diabase dikes; and (3) a crosscutting trough-shaped body of olivine leucogabbro, called the Crystal Lake Gabbro. Field relations, age determinations, and paleomagnetic data indicate an older age for the Logan sills with respect to the Crystal Lake Gabbro intrusion, and an age comparable to the Duluth Gabbro (1.1 billion years) for the Crystal Lake Gabbro. Chemical and petrographic data also support the division between early mafic intrusions of tholeiitic composition and the Pigeon River and Crystal Lake Mafic intrusions having the composition of olivine diabase and gabbro, as each group is typified by distinctive MgO and TiO<sub>2</sub> contents, Na<sub>2</sub>O:K<sub>2</sub>O ratios, and trace-element contents (Cr, Ni).

Mineral deposits, consisting chiefly of syngenetic copper, nickel and iron sulphides, are spatially associated with the Pigeon River intrusions and the Crystal Lake Gabbro. The sulphide minerals occur in and near the base of the latter as a primary, disseminated, low grade segregation with a Cu:Ni ratio of 2:1; and in the former as disseminated to massive sulphide pods and zones, commonly marginal to but also within some dikes. Their Cu:Ni ratios are less than two and approximate 3:2 in the fresh un-weathered zones.

\* J. J. C. Geul (1970)  
Ontario Department of Mines, Geological Report 87.  
Geology of Devon and Pardee Townships and the Stuart  
Location.

## 7.0 Property Geology

The property is underlain by sub-horizontal greywackes and shales of the Rove Formation crosscut by a northeast trending vertical dipping diabase dike.

The greywacke is grey to grey brown, fine-to-medium grained massive and contains carbonate filled fractures. The shale is black to dark grey, fine-to-very-fine grained, massive and finely bedded. The sedimentary bedding ranges from centimetre to tens of centimetres in thickness. The greywacke locally exhibits graded bedding indicating tops to be upward.

The diabase dike ranges from black to dark grey fine-to-medium grained with minor pegmatitic sections. The composition of the dike is 40 percent feldspar, 30 percent brown pyroxene, 20 percent chlorite, five percent biotite with minor talc and accessory minerals. Sulphide mineralization within the dike ranges from one percent fine grained disseminated pyrrhotite to 40 percent irregular immiscible blebs of pyrrhotite with one percent chalcopyrite on fracture planes within the pyrrhotite.

The contact of the diabase dike to the sediments is a hybrid zone of disrupted sediments either as fragments within the diabase or amphibole facies metamorphic grade greywacke.

## 8.0 Conclusions

The property is very hilly with near vertical cliffs. Assays are back. Overburden is quite thick, in many areas, so, trenching is going to be the best first action. The reconnaissance sampling that was done, revealed no significant assays. This only indicates there may not be anything significant on the slope.

## 9.0 Recommendations

Based upon the results of the 2017 prospecting program, the following recommendations for the 1240480 claim are listed below:

- Take more time to consult with surface right owners, and explain further work plans.
- Complete a line cutting program over the property. (Ensure that surface right owners are aware and onboard with work plans)
- Use a ground based magnetometer survey over the line cutting
- Utilize line cutting for sampling, mapping and prospecting.
- With results of both assays and the magnetometer survey find an area that could be stripped and trenched and ultimately channel sampled if warranted.

## 10.0 References

Geul, J.J.C. (1970) Ontario Department of Mines, Geological Report 87, Geology of Devon and Pardee Townships and the Stuart Location

J. Garry Clark and Claude Larouche (January 1990)  
OPAP Report OP-89-72 File

Figure 3: Property map with Recon Sample Locations

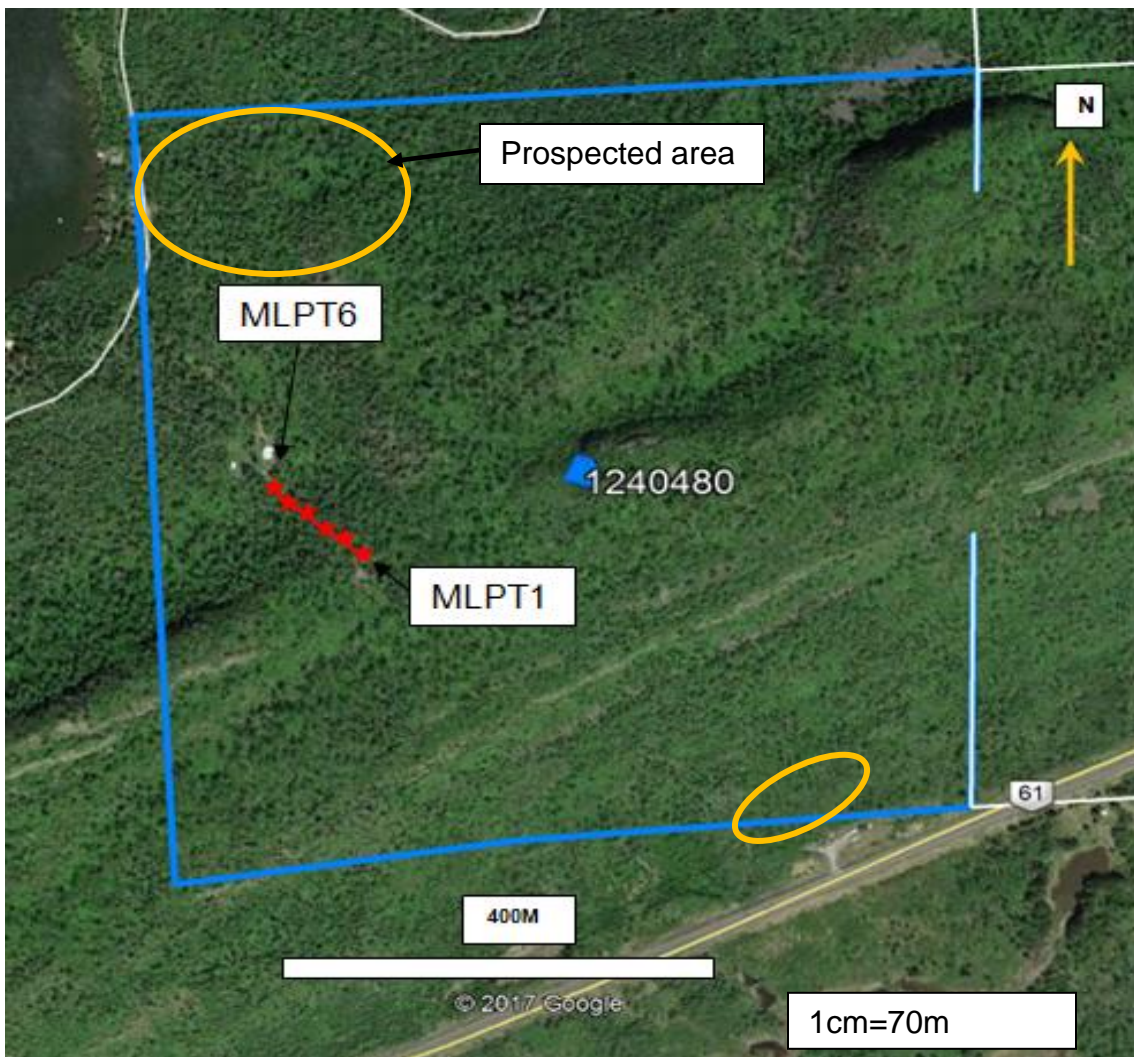
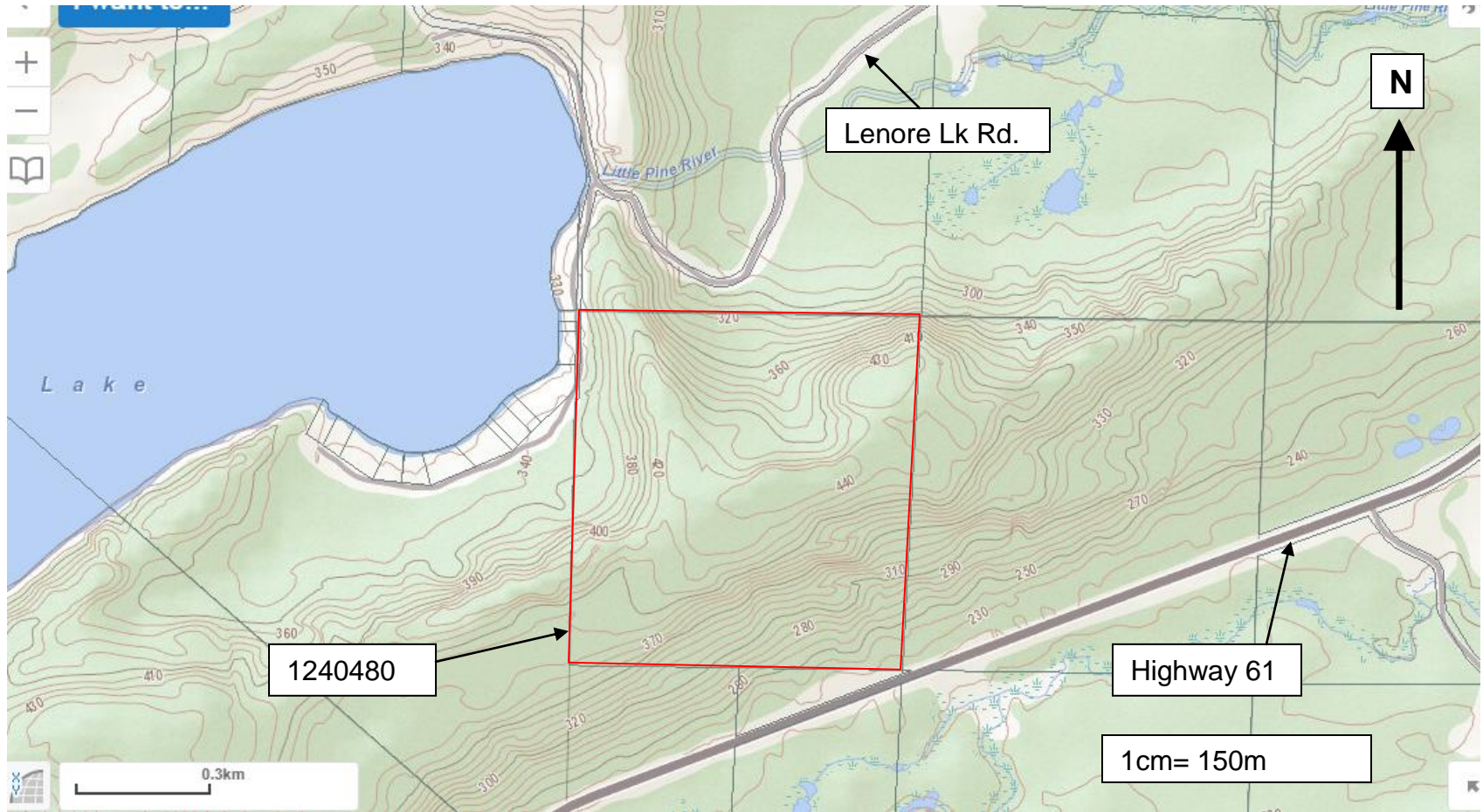




Figure4 Topographic Map with claim boundary



Statement of Qualifications

I, Roland M. Landry, residing at 1724 Wallbridge Ave, Thunder Bay, ON, do hereby certify that:

I am currently a consultant Geologist,

I attended Lakehead University in Thunder Bay, Ontario and graduated with a BSc., (Geological Sciences) in 1993,

I have worked continuously as a geologist in mining and exploration since 1993,

I am a Practising Member (1027) of the Association of Professional Geoscientists of Ontario,

I have written this assessment report for the activities on the Pardee Township claim for Mike Luski during the 2017 prospecting/ reconnaissance program.

Signed at Thunder Bay, Ontario,  
November 2017.

Roland M. Landry, P. Geo.  
Consulting Geologist











**Date Submitted:** 27-Sep-17  
**Invoice No.:** A17-10605  
**Invoice Date:** 19-Oct-17  
**Your Reference:** Pardee Twp

**Roland Landry**  
**1324 Wallbridge Ave**  
**Thunder Bay Ontario p7e3k8**  
**Canada**

**ATTN: Roland Landry**

## CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A17-10605**

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:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**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

Results

Activation Laboratories Ltd.

Report: A17-10605

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MLPT1	< 2	< 5	< 5	< 0.2	< 0.5	15	251	2	38	10	86	2.15	11	< 10	131	< 0.5	< 2	0.31	9	87	3.75	< 10	< 1
MLPT2	18	< 5	6	< 0.2	< 0.5	171	376	< 1	57	< 2	81	3.18	3	< 10	300	< 0.5	< 2	2.07	26	35	5.34	10	2
MLPT3	< 2	< 5	< 5	< 0.2	< 0.5	2	202	6	4	< 2	5	0.02	4	< 10	14	< 0.5	< 2	0.01	1	103	1.60	< 10	< 1
MLPT4	10	19	13	0.2	< 0.5	471	417	< 1	184	< 2	58	3.78	3	< 10	175	< 0.5	< 2	2.13	31	46	5.13	< 10	2
MLPT5	13	< 5	7	< 0.2	< 0.5	288	306	6	80	4	38	3.65	7	< 10	347	0.5	< 2	0.24	24	273	5.26	10	2
MLPT6	2	13	13	< 0.2	< 0.5	151	300	< 1	36	< 2	45	3.32	< 2	< 10	144	< 0.5	< 2	2.06	16	28	3.41	< 10	< 1
MLPT7	33	16	9	< 0.2	0.5	294	629	< 1	239	< 2	57	7.03	21	15	147	< 0.5	< 2	3.69	45	33	6.02	10	2

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MLPT1	0.44	18	0.88	0.062	0.037	< 0.01	< 2	7	8	0.21	< 20	< 1	< 2	< 10	48	< 10	10	20
MLPT2	0.20	12	1.17	0.634	0.086	0.02	2	4	157	0.34	< 20	3	2	< 10	179	< 10	15	9
MLPT3	< 0.01	< 10	0.02	0.020	0.002	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	< 1
MLPT4	0.53	< 10	1.61	0.776	0.075	0.13	2	8	90	0.29	< 20	1	< 2	< 10	121	< 10	10	18
MLPT5	0.49	17	2.82	0.127	0.033	0.07	4	14	21	0.11	< 20	< 1	< 2	< 10	160	< 10	14	8
MLPT6	0.23	< 10	0.60	0.740	0.058	< 0.01	4	5	72	0.29	< 20	3	< 2	< 10	186	< 10	7	8
MLPT7	0.28	< 10	3.52	0.884	0.035	0.09	4	4	149	0.16	< 20	4	2	< 10	51	< 10	5	3

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas				25.5	2.2	1080	728	13	26	552	660	0.33	357	< 10	274	0.8	1380	0.65	5	6	21.2	< 10	3
GXR-1 Cert				31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90
GXR-4 Meas				3.1	< 0.5	6340	127	288	32	37	68	2.74	94	< 10	27	1.4	26	0.79	12	57	2.92	10	< 1
GXR-4 Cert				4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110
GXR-6 Meas				0.3	< 0.5	67	977	1	20	84	119	7.07	208	< 10	888	0.9	< 2	0.13	12	84	5.63	20	2
GXR-6 Cert				1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680
PK2 Meas	4950	6160	5020																				
PK2 Cert	4790	5918.0 00	4749.0 00																				
PK2 Meas	4840	6020	4880																				
PK2 Cert	4790	5918.0 00	4749.0 00																				
CDN-PGMS-25 Meas	481	1810	388																				
CDN-PGMS-25 Cert	483	1830	400																				
CDN-PGMS-25 Meas	480	1810	404																				
CDN-PGMS-25 Cert	483	1830	400																				
SdAR-M2 (U.S.G.S.) Meas					4.9	241		13	40	795	841				139	5.3	< 2		13	10		< 10	1
SdAR-M2 (U.S.G.S.) Cert					5.1	236.00 00		13	49	808	760				990	6.6	1.05		12.4	49.6		17.6	1.44
MLPT1 Orig	< 2	< 5	< 5																				
MLPT1 Dup	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank	< 2	< 5	< 5																				

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.03	< 10	0.13	0.051	0.038	0.19	110	1	159	< 0.01	< 20	7	< 2	28	72	132	23	11
GXR-1 Cert	0.050	7.50	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.79	41	1.55	0.136	0.110	1.73	5	7	67	0.13	< 20	< 1	2	< 10	76	10	12	8
GXR-4 Cert	4.01	64.5	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	22.5	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	1.22	< 10	0.41	0.089	0.030	0.01	5	20	28		< 20	< 1	3	< 10	168	< 10	5	8
GXR-6 Cert	1.87	13.9	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
CDN-PGMS-25 Meas																		
CDN-PGMS-25 Cert																		
CDN-PGMS-25 Meas																		
CDN-PGMS-25 Cert																		
SdAR-M2 (U.S.G.S.) Meas		38						2	21		< 20			< 10	19	< 10	19	6
SdAR-M2 (U.S.G.S.) Cert		46.6						4.1	144		14.2			2.53	25.2	2.8	32.7	259
MLPT1 Orig																		
MLPT1 Dup																		
Method Blank																		
Method Blank	< 0.01	< 10	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																		