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Two Mile Property

Grass Roots

2019 Assessment Report

Prospecting and Rock Sample Program

Ground Magnetics, VLF & CEM

Thunder Bay Mining District, Ontario

Drift Lake Area (G-0713), Kashabowie (G-2714)

NTS 052B/09

Claims, 153713, 153712, 183167, 266269, 170368, 286319, 219063, 208320, 293131, 219064, 266267, 322368, 293133

White Metal Resources Corp.
864 Squire St.
Thunder Bay, ON
P7B 4A8

September 30, 2019

Cathy Salo, B.Sc., Earth Science

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Abbreviations:

Carb: Carbonate

Gab: Gabbro

Gr: Grain

Med: Medium

Py: Pyrite

Po: Pyrrhotite

Tr: Trace

Sed: Sediment

Qtz: Quartz

Figure 1a: Two Mile Location on Ontario Map

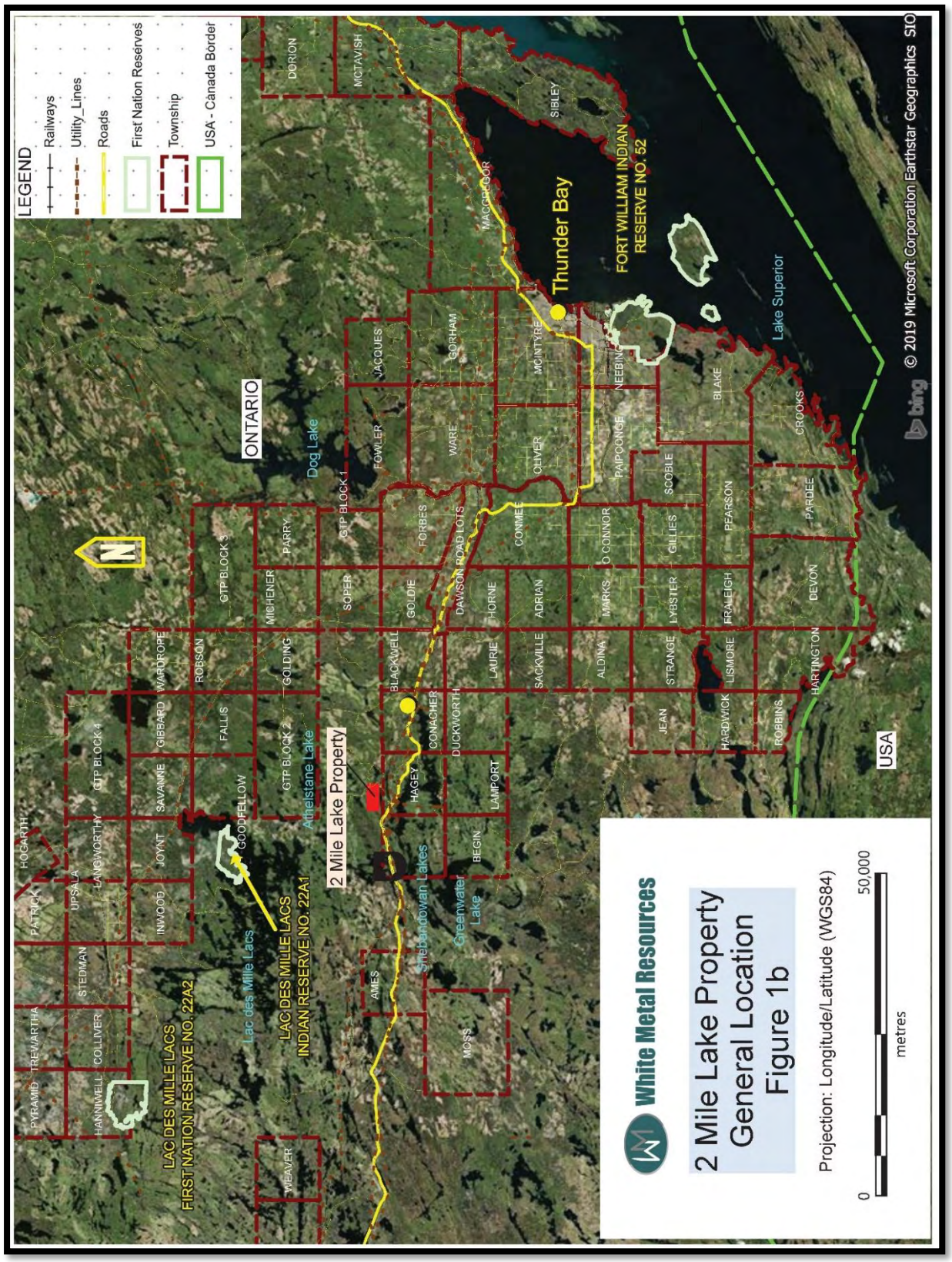

Figure 1b: General Location Map – Google Earth

1.0 INTRODUCTION

White Metal Resources Corp. commenced ground geophysics which included VLF, CEM and magnetics during the middle of January 2018 on the Two Mile Property (2 Mile Lake) located approximately 96km west of Thunder Bay on TransCanada Highway 11 and near Kabaigon. Around the same time lake sediments where collected using the same picket grid as used for the ground geophysics. On April 13, 2018 soil samples where collected south of the lake to follow up on the geophysical survey completed in January. Rocks samples where collected August 8 and 9, 2018. Both the soil and rock samples were submitted to Actlabs in Thunder Bay for analyses at the same time. See Appendix 4 for methods and limits.

2.0 PROPERTY DESCRIPTION

The 2 Mile property is located approximate 1.6km off Highway 11 at the Kabaigon junction and is composed of 24 cells (single cell) making up 510.2 hectares. The yearly work required costs to keep the claims in good standing amounts to $9,600. (See Table 1 for claim cells details and figure 2 for claim map).

Table 1: Property Claims

Tenure Number	Type	Tenure Status	Issue Date	Anniversary	Holder	Project	Total Reserve	Amt. Requried
118205	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
118206	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
125739	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
153712	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
153713	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
153714	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
170368	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
183167	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
183168	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
208320	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
219063	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
219064	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
266267	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
266268	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
266269	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
286319	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
286320	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
286321	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
286322	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
293131	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
293132	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
293133	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
322368	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400
322369	SCMC	A	20180410	2020-01-09	(100) WHITE METAL RESOURCES CORP.	2 Mile Lake	0	$400

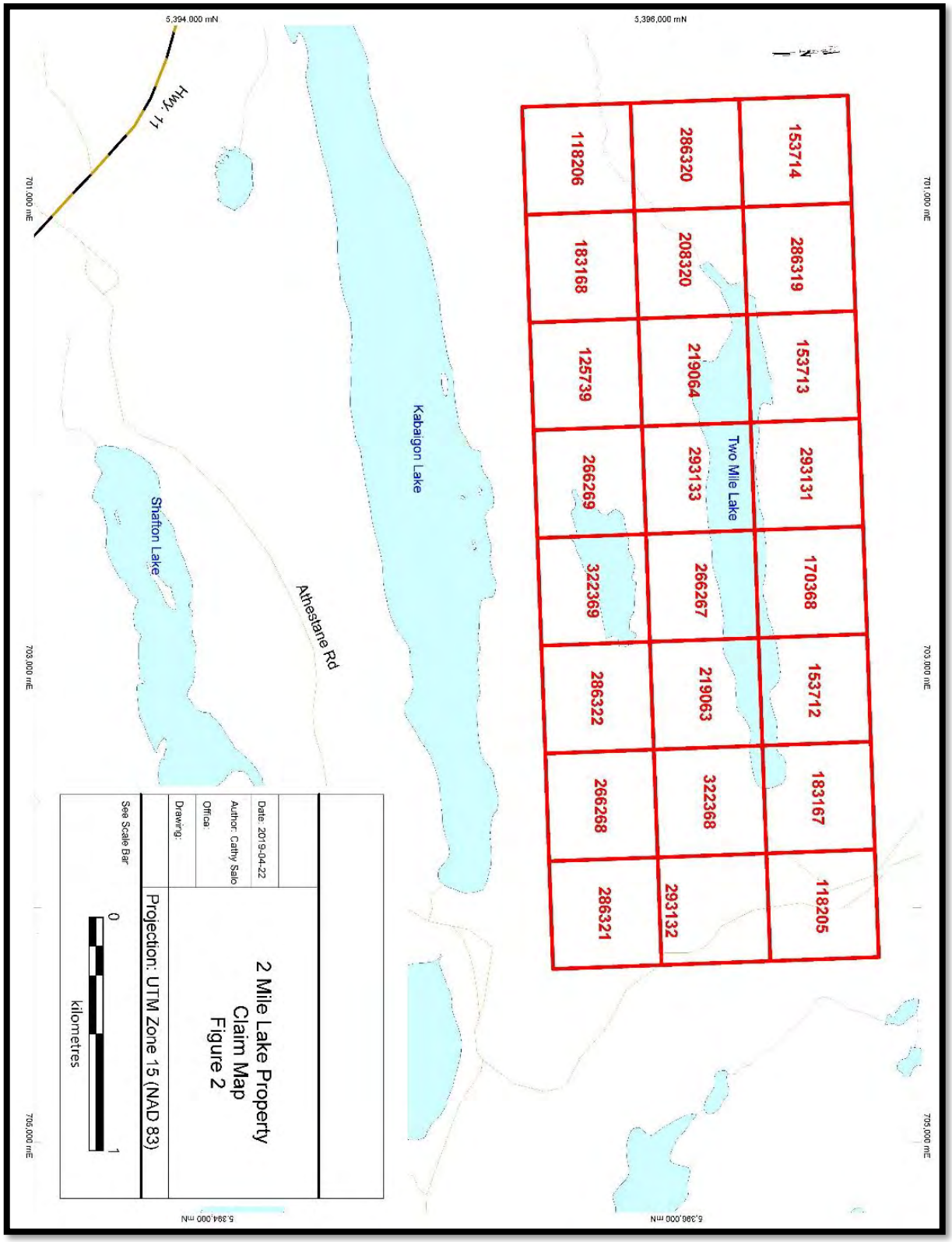

Figure 2: Two Mile Lake Property Claim Map

3.0 LOCATION, ACCESS AND TOPOGRAPHY

White Metal 2 mile Lake Property is situated within the Thunder Bay Mining District in northern Ontario, Canada. The claims are located approximately 1.5 kilometres north of Highway 11 and can be accessed on the TransCanada Highway about 97 kilometres from Thunder bay, then at north at Kobiagon on Athelstane Road for about 5 km kilometers (*see Figure1b*). The property is located north of Hagey Township and within NTS block 052B/09. The central point of the property is located approximately 702,392 E and 5,393,173 N, (UTM Zone 15, NAD 83). The unincorporated community of Shebandowan is located approximately 13 kilometres to the east along Highway 11.

The property is mainly covered in trees (spruce, poplar and alders) with minimal swamps and some small ponds. There are logging roads located on the property in various locations. See Figure 3.

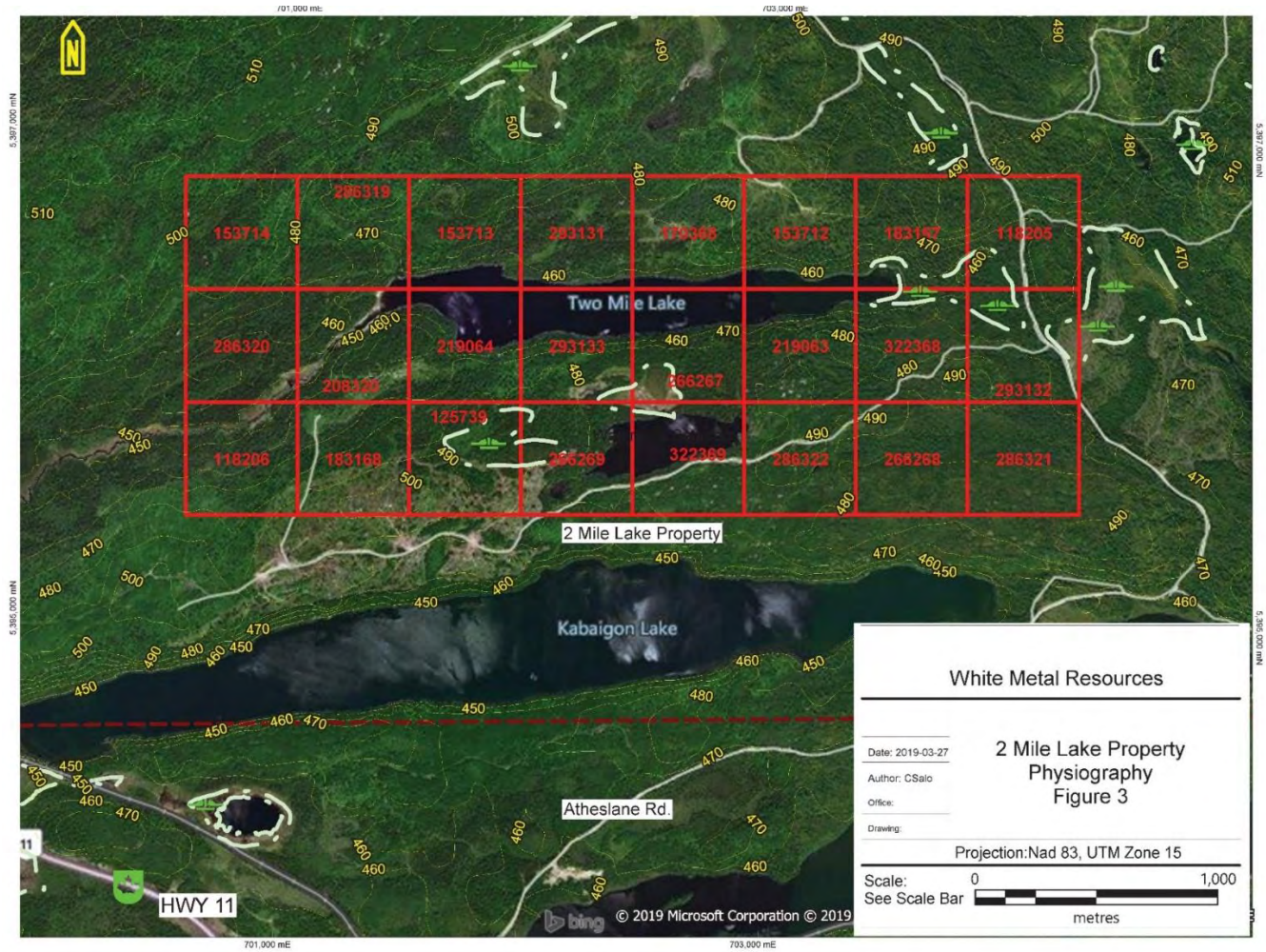

Figure 3: Physiography of the general area surrounding the property

4.0 PREVIOUS EXPLORATION

1980: Hudson Bay Exploration Company Ltd. completed a ground electromagnetic survey

1983: Alfred Lambert completed a ground magnetic and electromagnetic survey

1994: Clark-Eveleigh Consulting - geophysical (Max-Min II and Magnetics) and a geological survey

1998: Clark-Eveleigh Consulting – Trenching and mapping program

5.0 REGIONAL GEOLOGY

The Quetico Terrane is composed of variously migmatized metasedimentary rocks, consisting of predominately wacke and siltstone (northern part of claims). The Postan Fault is the boundary for the Quetico terrane and Wawa-Abitibi terrane in this location. The Wawa-Abitibi terrane consists of Archean greenstone belts and Tonalite-Trondhjemite-Granodiorite.

The 2.7 Ga Shebandowan greenstone belt in part of the Wawa-Abitibi terrane (southern part of claims) and contain the Greenwater and Shebandowan assemblages. The Greenwater assemblage is characterized by tholeiitic magmatism whereas younger Shebandowan assemblage is characterized by calc-alkalic magmatism. Rocks in the area are identified as ultramafic, Mafic intrusive rocks and intermediate intrusive and extrusive rocks, felsic volcaniclastic rocks, monzonite, conglomerate, banded iron formation, argillite and chert. (Hinz, 2018)

Based on the close spatial association of tholeiitic and calc-alkalic rocks as well as the presence of thick sequences of deep-ocean argillites, the geological environment was determined to be an oceanic-rifted arc through which a plume of heterogeneous deep-mantle melts ascended, that subsequently closed and then collided with the Superior Province. (Hinz, 2018)

Late Proterozoic diabase dikes also occur in intrude the rocks the Shebandowan Greenstone Belt. The felsic intrusive rocks include dikes, plugs and stocks. The ultramafic intrusive rocks occur mainly as dikes\sills but locally resemble flow rocks. The metamorphic grade varies from upper greenschist facies to lower amphibolite facies. The facing direction of the area indicates younging to the north. The area is structurally complex. Sub parallel thrust faults have caused stacking and overlapping of various units.

5.1. REGIONAL MINERALIZATION

The Shebandowan Lake Greenstone Belt is known to host economic deposits of copper-nickel- and platinum group elements, copper-gold and gold. Numerous sub-economic occurrences of copper-zinc, copper nickel and gold are prevalent within the belt.

The largest producer is the Shebandowan Copper-Nickel Mine operated by INCO. The copper-nickel sulfide mineralization is hosted within an ultramafic intrusive that has been strongly affected by belt scale faults.

The Vanguard Occurrence is located within the same group of rocks as the Two Mile Lake Property. The Vanguard is a zinc-copper rich horizon that has been truncated by various regional fault structures.

Vanguard West Deposit

200,000 tonnes

1.3% Cu, 1.5% Zn, 8.62 g/t Ag

Vanguard East Deposit

100,000 tonnes

1.8% Cu, 4.5% Zn, 6.8 g/t Ag, 5 g/t Au

6.0 PROPERTY GEOLOGY

The Two Mile property is made up metasediments in the northern part of the claims and metavolcanics in the southern part with the Postans Fault as the boundary between both.

The southern part of the Two Mile Lake Property is underlain by Archean rocks of the Shebandowan Greenstone Belt which is mainly composed of metavolcanic rocks with minor metasedimentary rocks. The property is predominantly underlain by mafic and felsic metavolcanic rocks and minor metasedimentary rocks intruded by bodies of gabbro. Several sulphide occurrences have been noted within the felsic volcanic rocks. The general strike of the various units on the property is east west with a vertical dip. (Mike Atkins, 1994)

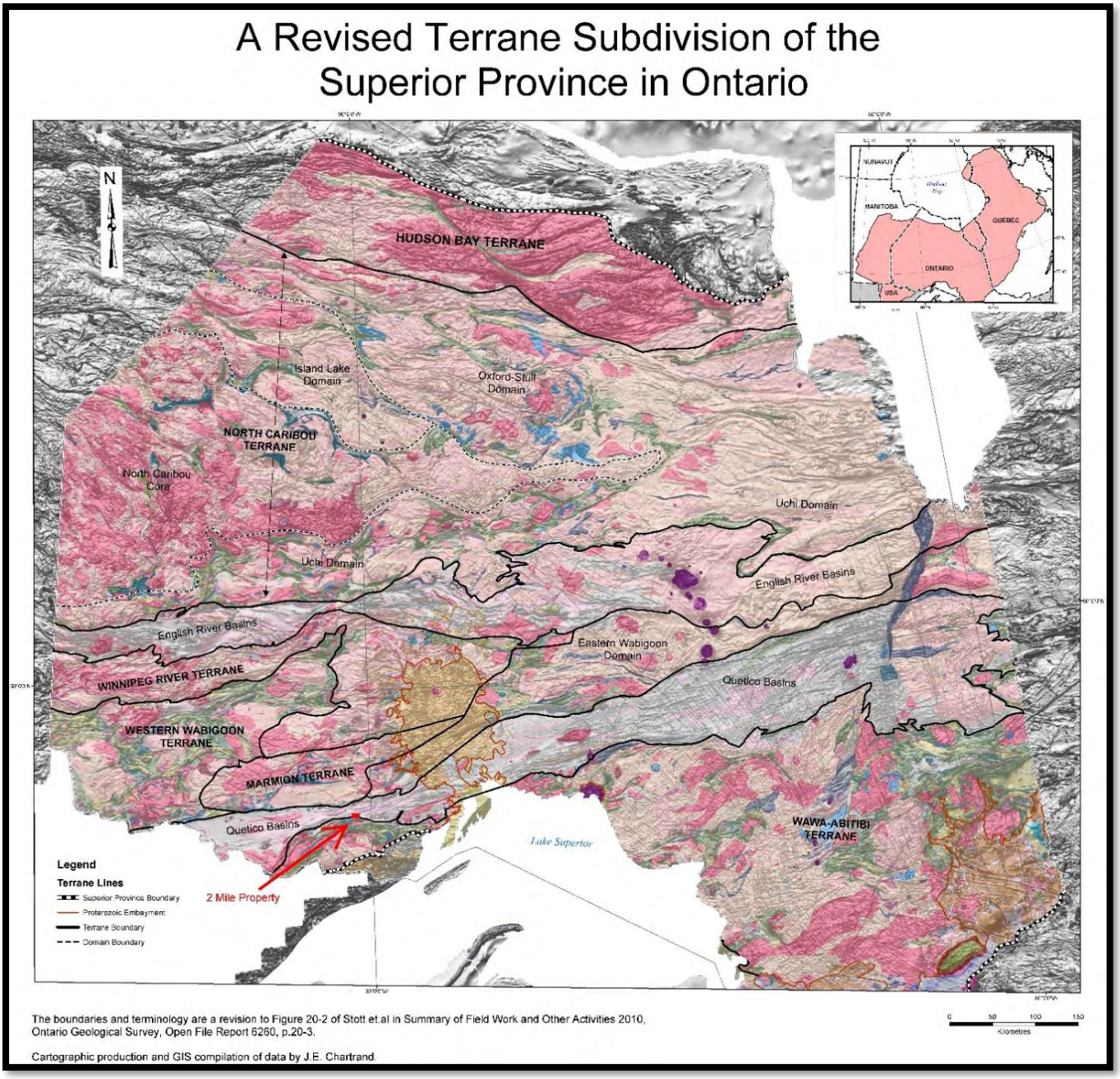

Figure 4: Revised Terrance Subdivision of Superior Province in Ontario.

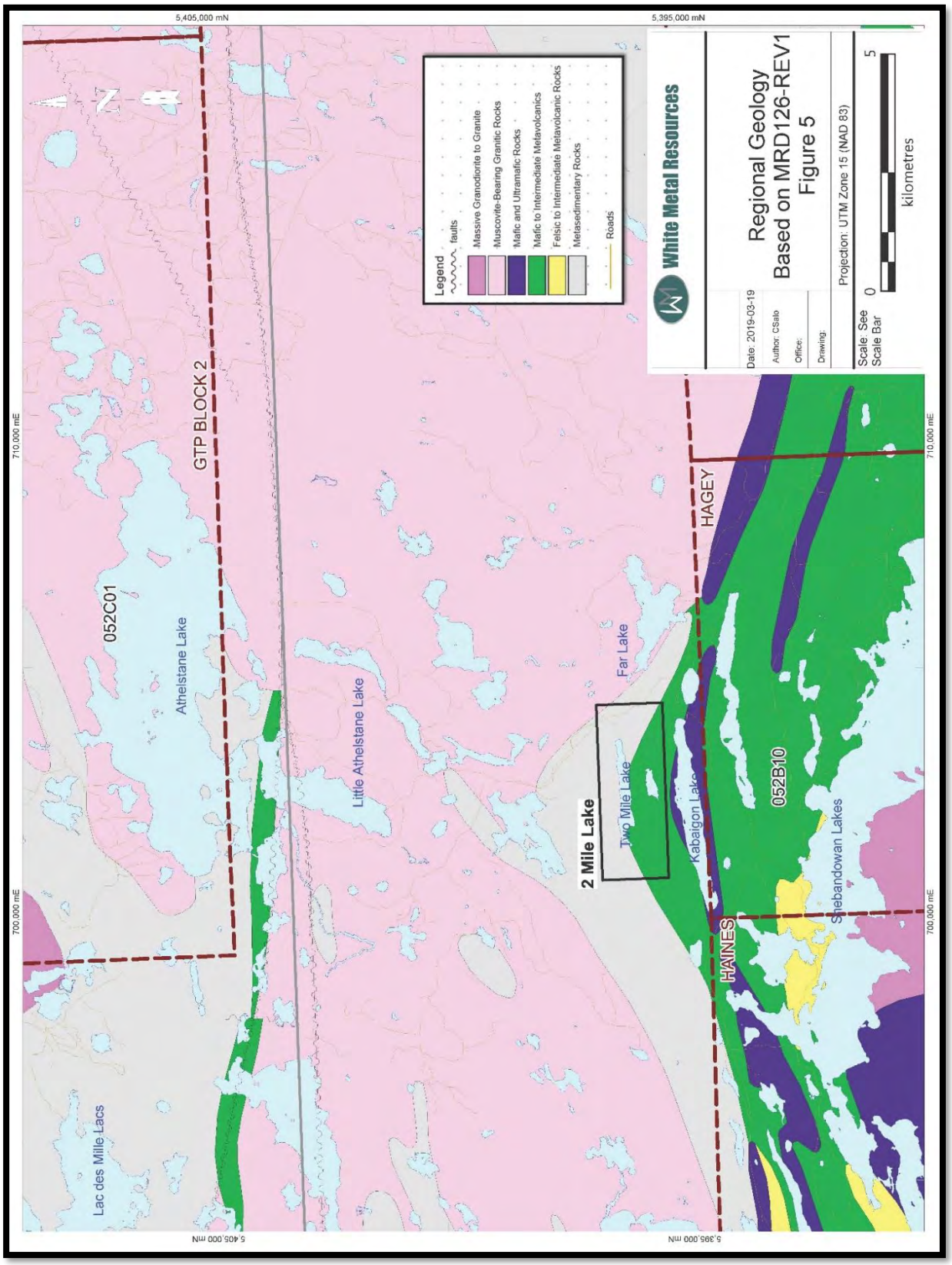

Figure 5: Regional geology based on MRD126-REV1

6.1. PROPERTY MINERALIZATION

Several sulphide occurrences have been noted within gabbroic rock and in carbonate shear zones in the sedimentary rocks. Minor magnetite was found in the gabbro. Refer to figure 6 for the locations of the various rock types.

7.0 ROCK, SOIL AND LAKE SEDIMENT SAMPLING

Lake sediment sampling program began January 18, 2018, resulting in 11 samples being collected. During the spring in April 2018 6 soil samples were collected to following up on the cross overs on the ground VLF geophysical survey. Then during August 8 and 9, 2018 13 rock samples were collected in various locations below 2 Mile Lake.

7.1. Lake Sediment Sampling Program

A grid was digitally designed using MapInfo software and coordinates calculated in Universal Transverse Mercator NAD83 Zone 15 projection for the geophysical survey starting in January 2018. Stations were calculated at 100 metre intervals for one line at an azimuth of 00 degrees. In the field position control was attained using Garmin 60CX GPS units and a picket grid was setup. The lake sediments were collected utilizing this same grid. For the Lake soil sampling program samples were collected using a torpedo-type sampler penetrating to a depth of 15 to 20 cm collecting humus, sand or gravel. Samples were collected in clean brown paper bags specifically designed for this type of material and dried on racks before shipment to the laboratory. A total of 12 samples were collected.

7.1.1. Lake sediment Analytical methods

Samples were submitted to Actlabs in Thunder Bay for analyses using their 1A2 Fire Assay AA package for gold, 1C - OES - Fire Assay - Au, Pd, Pt-ICP/OES and 1E3 Aqua Regia ICP package for 40 other elements. Analytical methods used have as described on the Actlab website has been include in appendix 4.

7.2. Rock and Soil Sampling Program

In April 2018 6 Soil samples were collected using a soil auger sampler penetrating to a depth of 15 to 20 cm. Samples were collected in clean brown paper bags specifically designed for this type of material and dried on racks before shipment to the laboratory. The soil samples were collected to test the VLF cross overs in an area. During two days of prospecting which started on August 8, 2018 a total of 13 samples were collected south of Two Mile Lake. The locations for the rock and soils were recorded using Garmin gps units. Both the April and August samples were submitted to the lab in August 2018.

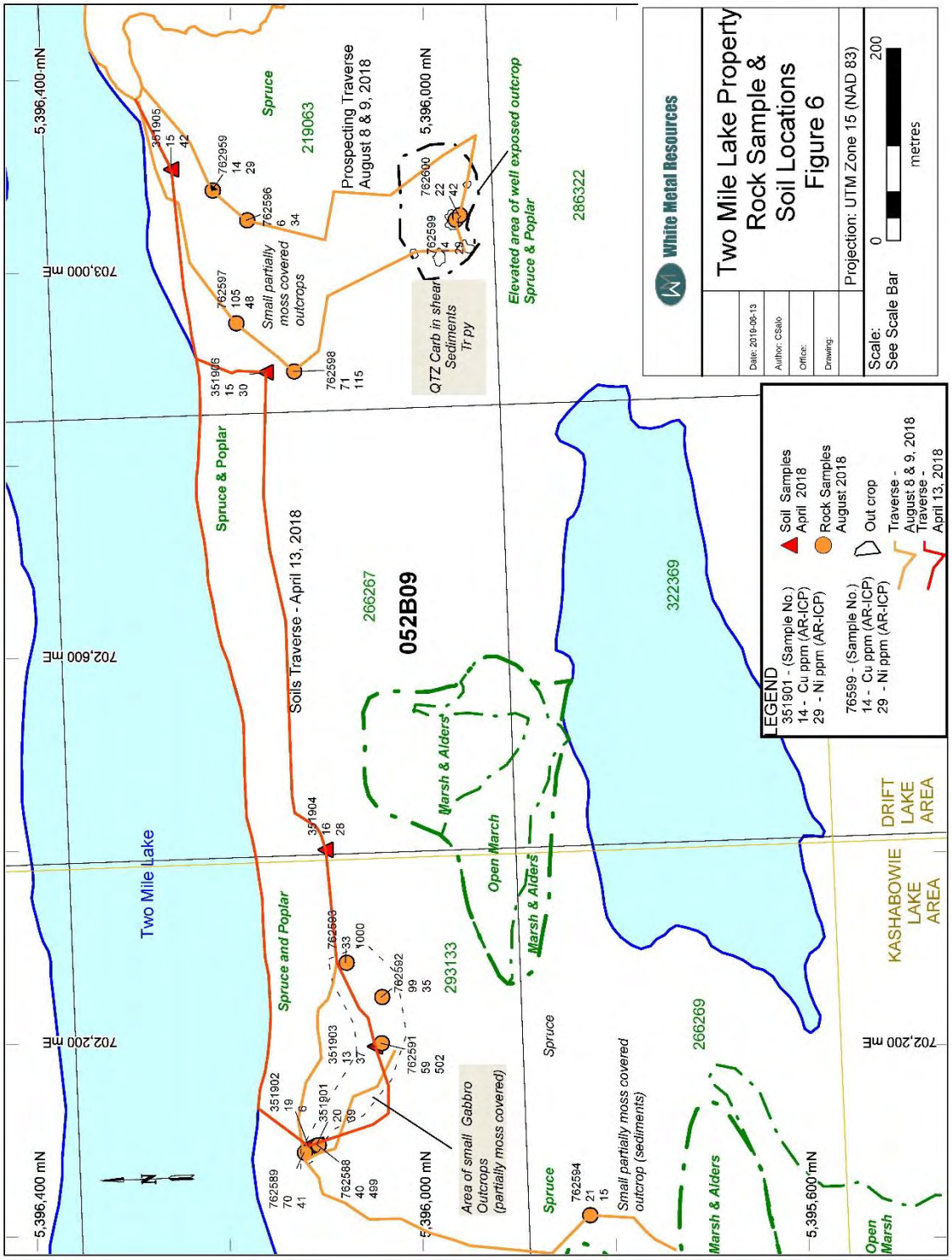

Figure 6: Sample location map showing rock and soil sampling with Cu & Ni Values in ppm.

Table 2: Rock and Soil sample locations and descriptions

Sample No.	UTM_E	UTM_W	Elevation	Description	Type
351901	702096	5396111	465	10 DEEP LIGHT BROWN"	SOIL
351902	702095	5396119	463	3 DEEP GREY CLAY"	SOIL
351903	702198	5396050	N/A	FOOT DEEP BROWN	SOIL
351904	702402	5396101	478	LIGHT BROWN	SOIL
351905	703108	5396261	468	LIGHT BROWN	SOIL
351906	702898	5396163	474	LIGHT BROWN	SOIL
762588	702095	5396109	472	NON-MAG? 1M FROM MAG ANOMILY	ROCK
762589	702088	5396124	471	GAB TR PY	ROCK
762591	702201	5396044	471	GAB EX MAG MAGNETITE	ROCK
762592	702249	5396044	479	GAB 1% FINE PY	ROCK
762593	702285	5396080	482	PROX EXTREMLY MAG	ROCK
762594	702023	5395828	478	CARB SHEAR IN SED	ROCK
762596	703055	5396184	483	GAB MED GR	ROCK
762597	702948	5396195	467	SED TR Po PY NON MAG	ROCK
762598	702898	5396135	474	CARB SHEAR SIL TR PY	ROCK
762599	703056	5395967	488	QTZ CARB IN SHEAR TPY (CHANNEL CUT)	ROCK
762600	703060	5395963	486	CARB SHEAR TR PY	ROCK
762959	703086	5396219	478	SED EXT MAG	ROCK

7.2.1. Rock and Soil Samples Analytical Methods

All samples were sent to Actlabs for 1C - OES - Fire Assay - Au, Pd, Pt-ICP/OES and 1E3 Aqua Regia ICP package. See Appendix 4 for methods and limits.

8.0 GROUND MAGNETIC, CEM AND VLF SURVEY

A CEM survey was carried out by Michael Stares and Cliff Hickman on a section on the grid which included the last 3 lines in the west. In this section the lines were spaced at 100m. Readings where then with a 25m coil and 50m coil at 25m spacings. This was completed on January 17, 2018

Ground Magnetic survey was performed covering Two Mile Lake with a picketed grid totalling 8.5 km and oriented north south. The line spacing was 100m and readings were taken every 12.5m. This survey occurred during January 20 to 26, 2018 by Cliff Hickman.

Bob Heilman collected the VLF data during the same time which included 3 lines in the west, 3 lines center and 3 lines to the East. These sections are spaced 600m apart. In each section the lines were spaced at 100m. Readings where then with a 25m coil and 50m coil at 25m spacings. See figure 7 and Map 1.

Below is a description of the equipment used for all the surveys along with specifications.

A Gem Systems GSM-19 over hauser magnetometer serial no. 7052358 was one of the instruments used for the ground surveys. These units have an accuracy of +/- 1/100th of a gamma. In this phase of work 2.4 km was surveyed taking 194 readings at 12.5 metre intervals. A GSM-19 base station was used to monitor and correct for the diurnal variation during the survey. This instrument reads to 1/10th of a gamma resolution. The base station cycled at 15-second intervals. All survey Results have been gridded using MapInfo by Paul Neilsen and presented in plan form by Cathy Salo at 1:5,000 scale in Nad 83, UTM Zone 15 (Map 1). See Table 3, 4 and 5 for data.

The Crone Radem VLF-EM which was manufactured by Crone Geophysics Ltd. of Mississauga, Ontario was used for the VLF-EM survey. Cutler Maine, transmitting at 24.0 kHz and at an approximate azimuth of 246” from the survey area, was used as the transmitting station. The Crone Radem VLF-EM receiver measures both the total field strength and the dip angle. The VLF-EM uses a frequency range li-cm about 15 lo 3X kllz. whereas most EM instruments use frequencies ranging from a few hundred to a few thousand Hz. Because of its I-relatively high frequency. the VLF-EM can detect zones of relatively lower conductivity. This results in it being a useful tool for geologic mapping in areas of overburden but it also often results in detection of weak anomalies that are difficult to explain. However, the VLF-EM can also detect sulfide bodies that have too low a conductivity for other EM methods to pick up. A total of 8.5 line kilometres were completed on the grid. Lines were orientated north South with readings being taken every 25 metres and 12.5.

The other Cem survey was completed using the Crone Electromagnetic Unit (CEM) manufactured by Crone Geophysics Limited, Mississauga, Ontario. The survey data is obtained by a two-man crew. Each man is equipped with a coil capable of receiving and transmitting, and

a power supply of three 6 volt batteries. The crew uses the "horizontal shoot back E.M." method of surveying. One man transmits while the other man receives, and then the procedure is reversed at the same station. The coil operates at frequencies of 5010 Hz., 1830 Hz., and 390 Hz. The magnetic field (primary field) caused by an alternating current in the transmitting coil induces an alternating current into any conductive medium within the range of the magnetic field. The conductive medium emits its own magnetic field (secondary field), and the combination of these two fields (primary and secondary) produces a resultant magnetic field. When the plane of the receiving coil is positioned in the direction of the resultant field, there is a minimal amount of current induced into the coil, and there is a minimum indication on the field strength meter set within the receiving coil. The dip angle is read from the clinometer when the receiving coil is in this nulled position. After the two men have reversed this procedure and each has taken a reading at the same location, the readings are summed to obtain a resultant dip angle. When the readings cancel each other producing a resultant dip angle of zero, no measurable subsurface conductivity exists. But when the re sultant dip angle is 5 or greater than an anomaly exists and detailed readings are taken. A detailed survey requires dip angle readings to be taken using at least two different frequencies. The shoot back method helps to eliminate effects due to topographical relief and coil misorientation. The transmitting and receiving coils were maintained at a 50m separation. Readings are always plotted midway between the coils.

Table 3: Readings from Magnetic survey

East	North		Field	Corrected
9800	10012.5		56497.82	56512.45
9800	10000.0		56442.96	56458.20
9800	9987.5		56380.63	56396.45
9800	9975.0		56344.18	56359.96
9800	9962.5		56321.52	56336.81
9800	9950.0		56354.56	56369.38
9800	9937.5		56340.89	56355.34
9800	9925.0		56339.19	56353.55
9800	9912.5		56354.48	56368.96
9800	9900.0		56358.90	56373.59
9800	9887.5		56346.37	56361.08
9800	9875.0		56313.52	56328.07
9800	9862.5		56259.17	56273.23
9800	9850.0		56253.54	56268.20

East	North		Field	Corrected
9800	9837.5		56264.17	56278.41
9800	9825.0		56250.71	56265.01
9800	9812.5		56202.83	56217.24
9800	9800.0		56191.15	56205.62
9800	9787.5		56184.13	56198.86
9800	9775.0		56190.52	56204.99
9800	9762.5		56264.18	56278.59
9800	9750.0		56218.67	56233.41
9800	9737.5		56080.15	56095.37
9800	9725.0		56100.96	56116.38
9800	9712.5		56206.96	56222.71
9800	9700.0		56226.90	56242.78
9700	9700.0		56147.39	56161.73
9700	9712.5		56373.85	56387.94
9700	9725.0		56143.67	56157.11
9700	9737.5		56138.66	56152.37
9700	9750.0		56242.64	56256.47
9700	9762.5		56159.41	56172.11
9700	9775.0		56173.78	56186.31
9700	9787.5		56202.30	56214.92
9700	9800.0		56236.01	56248.79
9700	9812.5		56271.42	56284.41
9700	9825.0		56267.43	56280.31
9700	9837.5		56243.57	56256.27
9700	9850.0		56240.29	56252.93
9700	9862.5		56240.53	56253.26
9700	9875.0		56245.10	56257.95
9700	9887.5		56281.46	56294.09

East	North		Field	Corrected
9700	9900.0		56290.51	56303.11
9700	9912.5		56297.83	56310.21
9700	9925.0		56301.42	56313.58
9700	9937.5		56307.20	56319.67
9700	9950.0		56292.92	56305.35
9700	9962.5		56273.70	56286.68
9700	9975.0		56288.86	56302.16
9700	9987.5		56305.91	56318.79
9700	10000.0		56320.50	56333.14
9700	10012.5		56356.41	56368.66
9600	10062.5		56088.46	56100.30
9600	10050.0		56415.69	56428.01
9600	10037.5		56480.42	56493.02
9600	10025.0		56403.17	56415.61
9600	10012.5		56359.44	56371.76
9600	10000.0		56313.25	56325.06
9600	9987.5		56275.27	56287.13
9600	9975.0		56286.19	56298.25
9600	9962.5		56296.19	56308.42
9600	9950.0		56304.69	56316.88
9600	9937.5		56315.96	56327.88
9600	9925.0		56325.34	56337.10
9600	9912.5		56322.37	56334.07
9600	9900.0		56309.99	56321.72
9600	9887.5		56282.64	56294.36
9600	9875.0		56259.72	56271.42
9600	9862.5		56246.90	56258.59
9600	9850.0		56234.07	56245.66

East	North		Field	Corrected
9600	9837.5		56230.45	56241.81
9600	9825.0		56233.78	56245.03
9600	9812.5		56248.86	56260.06
9600	9800.0		56250.78	56262.18
9600	9787.5		56222.19	56233.87
9600	9775.0		56191.26	56202.62
9600	9762.5		56187.72	56199.17
9600	9750.0		56208.21	56219.93
9600	9737.5		56185.02	56196.97
9600	9725.0		56164.89	56176.69
9600	9712.5		56061.60	56073.37
9600	9700.0		56097.51	56109.21
9600	9687.5		56052.69	56064.65
9600	9675.0		55822.92	55835.06
9600	9662.5		56439.43	56451.52
9600	9650.0		56007.70	56019.90
9600	9637.5		56010.59	56023.32
9600	9625.0		56193.91	56206.31
9500	9600.0		55914.60	55926.17
9500	9612.5		54871.53	54883.78
9500	9625.0		56176.79	56188.92
9500	9637.5		56080.21	56092.56
9500	9650.0		56081.61	56094.04
9500	9662.5		56104.16	56116.67
9500	9675.0		56132.52	56145.49
9500	9687.5		56183.98	56197.05
9500	9700.0		56181.11	56193.76
9500	9712.5		56200.66	56213.01

East	North		Field	Corrected
9500	9725.0		56163.70	56174.94
9500	9737.5		56241.99	56253.39
9500	9750.0		56240.59	56252.52
9500	9762.5		56249.48	56261.75
9500	9775.0		56232.71	56245.24
9500	9787.5		56235.50	56247.78
9500	9800.0		56247.05	56259.00
9500	9812.5		56224.48	56235.91
9500	9825.0		56260.77	56272.18
9500	9837.5		56263.99	56275.14
9500	9850.0		56244.43	56255.64
9500	9862.5		56266.23	56278.15
9500	9875.0		56278.64	56290.18
9500	9887.5		56282.21	56293.89
9500	9900.0		56206.60	56218.75
9500	9912.5		56296.36	56309.24
9500	9925.0		56300.05	56313.06
9500	9937.5		56304.96	56317.77
9500	9950.0		56310.25	56322.66
9500	9962.5		56306.64	56318.56
9500	9975.0		56318.22	56329.60
9500	9987.5		56348.85	56360.06
9500	10000.0		56383.03	56394.57
9500	10012.5		56401.06	56412.83
9500	10025.0		56327.54	56340.07
9500	10037.5		56241.60	56254.00
9500	10050.0		56073.57	56085.70
9400	10025.0		56364.74	56376.22

East	North		Field	Corrected
9400	10012.5		56785.04	56796.40
9400	10000.0		56970.08	56981.21
9400	9987.5		56866.75	56877.59
9400	9975.0		56857.88	56869.07
9400	9962.5		56730.30	56741.38
9400	9950.0		56603.12	56614.29
9400	9937.5		56492.32	56503.41
9400	9925.0		56426.12	56437.44
9400	9912.5		56265.18	56277.00
9400	9900.0		56366.95	56378.46
9400	9887.5		56330.82	56342.38
9400	9875.0		56277.82	56289.56
9400	9862.5		56316.41	56327.74
9400	9850.0		56247.38	56258.55
9400	9837.5		56227.37	56238.71
9400	9825.0		56290.60	56302.08
9400	9812.5		56269.78	56281.16
9400	9800.0		56281.97	56293.22
9400	9787.5		56251.96	56263.57
9300	9800.0		56251.18	56262.93
9300	9812.5		56735.22	56747.12
9300	9825.0		53497.29	53509.06
9300	9837.5		56046.13	56057.84
9300	9850.0		56377.49	56389.04
9300	9862.5		56302.99	56314.55
9300	9875.0		56302.73	56314.47
9300	9887.5		56308.49	56320.39
9300	9900.0		56407.59	56419.36

East	North		Field	Corrected
9300	9912.5		56459.05	56470.85
9300	9925.0		56499.14	56510.85
9300	9937.5		56593.11	56604.89
9300	9950.0		56724.49	56736.31
9300	9962.5		56832.03	56843.88
9300	9975.0		56737.26	56749.27
9300	9987.5		56502.68	56514.61
9300	10000.0		56502.04	56513.92
9200	10000.0		56166.80	56178.71
9200	9987.5		56171.27	56183.23
9200	9975.0		56257.92	56270.07
9200	9962.5		56306.81	56319.07
9200	9950.0		56458.19	56470.56
9200	9937.5		56539.50	56551.99
9200	9925.0		56612.17	56624.70
9200	9912.5		56632.72	56645.30
9200	9900.0		56419.29	56432.27
9200	9887.5		56438.81	56451.53
9200	9875.0		56398.43	56411.09
9200	9862.5		56360.49	56373.24
9200	9850.0		56298.68	56311.84
9200	9837.5		56305.61	56318.67
9200	9825.0		56208.69	56221.92
9200	9812.5		56267.03	56280.44
9200	9800.0		56258.98	56272.55
9200	9787.5		56254.12	56267.87
9200	9775.0		56482.81	56496.48
9200	9762.5		56587.98	56601.55

East	North		Field	Corrected
9200	9750.0		56175.41	56189.06
9100	9775.0		56346.52	56360.46
9100	9787.5		56222.60	56236.64
9100	9800.0		56350.99	56365.34
9100	9812.5		56391.60	56406.00
9100	9825.0		56458.20	56472.69
9100	9837.5		56430.13	56445.26
9100	9850.0		56428.76	56444.10
9100	9862.5		56485.76	56500.72
9100	9875.0		56233.90	56248.87

Table 4: VLF data

Line	**Station**	Reading
92+00E	100+00N	-12
	99+75N	-12
	99+50N	-12
	99+25N	-10
	99+00N	No Reading
	98+75N	12
	98+50N	18
	98+25N	10
	98+00N	2
	97+75N	-12
	97+50N	-12
L93+00E	100+00N	-18
	99+75N	-18
	99+50N	10
	99+25N	20
	99+00N	23
	98+75N	18

Line	**Station**	Reading
	98+50N	6
	98+25N	-18
	98+00N	2
	97+75N	10
L94+00E	100+25N	-20
	100+00N	-20
	99+75N	-2
	99+50N	10
	99+25N	20
	99+00N	28
	98+75N	20
	98+50N	12
	98+25N	10
	98+00N	18
	97+87.5N	15
L100+00E	100+00N	-10
	99+75N	-10
	99+50N	-10
	99+25N	-8
	99+00N	0
	98+75N	2
	98+50N	6
	98+25N	6
	98+00N	-2
	97+75N	0
	97+50N	0
	97+25N	-8
	97+00N	15
	96+75N	-6
L101+00E	100+00N	-12
	99+75N	-10
	99+50N	-8
	99+25N	-6
	99+00N	-2
	98+75N	2
	98+50N	2
	98+25N	6
	98+00N	2
	97+75N	8
	97+50N	0

Line	**Station**	Reading
	97+25N	8
	97+00N	0
L102+00E	100+25N	-20
	100+00N	-12
	99+75N	-10
	99+50N	0
	99+25N	0
	99+00N	-2
	98+75N	0
	98+50N	6
	98+25N	6
	98+00N	0
	97+75N	14
	97+50N	6
	97+25N	0
	97+00N	-10
L110+00E	100+75N	-20
	100+50N	-12
	100+25N	-6
	100+00N	0
	99+75N	-6
	99+50N	-8
	99+25N	0
	99+00N	-18
	98+75N	-8
	98+50N	15
	98+25N	5
L109+00E	100+50N	-25
	100+25N	-10
	100+00N	-4
	99+75N	0
	99+50N	0
	99+25N	6
	99+12.5N	-4
	99+00N	-10
	98+87.5N	-10
	98+75N	40
	98+62.5N	20
	98+50N	15
	98+37.5N	12

Line	**Station**	Reading
	98+25N	10
	98+12.5N	4
	98+00N	0
L108+00E	101+00N	0
	100+75N	-6
	100+50N	-16
	100+25N	-10
	100+00N	0
	99+75N	0
	99+50N	0
	99+25N	0
	99+00N	-10
	98+75N	-10
	98+62.5N	-8
	98+50N	4
	98+37.5N	12
	98+25N	10

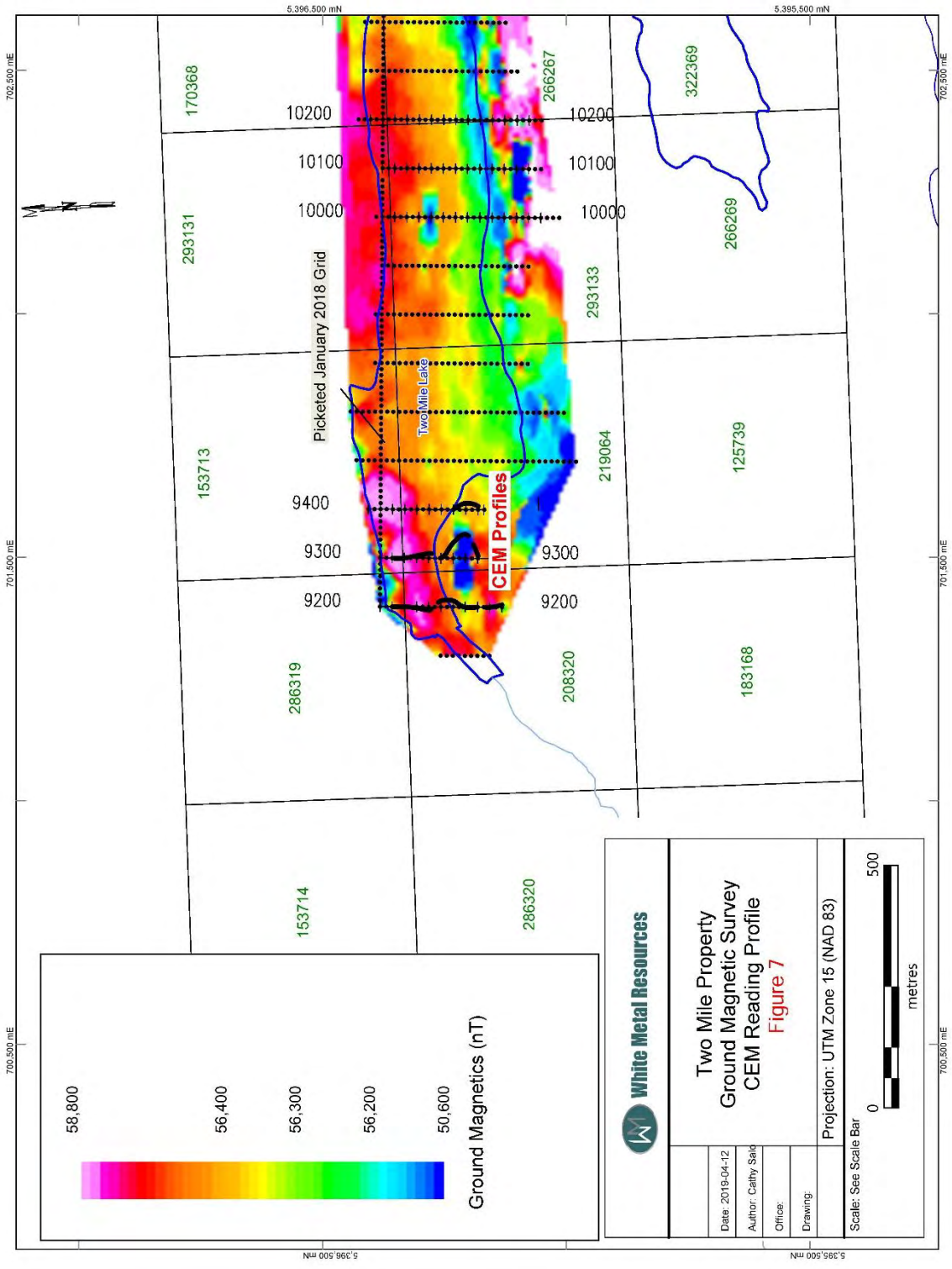

Figure 7: Ground Magnetic Geophysics Survey with CEM Profiles

Table 5: CEM data

CEM TWO MILE LAKE GRID		Chief			Lead			Reading	
		M (1830 HZ)	L (390 HZ)	H (5010 HZ)	M	L	H		50M COIL
92+00E	99+75N	0			0			0	
	99+50N	-2			-2			0	
	99+25N	-5			-4			-1	
	99+00N	-3			0			-3	
	98+75N	25			-15			5	
	98+50N	25			-20			5	
	98+25N	20			-20			0	
	98+00N	26			-26			0	
	97+75N	26			-16			0	
	97+50N	12			-10			2	
									25 METER COIL
93+00E	99+75N	0			0			0	
	99+50N	0			0			0	
	99+25N	2			0			2	
	99+00N	16			-12			4	
	98+75N	36			-36			0	
	98+50N	25	22	20	-12	-10	-10	13	
	98+25N	30	25	25	-10	-12	-10	20	
	98+00N	20	20	20	-18	-18		2	
94+00E	98+00N	-17			14			3	
	98+25N	-25	-25		20	30		5	
	98+50N	-22			22			0	

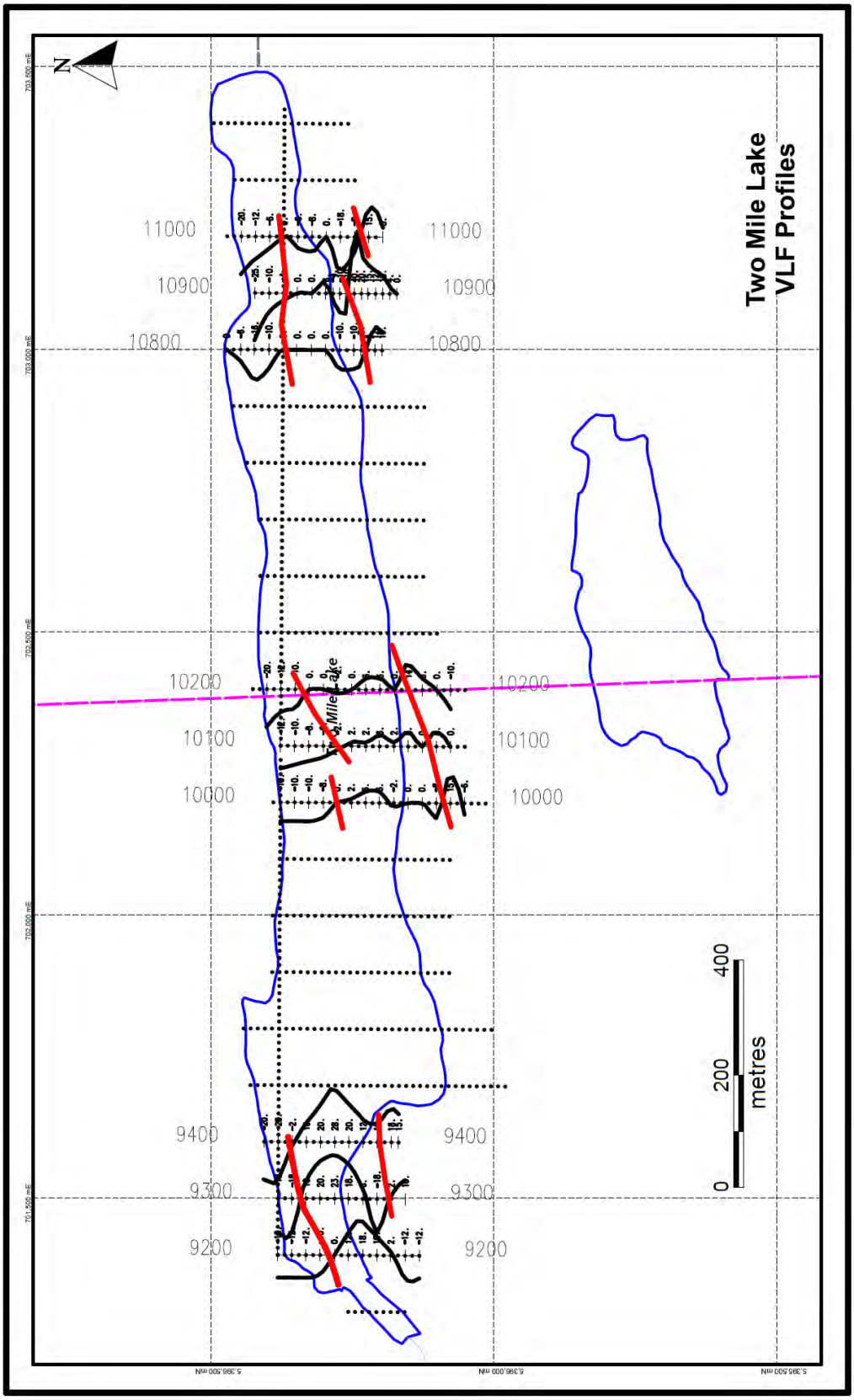

Figure 8: Two Mile Lake VLF profiles with cross overs.

9.0 RECOMMENDATIONS AND CONCLUSIONS

Addition VLF geophysics is recommended on areas of the grid which was not covered during January 2018. This along with further prospecting and soil sampling programs to follow up on significant nickel results (Sample 762593 at >1000) to cover the area of the geophysics VLF cross overs in more detail.

10.0 REFERENCES

Stott, G.M. (1973): Ontario Geological Survey Map M 2267, Lower Shebandowan Lake, Thunder Bay District.

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Hinz, Sheree Laina Kirsten, (2018): Geochemistry and petrography of the ultramafic metavolcanic rocks in the eastern portion of the Shebandowan greenstone belt, Northwestern Ontario

Mike Atkins, (winter 1994): Report on the Kabigon Lake Property, - Clark-eveleigh Consulting

Clark-Eveleigh Consulting (January 13, 1998): Assement Report Trenching and Mapping Program on Kabigon Lake Property - Thunder Bay, Ontario

11.0 CERTIFICATION OF QUALIFICATIONS

I, Cathy Salo, of 475 Francis St. East, Thunder bay, Ontario, do hereby certify that"

1. I hold a Bachelor of Science Degree in Earth Science (1989) from Memorial University of Newfoundland, St. John's Newfoundland and Labrador.

2. I have practiced my profession in Ontario since 1989 and have been employed directing by mining exploration companies and for the last 17 years the sole propiertory of Salo Geoscience Services with multiple exploration companies as clients in Ontario.

Signature Cathy Salo

Date Sept 30/2019

Name: Bob Heilman **Project: Two Mile Lake** Date: January to August 2018

Year	Mon.	Day	full/part day	Name	Activity Summary	Rock/Mineralization/soil	Veg./ Tree type	Ov	Vehicles/boats/ ski-doo	equip./Rentals
2018	Jan	18		Heilman	Lake sediments taken on grid	Black Mud	Lake		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	19		Heilman	Lake sediments taken on grid	Black Mud	Lake		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	20		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	22		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	23		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	24		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	25		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Jan	26		Heilman	VLF survey done on grid and Flagging compass line		spruce		Ski-doo rented by Mick stares	VLF/Mag rental by Mick Stares
2018	Feb	2		Heilman	downloading VLF					
2018	April	13		Heilman	Soil sampling, south of lake	Clay and light brown	lake	B horizon ?		
2018	April	16	1/2	Heilman	Remove January's picket grid		lake			
2018	aug	8		Heilman	Rock samples south of Lake	Sheared Qtz carb., tr py	spruce/alders/poplars			
2018	Aug	9		Heilman	Rock samples south of Lake	Gabbros and sediments Py + Po	spruce			

Name: Cliff Hickman **Project: Two Mile Lake** Date: January to August 2018

Year	Mon.	Day	full/part day	Name	Activity Summary	Rock/Mineralization/soil	Veg./ Tree type	Ov	Vehicles/boats/ ski-doo	equip./Rentals
2018	Jan	7	Full	Hickman	Put in pickets for grid for upcoming Geophyiscs and Lake sediments		spruce		truck	
2018	Jan	8	Full	Hickman	Put in pickets for grid for upcoming Geophyiscs and Lake sediments		spruce		truck	
2018	Jan	16	Full	Hickman	Go over CEM with Stares					
2018	Jan	17	Full	Hickman	CEM on property grid		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	18	Full	Hickman	Lake sediments taken on grid	Black mud	Lake		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	19	Full	Hickman	Lake sediments taken on grid	Black mud	Lake		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	20	Full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	22	Full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	23	full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	24	full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	25	Full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Jan	26	Full	Hickman	Magnetic survey done on grid and Flagging compass line		spruce		ski-doo, truck	VLF/Mag rental by Mick Stares
2018	Feb	2	Full	Hickman	Downloading Mag & VLF					
2018	April	13	Full	Hickman	Soil sampling south of lake	Clay and light brown	lake	B horizon?	truck, Ski-doo	
2018	April	16	1/2	Hickman	Remove January's picket grid		lake		truck, Ski-doo	
2018	aug	8	Full	Hickman	rock samples south of Lake	Sheared Qtz carb., tr py	spruce/alders/poplars		truck	
2018	Aug	9	Full	Hickman	rock samples south of Lake	Gabbros and sediments Py + Po	spruce		truck	

Name: Micheal Stares **Project: Two Mile Lake** Date: December 2017 to September 20, 2018

Year	Mon.	Day	full/part day	Name	Activity Summary	Rock/Mineralization/soil	Veg./ Tree type	Ov	Vehicles/boats/ ski-doo	equip./Rentals
2017	Dec	5		Stares	Compilation maps for upcoming field work					
2017	Dec	7		Stares	Compilation maps for upcoming field work					
2017	Dec	14		Stares	compilation maps for Magnetic survey upcoming field work					
2018	Jan	3		Stares	Plotting GP maps for upcoming survey					
2018	Jan	4		Stares	Prepare maps for upcoming lake sediment survey					
2018	Jan	6		Stares	Prepare maps for upcoming lake sediment survey					
2018	Jan	8		Stares	Prepare maps for upcoming vlf survey					
2018	Jan	9		Stares	Prepare maps for upcoming Magnetic survey					
2018	Jan	16		Stares	Go over CEM with Hickman					
2018	Jan	17		Stares	CEM with Hickman on property Grid		Spruce		Ski-doo	
2018	Jan	26		Stares	Download and plot CEM data					
2018	Feb	14		Stares	Download data for VLF and Mag					
2018	Feb	20	1/2	Stares	continue with data for vlf and Mag					
2018	Feb	26	1/2	Stares	continue with data for vlf and Mag					
2018	Sept	20		Stares	Compilation maps from field data					

Appendix 6

Map

Appendix 1 – List of Personnel

Employee/Contractor	Activities
Michael Stares	Ground geophysics
Hickman Prospecting Services (Cliff Hickman)	Grid, Lake and soil sampling, Rock Sampling, Geophysics (Magnetic and CEM)
Paul Neilsen (Paul Nielsen P.Geo Consulting)	GIS Compilation - Support
Bob Heilman	Grid, VLF survey, lake and soil samples, Rock sampling
Cathy Salo (Salo Geoscience)	GIS Compilation & Report
Benton Resources (Michael Stares)	Ground geophysics

Appendix 2– List of Service Providers

Contractor/Vendor	Location	Services & Products
Activation Labs (Actlab)	Thunder Bay, ON	Sample Analysis

Appendix 3

Sample Descriptions and Results

Lake Sediment Sample Locations and Results

Analyte Symbol			Au	Au	Pd	Cd	Cu	Mn	Ni	Pb	Zn
Unit Symbol			ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit			5	2	5	0.5	1	5	1	2	2
Analysis Method			FA-AA	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Sample no.		Easting	Northing								
1195951		701400	5396323	6	< 2	< 5	< 0.5	33	176	24	22	56
1195952		7016599	5396374	8	3	6	< 0.5	49	271	33	7	49
1195953		701800	5396377	8	< 2	< 5	< 0.5	25	225	27	7	54
1195954		702000	5396375	5	49	< 5	< 0.5	22	254	35	6	50
1195955		702200	5396372	< 5	< 2	< 5	< 0.5	41	332	39	10	77
1195956		702400	5396375	8	< 2	< 5	0.8	58	465	57	40	133
1195957		702600	5396376	6	< 2	< 5	0.6	54	430	50	13	117
1195958		702800	5396379	6	2	< 5	< 0.5	57	464	50	28	116
1195959		702992	5396381	7	6	< 5	< 0.5	45	412	47	12	108
1195960		703200	5396376	5	< 2	< 5	< 0.5	48	357	40	13	63
1195961		703395	5396406	9	< 2	< 5	< 0.5	73	327	43	9	57

Rock and Soil Samples Description and results

Analyte Symbol						Au	Pd	Pt	Ag	Cu	Ni	Pb	Zn
Unit Symbol						ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
Detection Limit						2	5	5	0.2	1	1	2	2
name	UTM_E	UTM_W	ele	desc	Type	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
351901	702095.8	5396111	464.5898	10 DEEP LIGHT BROWN"	SOIL	2	< 5	< 5	< 0.2	20	39	7	58
351902	702094.7	5396119	462.8516	3 DEEP GREY CLAY"	SOIL	< 2	< 5	< 5	< 0.2	19	6	16	31
351903	702197.8	5396050	0	FOOT DEEP BROWN	SOIL	< 2	< 5	< 5	< 0.2	13	37	3	40
351904	702402	5396101	478.1013	LIGHT BROWN	SOIL	< 2	< 5	< 5	< 0.2	16	28	3	41
351905	703107.9	5396261	468.4667	LIGHT BROWN	SOIL	< 2	< 5	< 5	< 0.2	15	42	5	44
351906	702897.5	5396163	473.5055	LIGHT BROWN	SOIL	< 2	< 5	< 5	< 0.2	15	30	9	42
762588	702095.4	5396109	472.2814	NON MAG ? 1M FROM MAG ANOMILY	ROCK	< 2	8	11	< 0.2	40	499	< 2	54
762589	702087.6	5396124	470.955	GAB TR PY	ROCK	< 2	< 5	< 5	< 0.2	70	41	< 2	45
762591	702201.3	5396044	471.2787	GAB EX MAG MAGNETITE	ROCK	3	< 5	7	< 0.2	59	502	< 2	29
762592	702249.1	5396044	478.8858	GAB 1% FINE Po	ROCK	< 2	< 5	< 5	< 0.2	99	35	< 2	46
762593	702284.7	5396080	481.7391	PROX EXTREMLY MAG	ROCK	< 2	< 5	< 5	< 0.2	33	1000	2	28
762594	702022.6	5395828	478.1845	CARB SHEER IN SED	ROCK	< 2	< 5	< 5	0.2	21	15	9	15
762596	703055.1	5396184	483.1398	GAB MED GR	ROCK	< 2	< 5	< 5	< 0.2	6	34	< 2	30
762597	702948.2	5396195	467.0919	SED TR Po PY NON MAG	ROCK	< 2	< 5	< 5	< 0.2	105	48	< 2	34
762598	702898.2	5396135	474.2279	CARB SHEER SIL TR PY	ROCK	4	< 5	< 5	< 0.2	71	115	< 2	131
762599	703055.7	5395967	487.7094	QTZ CARB IN SHEER TR PY (CHANNEL CUT)	ROCK	< 2	< 5	< 5	< 0.2	14	29	4	62
762600	703060.5	5395963	486.3888	CARB SHEER TR PY	ROCK	3	< 5	< 5	0.4	22	42	3	44

Appendix 4

Actlab methods and limits

Close This Window

1A2 - (1A2-30 or 50) Au Fire Assay - AA

Fire Assay Fusion

A sample size of 5 to 50 grams can be used but the roune` size is 30 g for rock pulps, soils or sediments (exploraon` samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the enr e fusion process lasng` 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead buĀon at the base of the mould. The lead buĀon is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

AA Finish

The enr e Ag dore bead is dissolved in aqua regia and the gold content is determined by AA (Atomic Absorpo n). AA is an instrumental method of determining element concentraon` by introducing an element in its atomic form, to a light beam of appropriate wavelength causing the atom to absorb light. The reducon` in the intensity of the light beam directly correlates with the concentraon` of the elemental atomic species.On each tray of 42 samples there is two blanks, three sample duplicates and 2 cerfied` reference materials, one high and one low (QC 7 out of 42 samples). We generally rerun all gold by fire assay gravimetric over 5,000 ppb to ensure accurate values

Code 1A2 (Fire Assay-AA) Detecon Limits (ppb)

Element	Detecon Limit	Upper Limit
Au	5	5,000

Close This Window

1C - OES - Fire Assay - Au, Pd, Pt-ICP/OES

A sample size of 5 to 50 grams can be used but the roune` size is 30 g for rock pulps, soils or sediments (exploraon` samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the enr e fusion process lasng 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead buAon at the base of the mould. The lead buAon is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au, Pt and Pd.

The Ag doré bead is digested in hot (95°C) HNO_3 + HCl. After cooling for 2 hours the sample soluon` is analyzed for Au, Pt, Pd by ICP/OES using a Varian 735 ICP. The instrument is recalibrated every 45 samples. On each tray of 42 samples there are two method blanks, three sample duplicates, and 2 cerfied r eference materials.

For vegetao n ash samples a lower weight can be used but will result in elevated detecon limits. Smaller sample splits are used for high chromite or sulphide samples to ensure proper fluxing and metal recoveries.

If values exceed upper limits, reanalysis by fire assay Au, Pt, Pd (Code 8) is recommended.

Code 1C-OES Elements and Detecon Limits (ppb)

Element	Detecon Limit	Upper Limit
Au	2	30,000
Pt	5	30,000
Pd	5	30,000

References :

Hoffman, Eric L. and Dunn, Bernie, 2002. Sample Preparaon` and Bulk Analyc al Methods for PGE. CIM Specal Volume 54 The Geology, Geochemistry and Mineral Beneficiaon of Plaànum Gr oup Elements Edited by Louis J. Cabri, pp.1-11.

Hoffman, Eric L., Clark, John R. and Yeager, James R., 1998. Gold Analysis – Fire Assaying and Alternav e Methods. *Explor. Mining Geology* , Volume 7, Nos. 1 and 2, pp. 155-160.

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1E3 - Aqua Regia - ICP

0.5 g of sample is digested with aqua regia for 2 hours at 95 °C. The sample is cooled and then diluted with deionized water. The samples are then analyzed using an Agilent 700 series ICP for the 38 element suite. QC for the digeson` is 15% for each batch, 2 method reagent blanks, 6 in-house controls, 8 sample duplicates and 5 cerfied` reference materials. An addional` 20% QC is performed as part of the instrumental analysis to ensure quality in the areas of instrumental drift.

Code 1E3 Elements and Detecon Limits (ppm eąxcept where noted)

Element	Detecon Limit	Upper Limit
Ag	0.2	100
Al	0.01%	8%
As	2	10,000
B	10	10,000
Ba	10	10,000
Be	0.5	1000
Bi	2	10,000
Ca	0.01%	10%
Cd	0.5	2,000
Co	1	10,000
Cr	1	10,000
Cu	1	10,000
Fe	0.01%	30%

Element	Detecon Limit	Upper Limit
Ga	10	10,000
Hg	1	10,000
K	0.01%	10%
La	10	10,000
Mg	0.01%	25%
Mn	5	100,000
Mo	1	10,000
Na	0.001%	10%
Ni	1	10,000
P	0.001%	5%
Pb	2	5,000
S^{+}	0.01%	20%
Sb	2	10,000

Element	Detecon Limit	Upper Limit
Sc	1	10,000
Sr	1	10,000
Te	1	500
Th	20	10,000
Ti	0.01%	10%
Tl	2	10,000
U	10	10,000
V	1	10,000
W	10	200
Y	1	1000
Zn	2	10,000
Zr	1	10,000

Notes:
Extracon of each elemen t by Aqua Regia Digeson is dependen t on mineralogy.
+ Sulphide sulphur and soluble sulphates are extracted.
Assays are recommended for values which exceed the upper limits.

Printed from: Actlabs
http://www.actlabs.com/

Appendix 5

Actlab Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 30-Jan-18
Invoice No.: A18-00993
Invoice Date: 20-Feb-18
Your Reference: Two Mile Lake

White Metal Resources
3250 Highway,130 Rosslyn
ON
Canada

ATTN: Mike Stares

CERTIFICATE OF ANALYSIS

12 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A18-00993**

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.

CERTIFIED BY:

Emmanuel Eseme , 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

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	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
Method Code	FA-AA	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
1195951	6	< 2	< 5	< 5	< 0.2	< 0.5	33	176	< 1	24	22	56	1.31	< 2	< 10	57	< 0.5	< 2	0.85	10	29	1.19	< 10
1195952	8	3	6	< 5	< 0.2	< 0.5	49	271	2	33	7	49	0.71	4	< 10	37	< 0.5	< 2	0.56	11	23	1.15	< 10
1195953	8	< 2	< 5	< 5	< 0.2	< 0.5	25	225	1	27	7	54	1.15	4	< 10	45	< 0.5	< 2	0.68	15	26	1.36	< 10
1195954	5	49	< 5	< 5	< 0.2	< 0.5	22	254	< 1	35	6	50	1.15	3	< 10	43	< 0.5	< 2	0.66	13	84	1.50	< 10
1195955	< 5	< 2	< 5	< 5	< 0.2	< 0.5	41	332	< 1	39	10	77	1.44	3	< 10	47	< 0.5	< 2	0.81	14	48	1.71	< 10
1195956	8	< 2	< 5	< 5	< 0.2	0.8	58	465	< 1	57	40	133	2.54	4	< 10	78	0.6	< 2	0.90	17	56	2.68	< 10
1195957	6	< 2	< 5	< 5	< 0.2	0.6	54	430	< 1	50	13	117	2.22	4	< 10	82	0.5	< 2	0.86	17	50	2.42	< 10
1195958	6	2	< 5	< 5	< 0.2	< 0.5	57	464	< 1	50	28	116	2.29	5	< 10	106	0.6	< 2	0.84	15	52	2.56	< 10
1195959	7	6	< 5	< 5	< 0.2	< 0.5	45	412	< 1	47	12	108	2.18	3	< 10	82	< 0.5	< 2	0.88	14	46	2.26	< 10
1195960	5	< 2	< 5	< 5	< 0.2	< 0.5	48	357	1	40	13	63	1.30	5	< 10	35	< 0.5	< 2	0.86	15	30	1.81	< 10
1195961	9	< 2	< 5	< 5	< 0.2	< 0.5	73	327	< 1	43	9	57	1.85	5	< 10	57	0.5	< 2	0.85	14	38	2.13	< 10
357501	< 5	< 2	< 5	< 5	< 0.2	< 0.5	221	833	< 1	43	< 2	52	3.13	< 2	< 10	41	< 0.5	< 2	3.00	45	22	6.85	10

Analyte Symbol	Hg	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	ppm
Lower Limit	1	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	AR-ICP
1195951	< 1	0.07	19	0.36	0.113	0.050	0.17	< 2	4	23	0.15	< 20	< 1	< 2	< 10	62	< 10	9	4
1195952	< 1	0.05	18	0.21	0.040	0.027	0.54	< 2	4	14	0.04	< 20	2	< 2	< 10	50	< 10	10	4
1195953	< 1	0.06	18	0.32	0.089	0.051	0.39	< 2	4	20	0.11	< 20	1	< 2	< 10	53	< 10	9	3
1195954	< 1	0.06	16	0.45	0.090	0.047	0.28	< 2	4	19	0.12	< 20	2	< 2	< 10	60	< 10	9	3
1195955	< 1	0.07	22	0.45	0.073	0.054	0.47	< 2	6	22	0.10	< 20	< 1	< 2	< 10	60	< 10	13	3
1195956	< 1	0.15	35	0.60	0.051	0.128	0.41	< 2	7	25	0.06	< 20	5	< 2	< 10	73	< 10	20	2
1195957	< 1	0.14	33	0.59	0.067	0.089	0.38	< 2	8	25	0.08	< 20	3	< 2	< 10	70	< 10	19	2
1195958	< 1	0.16	35	0.61	0.057	0.119	0.31	< 2	6	26	0.07	< 20	1	< 2	< 10	70	< 10	18	2
1195959	< 1	0.13	30	0.55	0.088	0.104	0.32	< 2	7	26	0.08	< 20	1	< 2	< 10	64	< 10	17	2
1195960	< 1	0.09	20	0.43	0.093	0.061	0.59	< 2	5	24	0.07	< 20	< 1	< 2	< 10	56	< 10	12	5
1195961	< 1	0.23	19	0.97	0.135	0.046	0.33	< 2	7	26	0.11	< 20	< 1	< 2	< 10	56	< 10	12	11
357501	< 1	0.23	< 10	2.54	0.053	0.037	0.80	3	9	104	0.45	< 20	< 1	< 2	< 10	148	< 10	11	7

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	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
Method Code	FA-AA	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
GXR-1 Meas					28.0	2.7	1200	748	14	31	641	717	0.34	372	< 10	187	0.8	1440	0.75	5	6	22.8	< 10
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
GXR-1 Meas					27.5	2.7	1140	734	14	34	631	709	0.31	367	14	183	0.8	1400	0.76	7	6	21.8	< 10
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
GXR-1 Meas					28.3	2.8	1220	833	15	33	642	722	0.34	367	< 10	205	0.8	1550	0.75	6	8	23.1	< 10
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
GXR-6 Meas					0.3	< 0.5	63	925	2	24	86	121	6.61	176	< 10	902	0.8	< 2	0.18	12	77	5.29	20
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
GXR-6 Meas					0.2	< 0.5	66	961	1	25	90	120	7.11	186	< 10	952	0.9	< 2	0.19	12	80	5.63	20
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
GXR-6 Meas					0.2	< 0.5	61	896	1	23	87	116	6.33	190	< 10	881	0.8	< 2	0.18	12	74	5.15	20
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
GXR-6 Meas					0.3	< 0.5	63	1010	1	23	86	118	6.81	183	< 10	1220	0.9	< 2	0.19	12	86	5.44	20
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
PK2 Meas		5000	6200	4990																			
PK2 Cert		4790	5918.000	4749.000																			
PK2 Meas		4900	6180	4830																			
PK2 Cert		4790	5918.000	4749.000																			
OREAS 904 (Aqua Regia) Meas					0.3	< 0.5	6090	421	2	39	8	24	1.84	87		69	7.2	6	0.04	88	25	6.32	< 10
OREAS 904 (Aqua Regia) Cert					0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40
OREAS 904 (Aqua Regia) Meas					0.2	< 0.5	6030	416	2	36	8	24	1.80	87		69	7.1	9	0.05	89	25	6.25	< 10
OREAS 904 (Aqua Regia) Cert					0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40
OREAS 922 (AQUA REGIA) Meas					0.8	< 0.5	2280	737	< 1	38	63	269	2.89	2		74	0.8	6	0.42	19	48	5.40	< 10
OREAS 922 (AQUA REGIA) Cert					0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62
OREAS 922 (AQUA REGIA) Meas					0.8	< 0.5	2310	740	< 1	39	57	271	2.87	5		73	0.8	8	0.41	19	47	5.34	< 10
OREAS 922 (AQUA REGIA) Cert					0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62
OREAS 922 (AQUA REGIA) Meas					1.2	< 0.5	2270	820	< 1	40	68	271	2.97	7		97	0.8	5	0.42	20	55	5.46	< 10
OREAS 922					0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	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
Method Code	FA-AA	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
(AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas					1.5	< 0.5	4150	808	< 1	33	79	333	2.77	5		57	0.7	18	0.40	21	43	5.95	< 10
OREAS 923 (AQUA REGIA) Cert					1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01
OREAS 923 (AQUA REGIA) Meas					1.6	< 0.5	4570	876	< 1	35	94	361	3.15	7		71	0.8	21	0.46	23	48	6.34	10
OREAS 923 (AQUA REGIA) Cert					1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01
OREAS 923 (AQUA REGIA) Meas					1.4	0.7	4430	830	< 1	36	83	348	2.87	7		58	0.7	20	0.41	20	43	5.95	< 10
OREAS 923 (AQUA REGIA) Cert					1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01
OREAS 923 (AQUA REGIA) Meas					1.8	< 0.5	4420	915	< 1	37	77	345	2.96	4		81	0.7	20	0.42	22	50	6.11	< 10
OREAS 923 (AQUA REGIA) Cert					1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01
SdAR-M2 (U.S.G.S.) Meas						6.0	260		15	53	919	918				112	5.4	< 2		14	10		< 10
SdAR-M2 (U.S.G.S.) Cert						5.1	236.0000		13	49	808	760				990	6.6	1.05		12.4	49.6		17.6
SdAR-M2 (U.S.G.S.) Meas						5.9	247		14	50	895	888				105	5.2	< 2		14	9		< 10
SdAR-M2 (U.S.G.S.) Cert						5.1	236.0000		13	49	808	760				990	6.6	1.05		12.4	49.6		17.6
OREAS 254 Meas	2570																						
OREAS 254 Cert	2550																						
OREAS 218 Meas	556																						
OREAS 218 Cert	531																						
1195955 Orig					< 0.2	< 0.5	39	324	< 1	36	9	75	1.37	2	< 10	46	< 0.5	< 2	0.79	14	47	1.66	< 10
1195955 Dup					< 0.2	< 0.5	42	340	1	41	11	80	1.50	3	< 10	47	< 0.5	< 2	0.83	14	50	1.76	< 10
1195960 Orig	5																						
1195960 Dup	5																						
1195961 Orig		< 2	< 5	< 5																			
1195961 Dup		< 2	< 5	< 5																			
Method Blank	< 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
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

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	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
Method Code	FA-AA	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
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
Method Blank					< 0.2	< 0.5	< 1	< 5	< 1	2	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank					< 0.2	< 0.5	< 1	< 5	< 1	2	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
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
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
Method Blank		< 2	< 5	< 5																			

Analyte Symbol	Hg	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	ppm
Lower Limit	1	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	AR-ICP
GXR-1 Meas	3	0.03	< 10	0.14	0.051	0.044	0.20	79	1	169	< 0.01	< 20	14	< 2	31	79	139	25	14
GXR-1 Cert	3.90	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-1 Meas	3	0.03	< 10	0.13	0.051	0.042	0.20	80	1	164	< 0.01	< 20	15	< 2	24	79	135	24	14
GXR-1 Cert	3.90	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-1 Meas	4	0.03	< 10	0.14	0.052	0.045	0.20	78	1	166	< 0.01	< 20	21	< 2	30	81	145	25	14
GXR-1 Cert	3.90	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-6 Meas	1	1.00	< 10	0.40	0.106	0.031	0.01	3	19	36		< 20	< 1	2	< 10	162	< 10	5	11
GXR-6 Cert	0.0680	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
GXR-6 Meas	3	1.08	10	0.43	0.115	0.032	0.01	3	20	39		< 20	< 1	< 2	< 10	168	< 10	5	11
GXR-6 Cert	0.0680	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
GXR-6 Meas	1	0.98	< 10	0.39	0.106	0.031	0.01	3	19	36		< 20	< 1	3	< 10	156	< 10	5	13
GXR-6 Cert	0.0680	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
GXR-6 Meas	< 1	1.16	< 10	0.41	0.115	0.031	0.01	3	19	37		< 20	< 1	3	< 10	160	< 10	5	12
GXR-6 Cert	0.0680	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																			
OREAS 904 (Aqua Regia) Meas		0.85	41	0.21		0.098	0.04	3	5	18		< 20		< 2	< 10	33		19	
OREAS 904 (Aqua Regia) Cert		0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas		0.82	40	0.20		0.095	0.04	4	5	18		< 20		< 2	< 10	33		19	
OREAS 904 (Aqua Regia) Cert		0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas		0.46	40	1.37	0.030	0.064	0.37	3	4	16		< 20		< 2	< 10	37	< 10	22	27
OREAS 922 (AQUA REGIA) Cert		0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas		0.46	39	1.38	0.030	0.064	0.37	4	4	16		< 20		< 2	< 10	37	< 10	22	29
OREAS 922 (AQUA REGIA) Cert		0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas		0.53	40	1.42	0.034	0.065	0.39	2	4	16		< 20		< 2	< 10	38	< 10	22	24
OREAS 922 (AQUA REGIA) Cert		0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3

Analyte Symbol	Hg	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	ppm
Lower Limit	1	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	AR-ICP
OREAS 923 (AQUA REGIA) Meas		0.38	35	1.41		0.059	0.65	3	4	13		< 20		< 2	< 10	35	< 10	19	37
OREAS 923 (AQUA REGIA) Cert		0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.47	39	1.54		0.062	0.70	3	4	15		< 20		< 2	< 10	40	< 10	22	36
OREAS 923 (AQUA REGIA) Cert		0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.39	36	1.46		0.061	0.67	3	4	14		< 20		< 2	< 10	36	< 10	19	38
OREAS 923 (AQUA REGIA) Cert		0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.46	37	1.49		0.063	0.69	3	4	15		< 20		< 2	< 10	38	< 10	20	40
OREAS 923 (AQUA REGIA) Cert		0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
SdAR-M2 (U.S.G.S.) Meas	2		51						3	24		< 20			< 10	21	< 10	20	9
SdAR-M2 (U.S.G.S.) Cert	1.44		46.6						4.1	144		14.2			2.53	25.2	2.8	32.7	259
SdAR-M2 (U.S.G.S.) Meas	3		47						3	22		< 20			< 10	20	< 10	19	8
SdAR-M2 (U.S.G.S.) Cert	1.44		46.6						4.1	144		14.2			2.53	25.2	2.8	32.7	259
OREAS 254 Meas																			
OREAS 254 Cert																			
OREAS 218 Meas																			
OREAS 218 Cert																			
1195955 Orig	< 1	0.07	21	0.43	0.071	0.052	0.46	< 2	6	21	0.09	< 20	< 1	< 2	< 10	60	< 10	12	3
1195955 Dup	< 1	0.07	22	0.46	0.075	0.056	0.48	< 2	6	22	0.10	< 20	< 1	< 2	< 10	61	< 10	13	3
1195960 Orig																			
1195960 Dup																			
1195961 Orig																			
1195961 Dup																			
Method Blank																			
Method Blank	< 1	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 1	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 1	< 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	< 1	< 0.01	< 10	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Hg	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	ppm
Lower Limit	1	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	AR-ICP
Method Blank	< 1	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 1	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 1	< 0.01	< 10	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																			

Quality Analysis ... *Innovative Technologies*

Date Submitted: 15-Aug-18
Invoice No.: A18-10943
Invoice Date: 10-Sep-18
Your Reference: Two Mile Lake

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

13 Rock samples (August 8 & 9, 2018) & 6 Soil samples (April 13, 2018)

19 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 **A18-10943**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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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
351901	2	< 5	< 5	< 0.2	< 0.5	20	363	< 1	39	7	58	2.87	< 2	< 10	96	0.5	< 2	0.39	13	48	3.51	10	< 1
351902	< 2	< 5	< 5	< 0.2	< 0.5	19	108	< 1	6	16	31	1.18	< 2	< 10	113	< 0.5	< 2	0.20	3	23	0.98	< 10	< 1
351903	< 2	< 5	< 5	< 0.2	< 0.5	13	211	< 1	37	3	40	2.97	3	< 10	60	< 0.5	< 2	0.50	14	44	3.28	10	< 1
351904	< 2	< 5	< 5	< 0.2	< 0.5	16	186	< 1	28	3	41	2.36	< 2	< 10	39	< 0.5	< 2	0.40	10	45	2.69	< 10	< 1
351905	< 2	< 5	< 5	< 0.2	< 0.5	15	321	< 1	42	5	44	2.63	2	< 10	102	< 0.5	< 2	0.53	13	47	3.17	10	< 1
351906	< 2	< 5	< 5	< 0.2	< 0.5	15	261	< 1	30	9	42	1.78	4	< 10	69	< 0.5	< 2	0.54	13	56	3.59	< 10	< 1
762588	< 2	8	11	< 0.2	< 0.5	40	493	< 1	499	< 2	54	2.54	< 2	< 10	17	< 0.5	< 2	0.72	54	1310	5.07	< 10	< 1
762589	< 2	< 5	< 5	< 0.2	< 0.5	70	595	< 1	41	< 2	45	3.21	< 2	< 10	23	< 0.5	< 2	1.79	28	34	4.86	< 10	2
762590	9	15	13	< 0.2	< 0.5	75	421	< 1	91	< 2	33	2.30	< 2	< 10	17	< 0.5	< 2	1.34	27	344	3.83	< 10	< 1
762591	3	< 5	7	< 0.2	< 0.5	59	1080	< 1	502	< 2	29	2.12	32	< 10	25	< 0.5	< 2	2.43	75	997	7.01	< 10	3
762592	< 2	< 5	< 5	< 0.2	< 0.5	99	634	< 1	35	< 2	46	2.38	2	< 10	44	< 0.5	< 2	1.82	30	25	5.12	10	< 1
762593	< 2	< 5	< 5	< 0.2	< 0.5	33	994	< 1	1000	2	28	1.73	39	47	26	< 0.5	< 2	0.93	95	894	7.67	< 10	2
762594	< 2	< 5	< 5	0.2	< 0.5	21	87	1	15	9	15	1.02	6	< 10	74	< 0.5	< 2	0.03	5	10	5.32	< 10	1
762595	23	10	6	< 0.2	< 0.5	47	950	< 1	1180	< 2	31	1.76	4	26	22	< 0.5	< 2	0.42	94	779	7.85	< 10	1
762596	< 2	< 5	< 5	< 0.2	< 0.5	6	480	< 1	34	< 2	30	2.22	2	< 10	20	< 0.5	< 2	1.94	27	17	4.44	10	3
762597	< 2	< 5	< 5	< 0.2	< 0.5	105	526	< 1	48	< 2	34	2.55	< 2	< 10	27	< 0.5	< 2	1.55	34	53	5.06	< 10	< 1
762598	4	< 5	< 5	< 0.2	< 0.5	71	1220	< 1	115	< 2	131	3.07	42	< 10	90	< 0.5	< 2	3.11	35	172	7.48	10	2
762599	< 2	< 5	< 5	< 0.2	< 0.5	14	649	< 1	29	4	62	1.66	10	< 10	36	< 0.5	< 2	0.48	8	46	4.12	< 10	< 1
762600	3	< 5	< 5	0.4	< 0.5	22	1020	< 1	42	3	44	1.34	4	< 10	82	< 0.5	< 2	0.86	14	40	4.03	< 10	< 1

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
351901	0.08	12	0.70	0.063	0.058	0.02	< 2	4	16	0.20	< 20	< 1	< 2	< 10	101	< 10	5	5
351902	0.08	16	0.19	0.030	0.024	0.02	< 2	2	16	0.10	< 20	< 1	< 2	< 10	38	< 10	3	1
351903	0.07	11	0.64	0.096	0.031	0.02	< 2	4	19	0.23	< 20	4	< 2	< 10	120	< 10	5	8
351904	0.04	< 10	0.45	0.076	0.055	0.01	< 2	4	15	0.19	< 20	1	< 2	< 10	112	< 10	4	4
351905	0.09	11	0.77	0.085	0.036	0.01	< 2	4	21	0.21	< 20	< 1	< 2	< 10	108	< 10	4	5
351906	0.06	< 10	0.66	0.083	0.052	0.01	< 2	5	17	0.22	< 20	< 1	< 2	< 10	134	< 10	4	5
762588	< 0.01	< 10	5.84	0.036	0.012	< 0.01	7	6	4	0.06	< 20	< 1	< 2	< 10	83	< 10	2	2
762589	0.02	< 10	2.08	0.048	0.025	0.05	< 2	7	66	0.36	< 20	< 1	< 2	< 10	107	< 10	8	5
762590	0.05	< 10	2.15	0.069	0.025	< 0.01	< 2	8	54	0.34	< 20	< 1	< 2	< 10	84	< 10	7	4
762591	< 0.01	< 10	7.19	0.018	0.012	0.07	6	13	36	0.05	< 20	< 1	< 2	< 10	78	< 10	4	2
762592	0.11	< 10	1.90	0.101	0.034	0.08	2	10	53	0.43	< 20	3	< 2	< 10	141	< 10	11	12
762593	< 0.01	< 10	12.6	0.019	0.011	0.02	8	11	8	0.05	< 20	< 1	< 2	< 10	60	< 10	4	2
762594	0.49	13	0.10	0.039	0.033	0.16	3	1	9	< 0.01	< 20	< 1	< 2	< 10	15	< 10	3	6
762595	0.01	< 10	12.6	0.017	0.015	0.01	8	10	4	0.07	< 20	< 1	< 2	< 10	64	< 10	3	2
762596	0.05	< 10	1.43	0.126	0.035	< 0.01	2	8	77	0.45	< 20	2	< 2	< 10	112	< 10	10	15
762597	0.06	< 10	2.01	0.069	0.032	0.21	< 2	9	36	0.43	< 20	< 1	< 2	< 10	103	< 10	8	13
762598	0.23	< 10	2.84	0.030	0.044	0.08	4	12	83	0.11	< 20	< 1	< 2	< 10	99	< 10	6	4
762599	0.11	< 10	0.80	0.093	0.032	0.27	2	4	19	< 0.01	< 20	< 1	< 2	< 10	36	< 10	3	8
762600	0.22	< 10	0.53	0.100	0.026	0.59	< 2	5	21	< 0.01	< 20	< 1	< 2	< 10	29	< 10	3	12

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
PK2 Meas	4930	6130	4940																				
PK2 Cert	4790	5918.000	4749.000																				
OREAS 904 (Aqua Regia) Meas				0.3	< 0.5	6250	428	2	39	8	24	1.96	90		73	7.3	< 2	0.05	91	26	6.29	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 904 (Aqua Regia) Meas				0.3	< 0.5	6420	443	2	38	9	25	2.05	93		75	7.5	< 2	0.05	94	28	6.47	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 922 (AQUA REGIA) Meas				0.8	< 0.5	2280	750	< 1	40	63	268	2.96	5		78	0.8	8	0.42	19	48	5.21	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.7	< 0.5	2260	748	< 1	36	62	269	2.98	3		57	0.8	4	0.42	20	48	5.21	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				1.7	< 0.5	4490	855	< 1	36	86	342	3.02	6		63	0.7	14	0.43	22	45	6.05	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.5	< 0.5	4500	854	< 1	36	78	344	3.00	8		39	0.7	18	0.43	22	44	6.08	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 520 (Aqua Regia) Meas						3020	2000	55	76	5	20	1.54	147			0.6	< 2	3.40	174	34	15.9	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
OREAS 520 (Aqua Regia) Meas						2910	1960	55	73	4	22	1.51	133			0.5	< 2	3.44	175	35	15.7	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
Oreas 621 (Aqua Regia) Meas				68.1	292	3720	542	15	27	> 5000	> 10000	1.82	76			0.6	< 2	1.43	30	32	3.49	10	4

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
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
Oreas 621 (Aqua Regia) Meas				61.6	289	3670	539	12	29	> 5000	> 10000	1.85	72			0.6	3	1.74	30	32	3.55	10	4
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
762590 Orig				< 0.2	< 0.5	74	420	< 1	91	< 2	34	2.29	< 2	< 10	17	< 0.5	< 2	1.33	27	342	3.81	< 10	< 1
762590 Dup				< 0.2	< 0.5	75	421	< 1	91	< 2	32	2.31	< 2	< 10	16	< 0.5	< 2	1.34	28	345	3.85	< 10	< 1
762592 Orig	< 2	< 5	< 5																				
762592 Dup	< 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				< 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				< 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				< 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
PK2 Meas																		
PK2 Cert																		
OREAS 904 (Aqua Regia) Meas	0.90	42	0.22		0.096	0.04	3	5	19		< 20		< 2	< 10	33		19	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.93	42	0.23		0.099	0.04	2	5	19		< 20		< 2	< 10	34		20	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	0.48	40	1.40	0.033	0.064	0.38	4	4	16		< 20		< 2	< 10	36	< 10	22	33
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.47	40	1.40	0.035	0.062	0.38	< 2	4	16		< 20		< 2	< 10	35	< 10	22	9
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	0.42	37	1.50		0.062	0.70	< 2	4	15		< 20		< 2	< 10	35	< 10	21	34
OREAS 923 (AQUA REGIA) Meas	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Cert	0.41	37	1.51		0.060	0.70	3	4	14		< 20		< 2	< 10	35	< 10	20	20
OREAS 923 (AQUA REGIA) Meas	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Cert																		
OREAS 520 (Aqua Regia) Meas	0.47	72	1.15	0.071	0.071	0.91	5	12	30	0.16	< 20	< 1	< 2	13	227	25	13	37
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520 (Aqua Regia) Meas	0.47	69	1.13	0.071	0.069	0.90	5	11	26	0.14	< 20	< 1	< 2	13	225	20	13	27
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
Oreas 621 (Aqua Regia) Meas	0.37	20	0.47	0.193	0.032	4.58	122	3	17		< 20		< 2	< 10	13	< 10	8	42

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
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.38	19	0.47	0.200	0.031	4.49	77	3	16		< 20		< 2	< 10	13	< 10	8	21
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
762590 Orig	0.05	< 10	2.15	0.069	0.025	< 0.01	2	8	54	0.34	< 20	3	< 2	< 10	84	< 10	7	4
762590 Dup	0.05	< 10	2.16	0.069	0.025	< 0.01	< 2	8	55	0.34	< 20	< 1	< 2	< 10	85	< 10	7	4
762592 Orig																		
762592 Dup																		
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
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	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
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																		

Appendix 6

Map

5,397,000 mN

5,396,000 mN

701,000 mE

702,000 mE

703,000 mE

704,000 mE

N

153714 286319 153713 293131 170368 153712 183167 118205

118206 183168 125739 266269 322369 286322 266268 286321

286320 208320 219064 293133 266267 219063 322368 293132

052B09

9200 9300 9400 10000 10100 10200 10800 10900 11000

49 1195954

< 2 1195951 1195953 1195955 1195956 1195957 1195960 1195961

2 1195958

6 1195959

January 2018 - Picket Grid

Twin Mile Lake

KASHABOWIE LAKE AREA

DRIFT LAKE AREA

Kabaigon Lake

58,800
56,400
56,300
56,200
50,600

Ground Magnetics (nT)

Lake Sediments (Jan, 2018)
Sample No & Gold ppb
VLF Profile January 2018
Township
Lakes
Streams
White Metal Claims
G-Plan Outline
Roads

White Metal Resources

Two Mile Property
2018 Lake Sediments
and Ground Magnetic Survey
Map 1

Date: 2019-04-12
Author: Cathy Salo
Office:
Drawing:
Scale: 1:5000
Projection: UTM Zone 15 (NAD 83)

0 200
metres

5,397,000 mN

5,396,000 mN

701,000 mE

702,000 mE

703,000 mE

704,000 mE

N

052B09

153714 | 286319 | 153713 | 293131 | 170368 | 153712 | 183167 | 118205

286320 | 208320 | 219064 | 293133 | 266267 | 219063 | 322368 | 293132

118206 | 183168 | 125739 | 266269 | 322369 | 286322 | 266268 | 286321

9200 9300 9400 10000 10100 10200 10800 10900 11000

< 2 1195951

< 2 1195953

49 1195954

< 2 1195955

< 2 1195956

< 2 1195957

2 1195958

6 1195959

< 2 1195960

< 2 1195961

January 2018 - Picket Grid

Two Mile Lake

KASHABOWIE LAKE AREA

DRIFT LAKE AREA

Kabaigon Lake

58,800
56,400
56,300
56,200
50,600

Ground Magnetics (nT)

Lake Sediments (Jan, 2018)
Sample No & Gold ppb
VLF Profile January 2018
Township
Lakes
Streams
White Metal Claims
G-Plan Outline
Roads

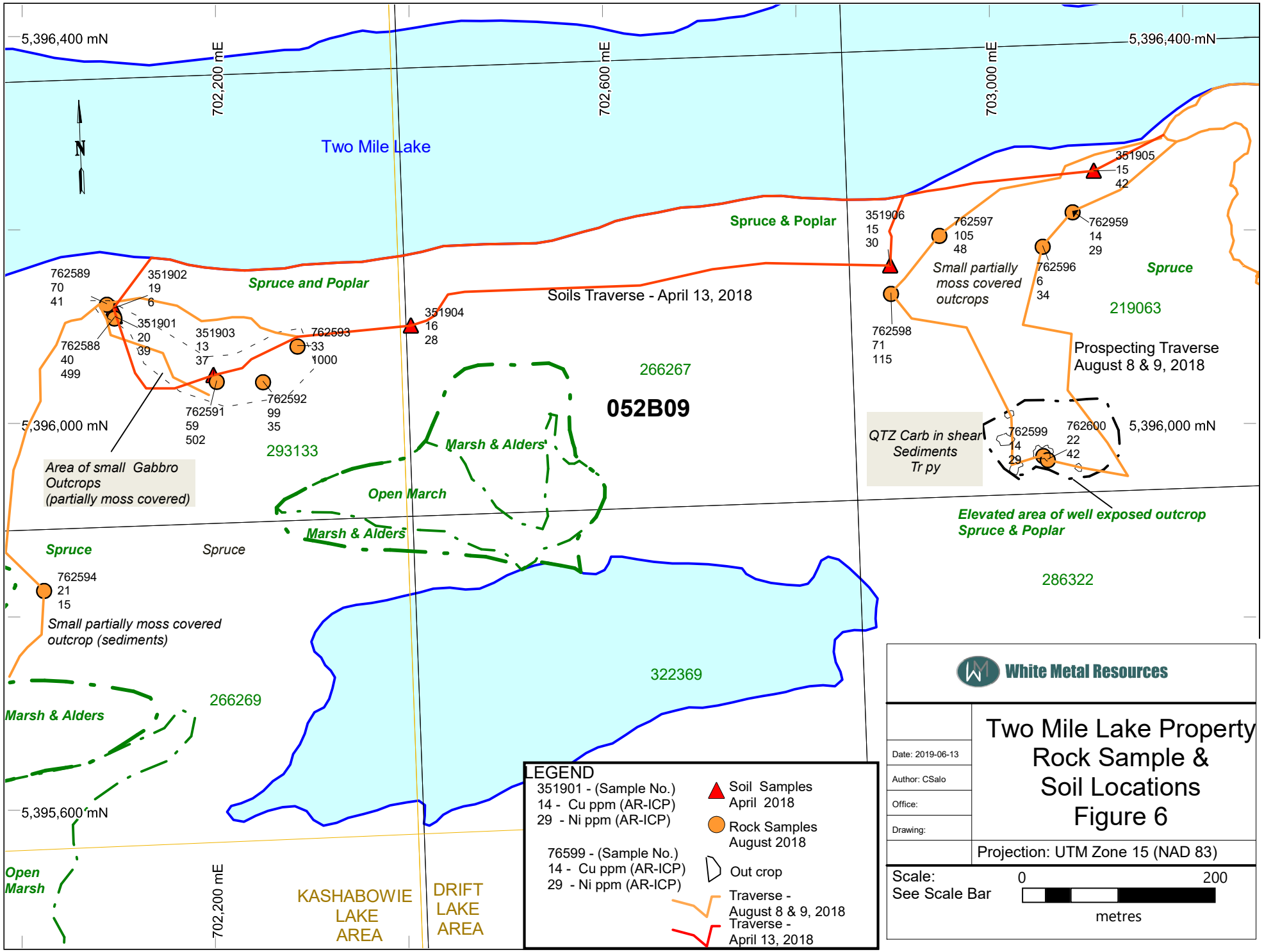
White Metal Resources

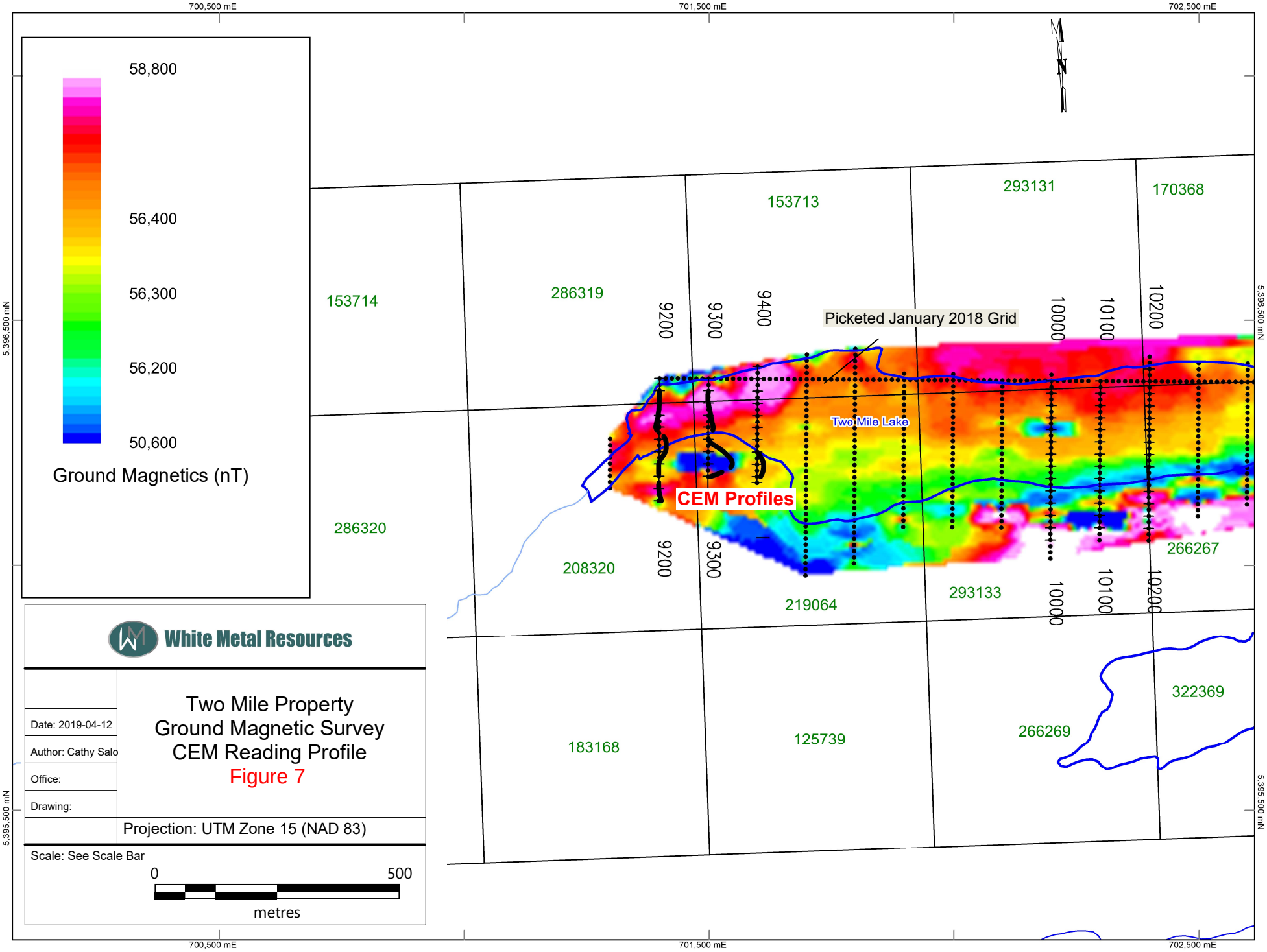
Two Mile Property
2018 Lake Sediments
and Ground Magnetic Survey
Map 1

Date: 2019-04-12
Author: Cathy Salo
Office:
Drawing:

Scale: 1:5000
Projection: UTM Zone 15 (NAD 83)

0 200
metres


5,396,400 mN
702,200 mE
702,600 mE
703,000 mE
5,396,400 mN
N
Two Mile Lake
Spruce & Poplar
351905
15
42
351906
15
30
762597
105
48
762959
14
29
762596
6
34
Small partially moss covered outcrops
Spruce
219063
Prospecting Traverse
August 8 & 9, 2018
762598
71
115
762589
70
41
351902
19
6
Spruce and Poplar
351901
20
39
762588
40
499
351903
13
37
762593
33
1000
351904
16
28
Soils Traverse - April 13, 2018
266267
052B09
762591
59
502
762592
99
35
293133
5,396,000 mN
Marsh & Alders
Area of small Gabbro Outcrops (partially moss covered)
Open March
Marsh & Alders
QTZ Carb in shear Sediments Tr py
762599
14
29
762600
22
42
5,396,000 mN
Elevated area of well exposed outcrop
Spruce & Poplar
Spruce
Spruce
762594
21
15
286322
Small partially moss covered outcrop (sediments)
322369
266269
Marsh & Alders
5,395,600 mN
Open Marsh
702,200 mE
KASHABOWIE LAKE AREA
DRIFT LAKE AREA
LEGEND
351901 - (Sample No.)
14 - Cu ppm (AR-ICP)
29 - Ni ppm (AR-ICP)
76599 - (Sample No.)
14 - Cu ppm (AR-ICP)
29 - Ni ppm (AR-ICP)
Soil Samples April 2018
Rock Samples August 2018
Out crop
Traverse - August 8 & 9, 2018
Traverse - April 13, 2018
White Metal Resources
Two Mile Lake Property
Rock Sample & Soil Locations
Figure 6
Date: 2019-06-13
Author: CSalo
Office:
Drawing:
Projection: UTM Zone 15 (NAD 83)
Scale:
See Scale Bar
0
200
metres


700,500 mE
701,500 mE
702,500 mE
5,396,500 mN
5,395,500 mN
58,800
56,400
56,300
56,200
50,600
Ground Magnetics (nT)
N
153714
286319
153713
293131
170368
286320
208320
219064
293133
266267
183168
125739
266269
322369
9200
9300
9400
10000
10100
10200
Picketed January 2018 Grid
Two Mile Lake
CEM Profiles
White Metal Resources
Two Mile Property
Ground Magnetic Survey
CEM Reading Profile
Figure 7
Date: 2019-04-12
Author: Cathy Salo
Office:
Drawing:
Projection: UTM Zone 15 (NAD 83)
Scale: See Scale Bar
0
500
metres