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Prospecting and Rock Sampling Survey Report

Reticulate Lake Gold/PGM Property

Porter Twp. Sudbury Mining Division

2022

Mining Claim Numbers

521059, 521060, 521061

Mining Grid Cell Numbers

41I05F070, 41I05F071, 41I05F091

Prepared by:

Mitchell Turcott H.B.Sc.

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

SUMMARY:

This report details the prospecting and rock sampling survey conducted on the Reticulate Lake Au/PGM Property located in Porter Twp., Sudbury Mining Division during the spring/summer of 2022. The Reticulate Lake Au/PGM Property is comprised of 3 unpatented mining claims numbered 521059, 521060 & 521061 mining cell numbers 41I05F070, 41I05F071 & 41I05F091.

The objective of the prospecting and rock sampling program was to follow up on ground magnetics survey work conducted during March of 2021 & 2022. The ground magnetics survey was conducted during the winter months in order to survey a wetlands/marsh area and a small lake within the Reticulate Lake Au/PGM Property claim group that would not be accessible for ground work during the summer months. The ground magnetics survey identified several anomalies some of which were investigated as part of the prospecting and rock sampling program during the months of May to October 2022 to try and determine the cause of the magnetic response.

A total of 13 man days were spent on the prospecting and rock sampling program on the Reticulate Lake Au/PGM Property with 11 rock samples being collected and submitted to ALS Laboratories for analysis. Several of the rock samples assayed were determined to contain anomalous values of base and precious metals (Au/Ag/Pt/Pd/Cu/Ni).

Follow-up work is recommended that would require geological mapping, rock/soil sampling and possibly trenching/stripping in the anomalous areas.

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Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

Introduction:

This report details the prospecting and rock sampling program conducted by Mitchell Turcott on the Reticulate Lake Au/PGM Property located in Porter Twp., Sudbury Mining Division during the spring/summer of 2022. The prospecting and rock sampling program is a follow-up to the ground magnetics survey conducted over the Reticulate Lake Property in March of 2021 & 2022.

The Reticulate Lake Au/PGM Property contains anomalous concentrations of Gold (Au) and other Platinum Group Metals (PGM's- platinum, palladium, etc).

The Reticulate Lake AU/PGM Property is prospective for Ni-Cu-PGM sulphides in Nipissing age (approx. 2250 million year old) mafic intrusive rocks within Huronian aged sedimentary rocks. This is a similar geological setting to the Shakespeare Ni-Cu-PGM Mine owned and operated by Ursa Major Minerals and is located a few km to the SW of the Reticulate Lake Au/PGM Property.

The Reticulate Lake Au/PGM Property also hosts mafic intrusive rocks of the Shakespeare Layered Intrusion (approx. 2460 million year old) which are similar to the mafic intrusive rocks that make up the Sudbury Igneous Complex located to the east of the property and has several currently operating and past producing Ni-Cu-PGM mines.

The property has two distinct exploration targets:

- 1) Gold in quartz veins
- 2) Gold/Platinum/Palladium mineralization hosted within a Nipissing age Mafic Intrusion

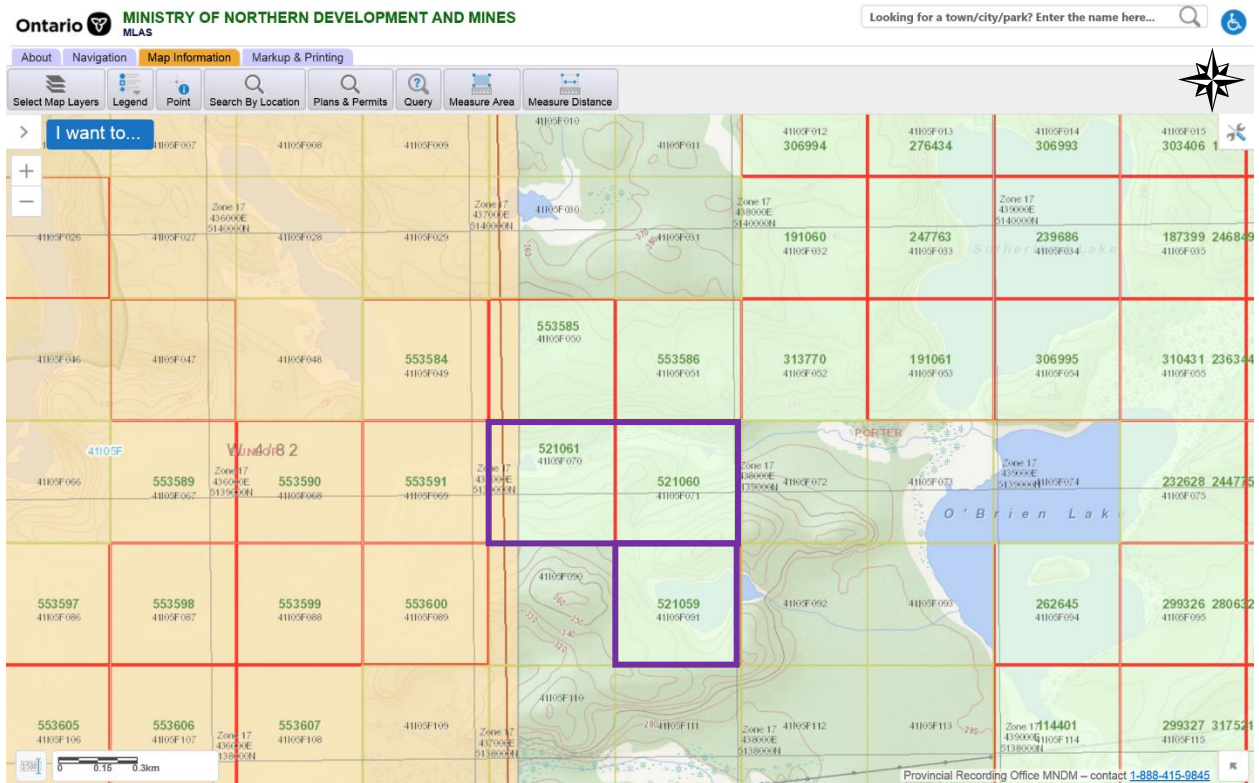
A total of 13 man days were spent conducting the prospecting and sampling work program on the Reticulate Lake Au/PGM Property with 11 rock samples (MT22X-001 to 011) collected and submitted to ALS Laboratories in Sudbury, ON for analysis (Pt/Pd/Au & 32 element ICP). Several of the rock samples submitted for assay returned anomalous values for base & precious metals.

Prospecting & Rock Sampling Survey Report for the Reticulate Lake Au/PGM Property
Porter Twp. Sudbury Mining Division, Ontario

Property Description, Location and Access:

The Reticulate Lake Au/PGM Property is comprised of 3 unpatented mining claims numbered 521059, 521060 & 521061 mining cell numbers 41105F070, 41105F071 & 41105F091 located in Porter Township, Sudbury Mining Division and the claim group is registered to Mitchell Turcott (Figure 1).

Figure 1: Claim Map of the Reticulate Lake Au/PGM Property



Porter Township, Sudbury Mining District

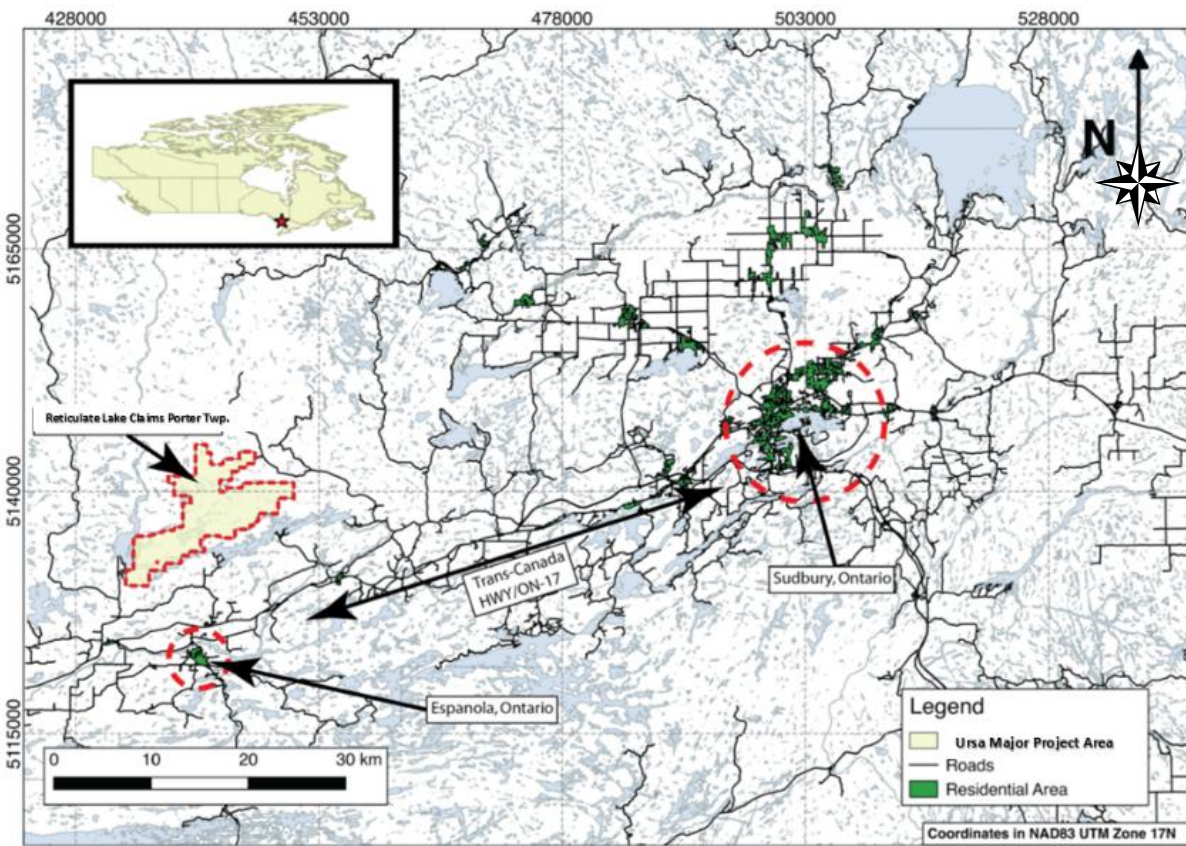
Claims Map modified from the MNDM MLAS

Prospecting & Rock Sampling Survey Report for the Reticulate Lake Au/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

The Reticulate Lake Au/PGM Property is located approximately 80 km west of the city of Greater Sudbury along Hwy 17 and about 20 km north of the small town of Espanola. The property can be accessed by vehicle following the Spanish River Road located north of the town of Nairn Centre and then travelling northwest towards the VALE owned High Falls Dam on Agnew Lake and then north on the Shakespeare Mine Road and subsequent logging roads which will take you near O'Brien Lake at which point you can traverse by foot, ATV or snowmobile approximately 2 km to the Reticulate Lake Property mining claims (Figure 2).

Figure 2: Reticulate Lake AU/PGM Property Location Map:



Note: The Reticulate Lake AU/PGM Property claims are adjacent to the Ursa Major Minerals Property which hosts the Shakespeare Ni-Cu-PGM Mine.

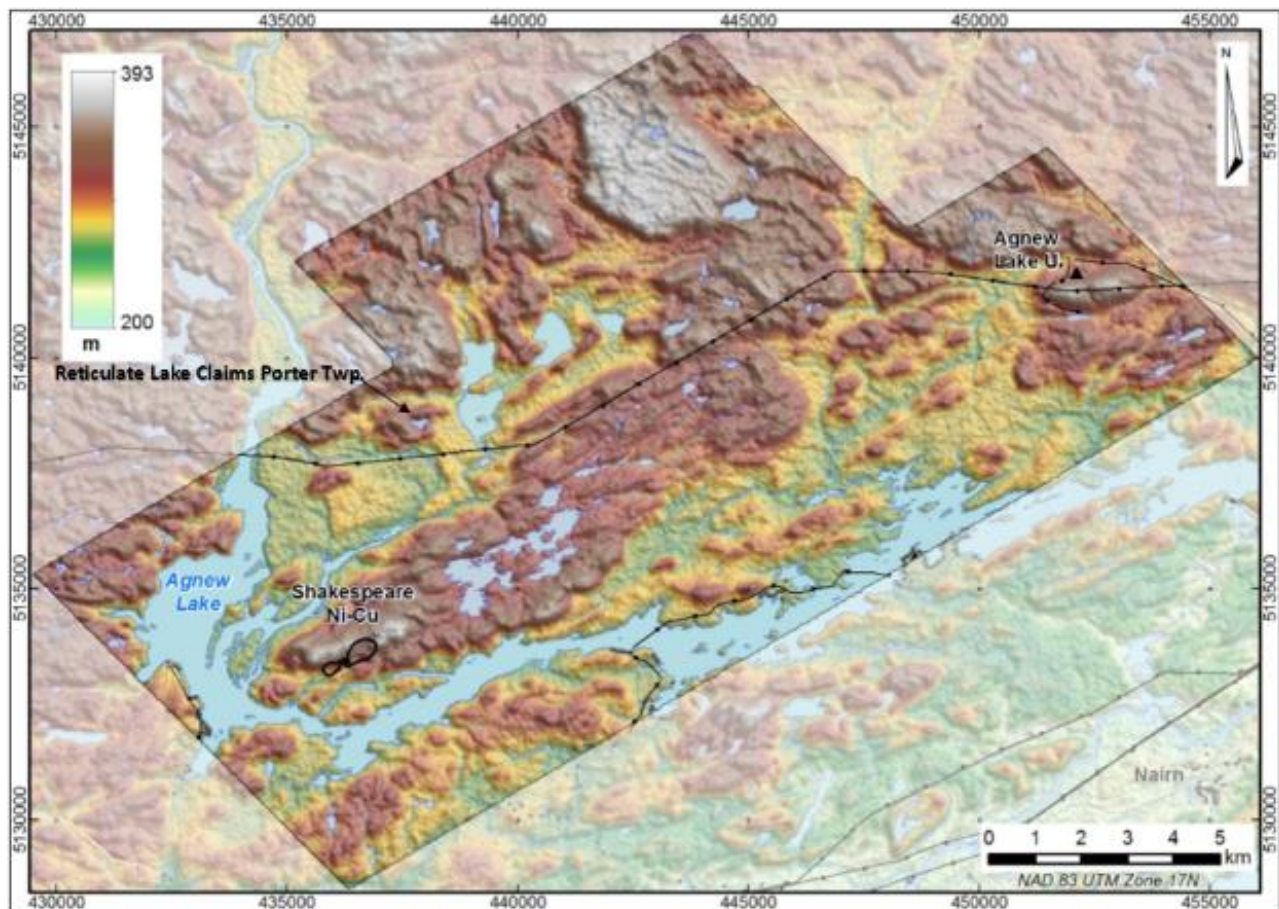
Location Map modified from Woodhead & Moul 2016

Prospecting & Rock Sampling Survey Report for the Reticulate Lake Au/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

Topographically, the property exhibits moderate relief with elevations ranging from 210 to 300 metres above sea level. There are several vertical rock cliff faces and relatively steep rock ridges within the Reticulate Lake Property claim group making it difficult to conduct geophysical or geological surveys with machinery or on foot (Figure 3). The property lies within the Great Lakes Basin and represents the northern limits of the Great Lakes Forest Region. The property is well vegetated with various types of conifers, hardwoods and softwoods which has attracted commercial logging to the area over the past several decades providing for numerous logging roads and trails that have been constructed for access & timber extraction.

Figure 3: Digital Terrain Model of the Reticulate Lake Area



Note: The Shakespeare Ni-Cu & PGM Deposit is located to the southwest of the Reticulate Lake Au/PGM Property.

Digital Terrain Map modified from Woodhead & Moul 2016

Property History & Previous Work:

The following is a summary of reported work obtained by my review of the MNDM Assessment File archives:

1961: Geological mapping of Porter Twp. by R.M Ginn for the OGS was published.
R005_Porter Twp Geology Report_Ginn 1961 with 1957 Geology Map 2011

1967: Broulan Reef Mines Ltd. completed airborne magnetometer and electromagnetics surveys over the area which identified a number of anomalies. The results of any ground follow-up on the Reticulate Lake Property by Broulan Reef Mines is unknown.

1983 to 1990: BP Minerals completed airborne magnetometer and electromagnetics surveys over the area. Ground prospecting, geological mapping and diamond drilling was completed over areas of the Shakespeare Intrusion.

41J01NE0001 BP Airborne Data 1988

1993-94: Cameco conducted ground geophysics, geological mapping, sampling, trenching and diamond drilling over portions of the Nipissing Intrusion in Porter Twp.

41I05NE2018_Cameco 1994_Geol_Soil_DDH

41I05NW9700_Cameco 1993_Mag_VLF

41I05SW0001_Cameco 1993_Geol_Soil

1995-2000: Prospectors Mitch Turcott and Dan Brunne conducted trenching, geologic mapping and rock sampling on portions of the Nipissing aged mafic intrusion in Porter Twp. Several rock grab and channel samples returned anomalous Gold, Platinum and Palladium (Au, Pt, Pd) assay results.

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

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1998-2007: Platinum Group Metals/Pacific Northwest Capital/Kaymin Resources conducted geological mapping, trenching, sampling, airborne & ground geophysics (mag & vlf) and diamond drilling over portions of the Shakespeare Intrusion and the Reticulate Lake Property was conducted. Several anomalous gold samples in quartz vein were obtained by PFN from the Reticulate Lake Property and 4 diamond drill holes were completed in 2004 after which the property was abandoned.

20002294_2005 PFN Ian Kelso Report

2.23813_2001 PFN Grant Moure & Scott Jobin_Bevans Report

2000 to Present: Ursa Major Minerals conducted geological mapping, rock and soil sampling, airborne geophysics (2004 & 2016), trenching and diamond drilling on portions of the Nipissing aged mafic intrusion in Porter, Shakespeare and Baldwin Townships. Several rock samples from the Ursa Major Property returned anomalous Au, Pt and Pd assay results. Portions of the Reticulate Lake Au/PGM Property were flown by Ursa Major Minerals airborne geophysical surveys in 2004 & 2016 identifying magnetic and electromagnetic anomalies on the property.

42C02SE1210 2000_2001 Ursa Major Mike Perkins Report

20001009_Ursa Major Megatem Airborne Survey 2004

2_57305_10_Airborne Geophysical Surveys_Shakespeare Property 2016

2004-2006: Geological re-mapping of Porter and Vernon Townships by R. M. Easton for the OGS was conducted. Map and report was published.

P2845_Porter_Vernon Geology Map EASTON_2006

SFW20056_Easton Geology_Porter Twp

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
Porter Twp. Sudbury Mining Division, Ontario

Reticulate Lake Prospecting/Rock Sampling Work Program:

During the months of May to October 2022 prospecting and rock sampling was conducted on the Reticulate Lake Au/PGM Property by prospector and geologist Mitchell Turcott. The prospecting and sampling program was a follow-up survey of ground magnetics work conducted during March of 2021 & 2022 (Maps 1 & 1a) to try and determine the cause of magnetic anomalies and to look for precious and base metal mineralization hosted in various lithologies found within the claim group (Map 1a). A total of 13 man days were spent working on the prospecting and rock sample survey conducted on the Reticulate Lake Au/PGM Property with exploration expenses totaling \$7,496.80 (Table 1).

Table 1: 2022 Reticulate Lake Au/PGM Property Daily Log & Expenses

RETICULATE LAKE Project Daily Activity Log & Expenses				May_Oct 2022 Prospecting & Rock Sampling Survey			
<i>Prospectors: Mitch Turcott</i>							
Date	Claim #	Samples	Prospectors	Travel	Activity	Expense \$	Vehicle
03-May	521059	PFN/BP	Mitch	140 KM	Locate PFN Samples North of Reticulate Lake	\$400.00	\$ 125.00
04-May	521059	N/A	Mitch	140 Km	Clear ATV Trail and prospect	\$400.00	\$ 125.00
06-May	521060	N/A	Mitch	140 Km	Clear ATV Trail approx 75%, Locate PFN DDH04-01/02/03/04	\$400.00	\$ 125.00
17-May	521060	2	Mitch	140 Km	Clear ATV Trail to Marsh near DDH, Locate IK Samples Qtz Vein	\$400.00	\$ 125.00
20-May	N/A	N/A	Mitch	200 Km	Travel to Sud 2 rock samples MT22X-01/02) to ALS Lab	\$400.00	\$ 125.00
20-May	N/A	N/A	Mitch	N/A	Prospecting Supplies (Flagging, Sample Bags, Cainsaw Chain)	\$172.81	N/A
20-May	N/A	N/A	Mitch	N/A	ALS Lab Invoice 2 rock samples MT22X_01/02	\$174.56	N/A
24-May	521059	N/A	Mitch	140 km	Truck Haystack, ATV to shortcut, hike in prospect South of lake	\$400.00	\$125.00
27-Jun	521059/60	2	Mitch	140 km	Truck Haystack, ATV to shortcut, hike in prospect North of lake	\$400.00	\$ 125.00
11-Oct	521060	7	Mitch	140 km	Truck Haystack, ATV trail, hike in & prospect to ridge North of Lake	\$400.00	\$ 125.00
12-Oct	N/A		Mitch	N/A	Label Samples, Upload Pics, Mic Photos, Sample Descriptions	\$400.00	N/A
14-Oct	N/A		Mitch	200 km	Travel to Sud 9 rock samples to ALS Lab & oil change truck	\$400.00	\$125.00
17-Oct	N/A		Mitch	N/A	ALS Lab Invoice 9 rock samples MT22X-03 to 11	\$602.54	N/A
17-Oct	N/A		Mitch	N/A	200 Soil Sample Bags Invoice	\$89.04	N/A
17-Oct	N/A		Mitch	N/A	Chainsaw Parts/Repairs Invoice	\$132.85	N/A
17-Mar	N/A		Mitch	N/A	Draft Assessment Report for Reticulate Lake Prospecting/Sampling	\$400.00	N/A
18-Mar	N/A		Mitch	N/A	Draft Assessment Report for Reticulate Lake Prospecting/Sampling	\$400.00	N/A
19-Mar	N/A		Mitch	N/A	Draft Assessment Report for Reticulate Lake Prospecting/Sampling	\$400.00	N/A
					TOTAL:	\$6,371.80	\$1,125.00
					Prospecting & Rock Sampling Program Expense: \$7,496.80		

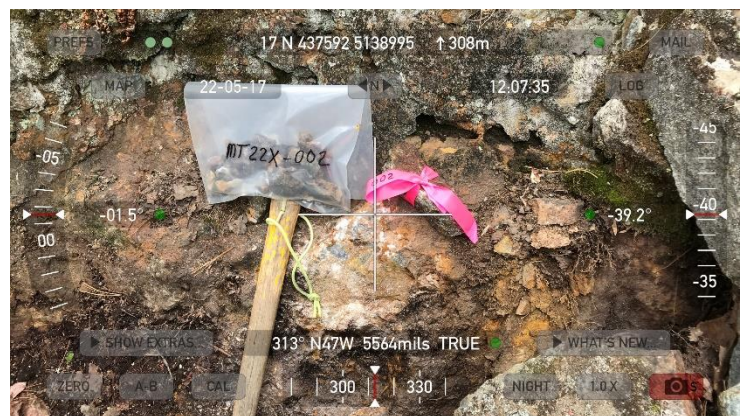
Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

The property was accessed by vehicle using the Agnew Lake Mine Road and the Carlyle Logging Road located North of Nairn Centre and then by ATV & foot on the old PFN diamond drill road located on the Reticulate Lake Property claim group. A Garmin 60 CX GPS (see Appendix 1 for instrument specifications) utilizing the UTM Grid Reference System (Zone 17) and NAD83 as the Map Datum was used to locate positions for any rock samples collected and document the traverse track (Maps 2/3/4/5). No grid lines were cut during the prospecting & sampling survey eliminating the need for an exploration plan/permit.

A total of 11 rock samples (MT22X-001 to 011) were collected from the Reticulate Lake Au/PGM Property and submitted for analysis to ALS Laboratories in Sudbury ON, the rock samples were assayed for Au/Pt/Pd and 32 element ICP (Tables 2 & 3, Appendix 2). Two rock samples were collected from a known Au showing explored by PFN in the early 2000's (MT22X-001 & 002), both samples assayed anomalous for Au and base metals (Table 3, Appendix 2 & Photos 1,2,3).

Photographs 1, 2 & 3: MT22X-001 & 002 Rock Samples @ PFN Qtz/Au Showing



Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

Porter Twp. Sudbury Mining Division, Ontario

On May 3, 2022 a prospecting traverse North of the small lake on the claim group (dubbed Reticulate Lake) was conducted to locate rock sample locations taken by PFN in 2001 along a Gabbro ridge. The traverse was successful in locating the PFN rock sample locations which were anomalous in Au and Pt/Pd, no samples were collected (Maps 1 & 2).

On May 24, 2022 a prospecting traverse was conducted South of Reticulate Lake (Map 4) to follow-up on magnetic anomalies located during the March 2022 ground magnetics survey. The lithologies in this area consists of meta-sediments intruded by Gabbro. Prospecting of the magnetic anomalies revealed that a polymictic conglomerate of the Bruce Formation (unit 2C 1957 Ginn Geology Map 1a) was highly magnetic and was the reason for the magnetic anomalies detected. No mineralization of interest was observed and no rock samples were collected.

On June 27 and October 11, 2022 prospecting traverses were conducted North of Reticulate Lake (Map 5) and 9 rock samples (MT22X-003 to 011) were collected (Table 2 & 3) from the Gabbro ridge in an area where BP minerals had collected a rock sample #13341 in 1990 which assayed 14220 ppb Pd, 1439 ppb Pt and 635 ppb Au. Two of the rock samples collected from this area (MT22X-007 & 011) were only slightly anomalous for Pt/Pd/Au (Table 3 & Appendix 2, Photo 4).

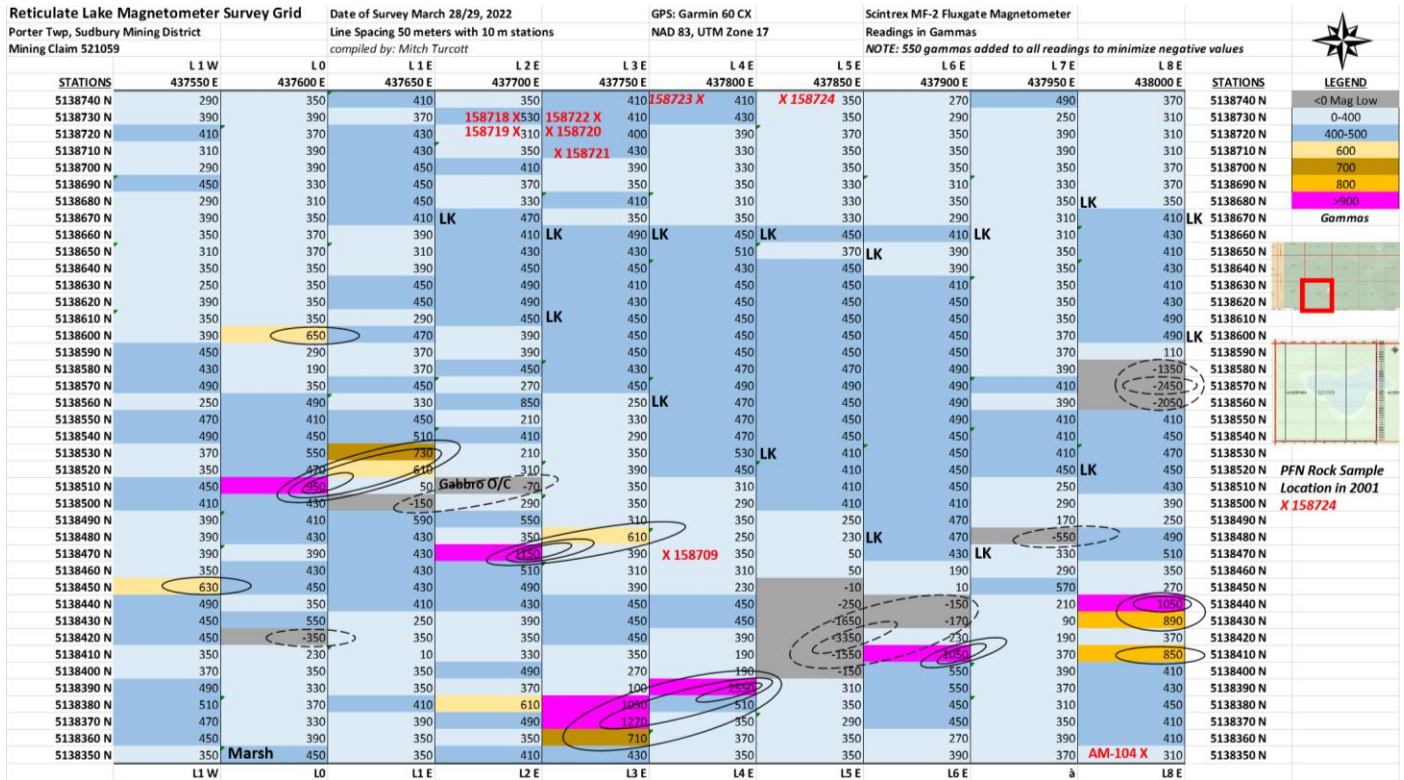
Photograph 4: MT22X-007 to 009 October 11, 2022 Ridge Showing Reticulate Lake



Photograph taken by Mitch Turcott looking North, Reticulate Lake Area

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property Porter Twp. Sudbury Mining Division, Ontario

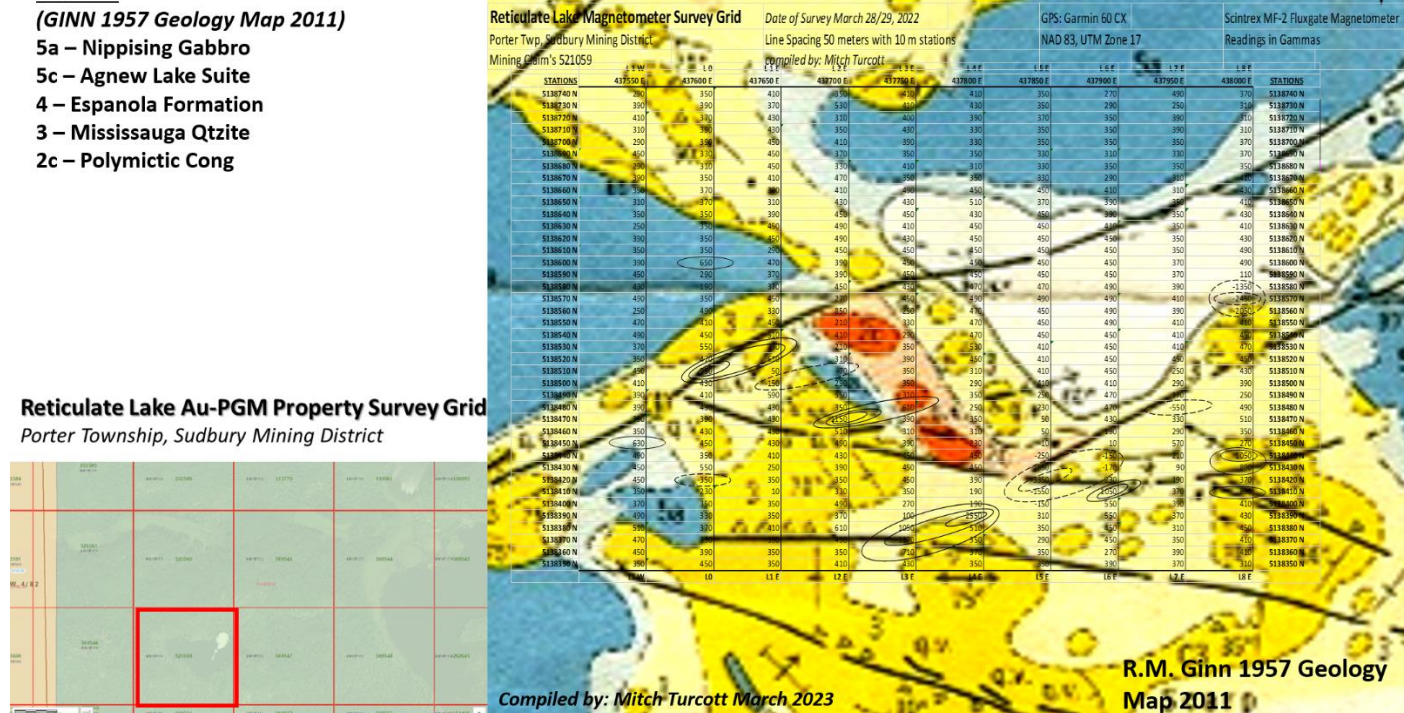
Map 1: Reticulate Lake Property 2022 Ground Magnetics Survey Data



Map 1a: Reticulate Lake 2022 Ground Magnetics Overlay Ginn 1957 Geology

Reticulate Lake Compilation Map R.M. GINN 1957 Geology with 2022 Fluxgate Ground Magnetic Survey Overlay

- LEGEND**
(GINN 1957 Geology Map 2011)
 5a – Nippising Gabbro
 5c – Agnew Lake Suite
 4 – Espanola Formation
 3 – Mississauga Qtzite
 2c – Polymictic Cong



Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
Porter Twp. Sudbury Mining Division, Ontario

Prospecting & Rock Sample Assay Data Results:

Table 2: Reticulate Lake Property Rock Sample Locations and Descriptions

RETICULATE LAKE Project Sample Descriptions/Locations 2022												
GPS- Zone 17 WGS84			Data Compiled by: Mitch Turcott BSc Geology									
DATE	SAMPLE #	EASTING	NORTHING	Sulphide %	Py	Po	Cpy	Photo	Rock Name	Grn Sz	Strain	Description
17-May	MT22X-001	437580	5139023	3-5%		3	1	Yes	Gabbro	Med	High	Biotite, Silicified contact with qtz
17-May	MT22X-002	437580	5139023	2%	1		1	Yes	Qtz Vein	N/A	Yes	Oxidized Qtz Vein contact with Gb
27-Jun	MT22X-003	437945	5138773	Tr			Tr	Yes	Gabbro	Med	High	BiotiteéSericite Med Grnd Gabbro
27-Jun	MT22X-004	437945	5138773	Tr			Tr	Yes	Qtz Vein	Fine	Yes	Oxidized Qtz Vein contact with Gb
11-Oct	MT22X-005	437935	5138778	Tr			Tr	Yes	Gabbro/Qtz	Med	High	Oxidized Gabbro w/ Qtz Veins
11-Oct	MT22X-006	437935	5138776	Tr			Tr	Yes	Gab/Qtz	Med	High	Oxidized Gabbro w/ Qtz Veins
11-Oct	MT22X-007	437934	5138771	Tr			Tr	Yes	Shr Gabbro	Fine	High	Chl alt Gabbro in contact w/Qtz
11-Oct	MT22X-008	437934	5138769	2			2+	Yes	Peg Gabb/Qtz	Med	High	Pegmatoidal Gabb/Qtz Malachite
11-Oct	MT22X-009	437933	513768	1			1	Yes	Peg Gabbro	Med	High	Chlorite alt Gabbro & Qtz
11-Oct	MT22X_010	437940	5138762	Tr			Tr	Yes	Biotite Gabbro	Fine	High	Alt Biotite Gabbro
11-Oct	MT22X-011	437951	5138762	1			1	Yes	Gabbro	Med	Mod	Gabbro w/ small qtz veins, malachite

Table 3: Reticulate Lake Property Rock Sample Assay Data (values in ppm)

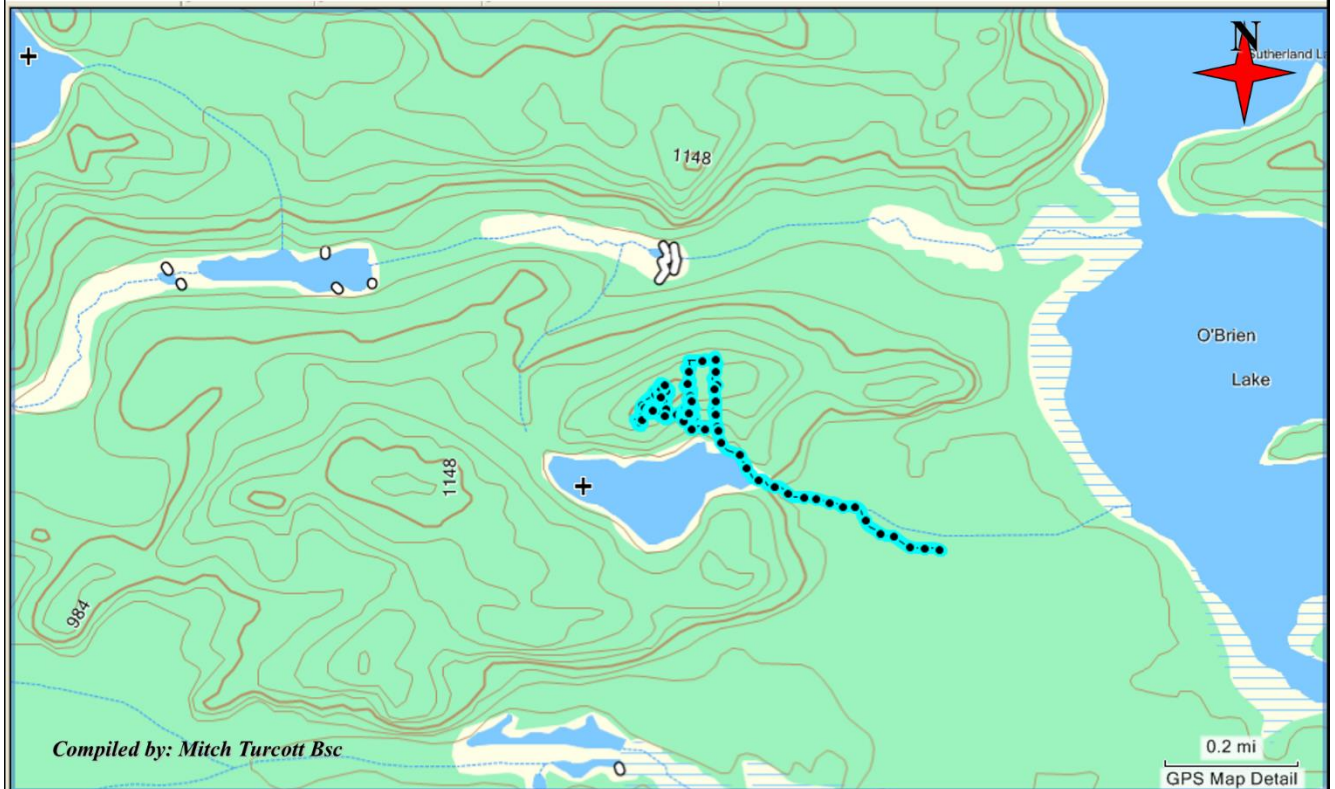
2022 RETICULATE LAKE Project Sample Assay Data													NOTE: ALS Lab Data in PPM
GPS- Zone 17 WGS84			Data Compiled by: Mitch Turcott BSc Geology										
SAMPLE #	EASTING	NORTHING	Au	Ag	Pt	Pd	Cu	Ni	Pb	Co	Bi	Description	
MT22X-001	437580	5139023	2.34	1.7	0.013	0.016	1345	35	23	71	64	Biotite, Silicified contact with qtz	
MT22X-002	437580	5139023	0.379	1.1	<0.005	<0.001	478	3	423	4	31	Oxidized Qtz Vein contact with Gabbro	
MT22X-003	437945	5138773	0.003	<0.02	0.036	0.018	28	48	6	28	<2	BiotiteéSericite Med Grnd Gabbro	
MT22X-004	437945	5138773	0.001	<0.02	0.005	0.001	10	11	2	5	<2	Oxidized Qtz Vein contact with Gabbro	
MT22X-005	437935	5138778	0.009	<0.02	0.013	0.017	104	35	9	19	<2	Oxidized Gabbro w/ Qtz Veins	
MT22X-006	437935	5138776	0.004	<0.02	0.023	0.021	144	33	5	16	<2	Oxidized Gabbro w/ Qtz Veins	
MT22X-007	437934	5138771	0.008	<0.02	0.059	0.046	206	102	5	45	<2	Chl alt Gabbro in contact w/Qtz	
MT22X-008	437934	5138769	0.006	<0.02	0.017	0.014	223	34	3	19	<2	Pegmatoidal Gabbro/Qtz Malachite	
MT22X-009	437933	513768	0.002	<0.02	0.02	0.01	134	69	3	43	<2	Chlorite alt Gabbro & Qtz	
MT22X-010	437940	5138762	0.009	<0.02	0.023	0.01	175	57	2	28	<2	Alt Biotite Gabbro	
MT22X-011	437951	5138762	0.026	<0.02	0.036	0.015	255	33	4	23	<2	Gabbro w/ small qtz veins, malachite	

Note: See Appendix 2 for ALS Lab Certificates and complete assay results

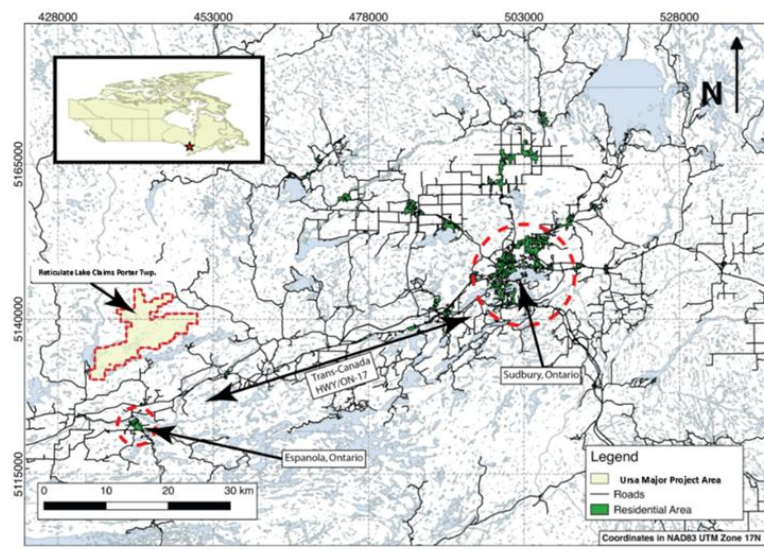
Map 2: Reticulate Lake Property GPS Track Log Map, May 3/2022

Reticulate Lake GPS Track Map

May 3/2022 Porter Twp., Sudbury Mining District



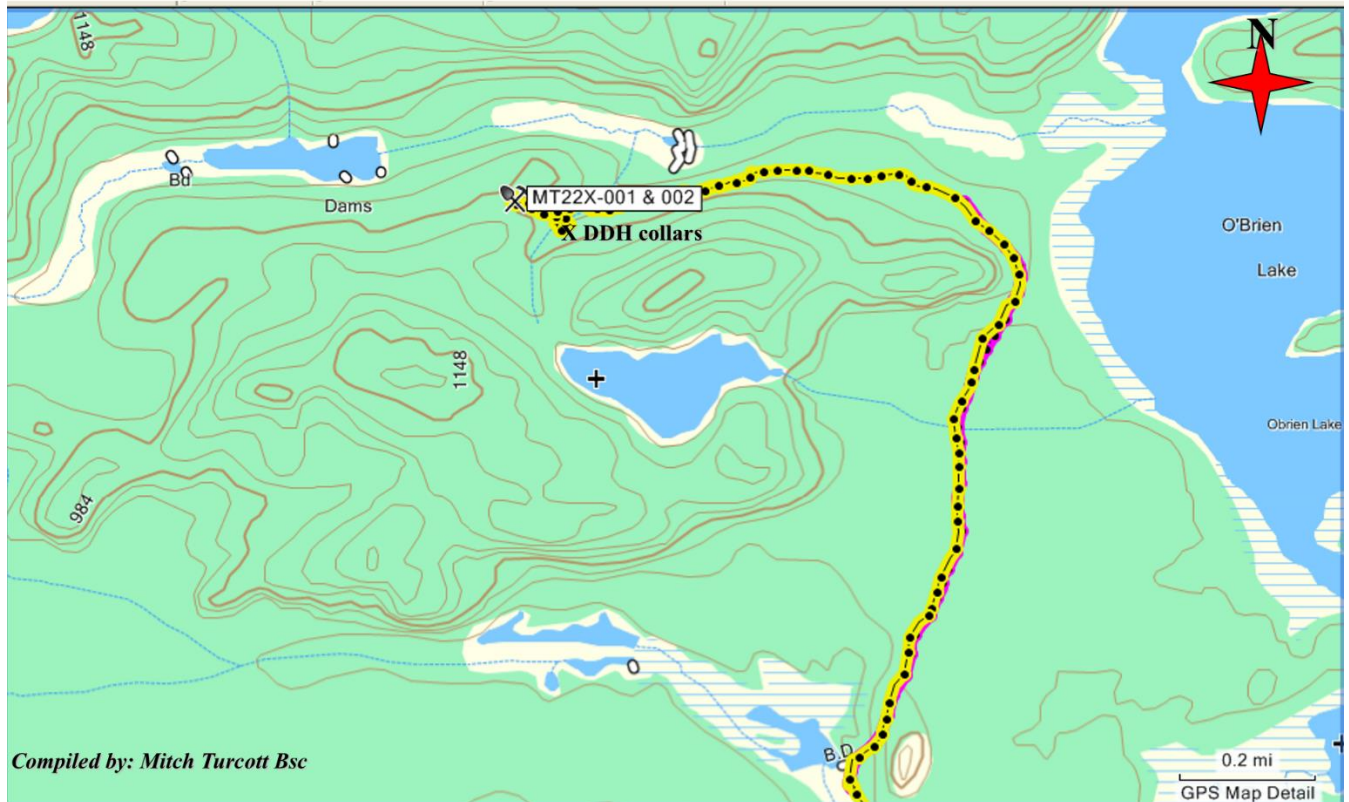
Note: May 3, 2022 GPS Track Map to locate PFN and BP Minerals rock sample locations North of Reticulate Lake and prospect the area. NO samples taken.



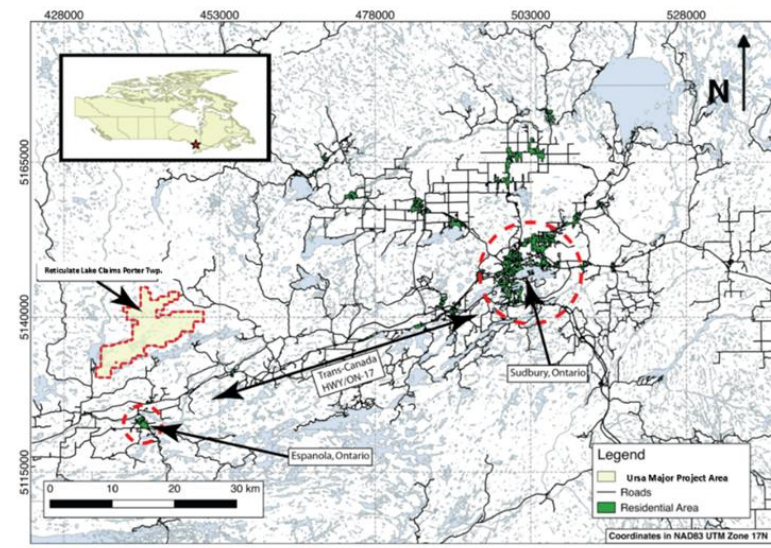
Map 3: Reticulate Lake Property GPS Track Log Map, May 4/6/17, 2022

Reticulate Lake GPS Track Map & Sample Locations

May 4/6/17 2022 Porter Twp., Sudbury Mining District



Note: GPS Track Map for May 4/6/17 2022, ATV trail cutting/brushing, PFN DDH collar locating, prospecting and sampling of PFN quartz vein Au showing (MT22X-001 & 002).



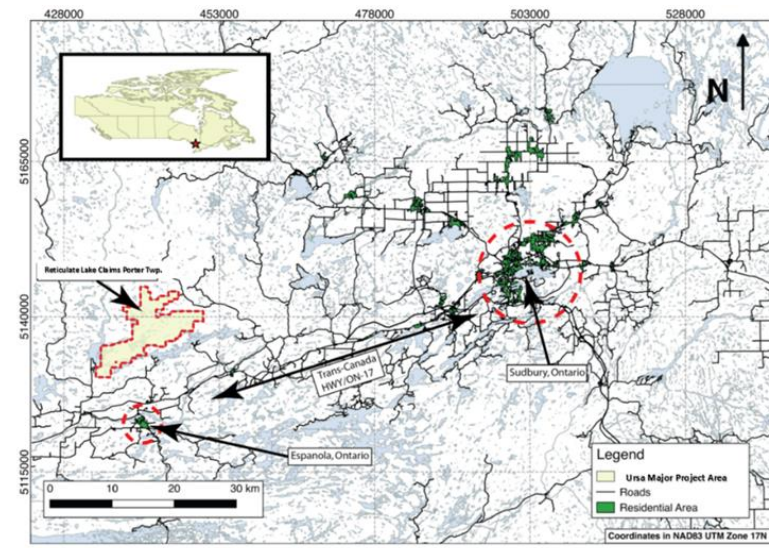
Map 4: Reticulate Lake Property GPS Track Log Map, May 24, 2022

Reticulate Lake GPS Track Map

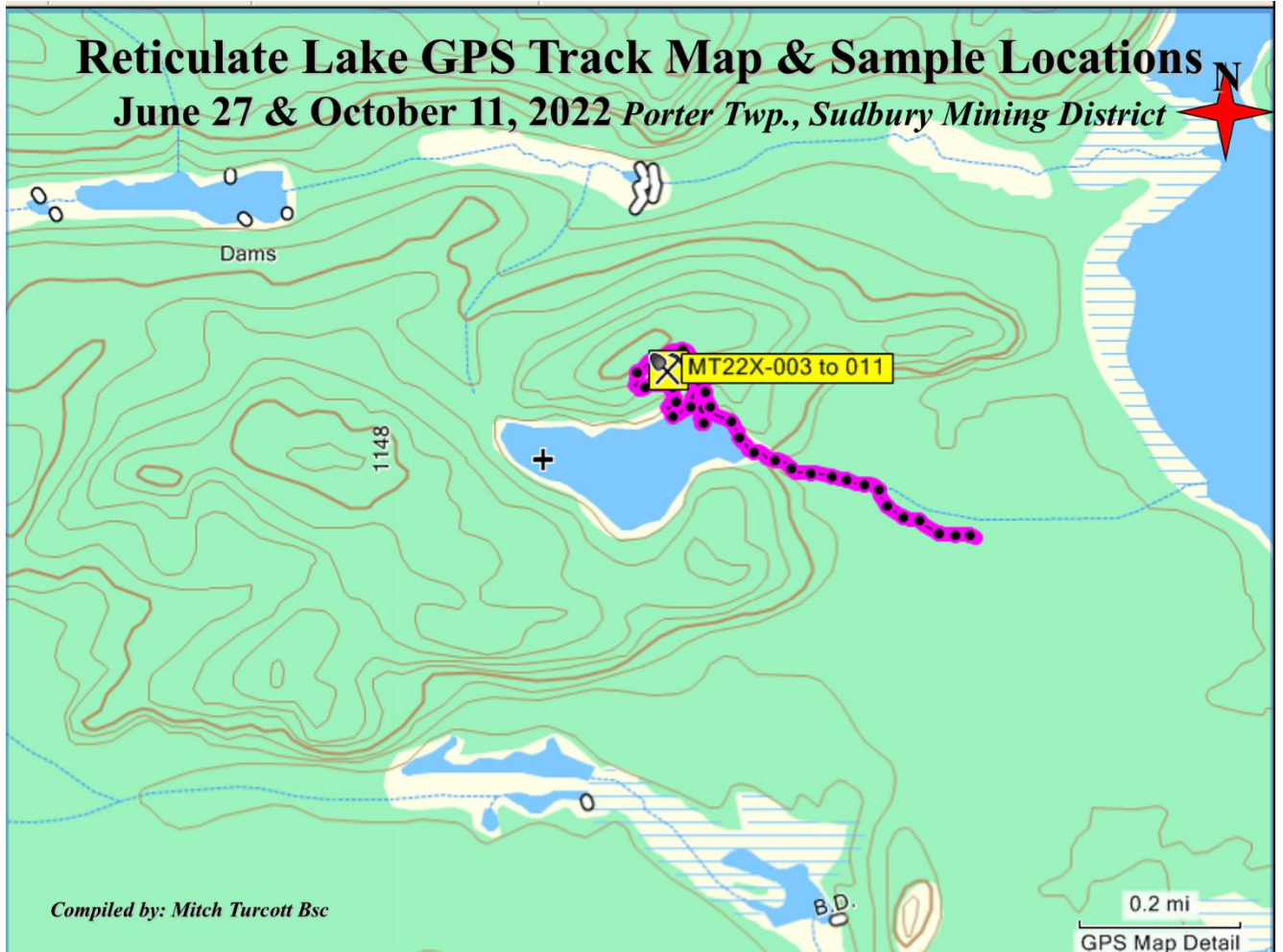
May 24/2022 Porter Twp., Sudbury Mining District



Note: GPS Track Log Map of prospecting South of Reticulate Lake on May 24/2022, NO rock samples taken.



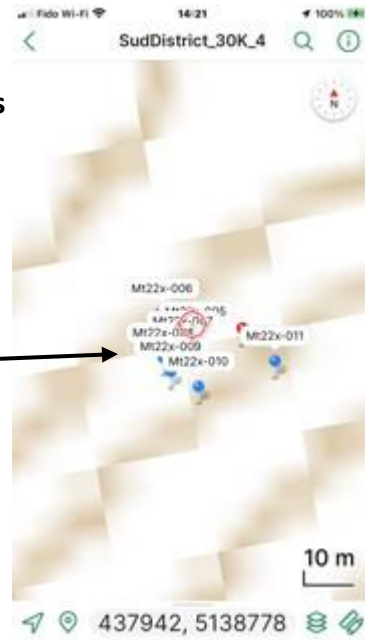
Map 5: Reticulate Lake Property GPS Track Log Map, June 17 & Oct.11, 2022



Note: GPS Track Map and 9 Rock Sample Locations (MT22X-003 to 011)



Red Pins:
 2001 PFN Sample Locations
 Blue Pins:
 MT22X Sample Locations



Recommendations:

Further work is recommended for the Reticulate Lake Au/PGM Property based on the magnetic anomalies identified during the March 2021 & 2022 ground magnetics survey and the 2022 spring/summer ground prospecting and rock sampling program. Geological mapping should be conducted in areas of interest to correlate the ground magnetic data to the property lithologies and to follow up on anomalous precious metal results (Pt/Pd/Au) obtained from rock samples taken on the property.

Areas of magnetic highs that were not prospected during the 2022 prospecting and rock sampling program should be prospected to determine the presence of sulphides and quartz veins. Rock sampling and assaying should be conducted if the mineralization is deemed of interest.

Areas of poor outcrop exposure may need to be trenched to expose the bedrock which would allow for geological mapping, determination of the orientation of geological structures and any mineralization that may be present. The previously known gold in quartz vein showing located on claim 521060 should be further prospected and stripped of any overburden to try to determine the precise orientation and extent of gold mineralization. A track excavator would be the best piece of equipment to remove overburden from this zone and then washed with a high pressure water pump, mapped and sampled.

The proposed recommended work program of power stripping, washing, prospecting, sampling and geological mapping would take approximately 1 week of field work with a two person field crew plus excavator operator. The estimated budget for this work program would be approximately \$15,000.00 for labour and excavator rental plus expenses (fuel, meals, sample assay's etc.).

Statement of Qualifications

I, Mitchell Turcott of Webbwood, Ontario, do hereby certify that:

I hold a B.Sc. degree in Geology from Laurentian University, awarded in 1998.

I hold a Geological Technician degree from Cambrian College, awarded in 1980.

I have been working as an exploration geologist and prospector since the 1970's for base and precious metals, uranium and dimensional stone in the provinces of Ontario, Quebec, Labrador, Saskatchewan, Yukon and the Northwest Territories.

The information, conclusions and recommendations contained within this report are based on my knowledge, education and experience working in the field and my review of literature, technical reports and other assessment file reports relating to the exploration for Gold, Nickel, Copper and Platinum Group Metals.

I have prepared this report as a requirement for assessment work for mining claims under the Mining Act of Ontario R.S.O. 1990 and is in compliance with Ontario Regulation 65/18 Assessment Work and in the format required as per the Technical Standards for Reporting Assessment Work.

Mitchell Turcott

April 1, 2023

Mitchell Turcott, Honours B.Sc. Geology

References

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Easton, R. M., Geology and Mineral Potential of Porter and Vernon Townships, Southern Province, 2005; Ontario Geological Survey Open File Report 6172.

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Woodhead, J., Moul, F., Processing and Assessment of Airgrav Data and VTEM Electromagnetic and Magnetic Data over the Shakespeare Property, 2016; Assessment File Report for Ursa Major Minerals.

Appendix 1


GPSMAP® 60Cx and 60CSx

Navigation features

Waypoints/icons: 1000 with name and graphic symbol, 10 nearest (automatic), 10 proximity

Routes: 50 reversible routes with up to 250 points each, plus MOB and TracBack® modes

Tracks: 10K point automatic track log; 20 saved tracks 500 points each let you retrace your path in both directions

Trip computer: Current speed, average speed, resettable max. speed, trip timer and trip distance

Alarms: Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water

Tables: Built-in celestial tables for best times to fish and hunt, sun and moon rise, set and location

Map datums: More than 100 plus user datum

Position format: Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user UTM grid only

GPS performance

Receiver: 12 channel SiRFstar III™ high-sensitivity GPS receiver (WAAS-enabled) continuously tracks and uses up to 12 satellites to compute and update your position

Acquisition times*:
Warm: <1 sec
Cold: <38 sec
AutoLocate™: <45 sec

Update rate: 1/second, continuous

GPS accuracy:
Position: <10 meters, typical
Velocity: .05 meter/sec steady state

DGPS (WAAS) accuracy:
Position: <5 meters, typical
Velocity: .05 meter/sec steady state

Protocol messages: NMEA 0183 output protocol

Antenna: Built-in quad helix receiving antenna, with external antenna connection (MCX)

Moving map features

Basemap: Detailed routable basemap with cities, highways, interstates, exit info, rivers, lakes; preloaded with worldwide cities

Uploadable maps: Accepts downloaded or plug-in microSD map detail from a variety of optional MapSource media (64 MB microSD card included)

Electronic compass feature: (GPSMAP 60CSx only)

Accuracy: ±2 degrees with proper calibration (typical); ±5 degrees extreme northern and southern latitudes

Altimeter feature: (GPSMAP 60CSx only)

Resolution: 1 foot

Range: -2,000 to 30,000 feet

Elevation computer: Current elevation, resettable minimum and maximum elevation, ascent/descent rate, total ascent/descent, average and maximum ascent/descent rate

Pressure: Local pressure (mbar/inches HG)

Power Source: Two "AA" batteries (not included)

Battery life: 18 hours, typical; up to 30 with battery saving

Physical

Size: 2.4W x 6.1H x 1.3D inches (61mm x 155mm x 33mm)

Weight: 7.5 oz. (213 g) est.

Display: 1.5 x 2.2 inches (38.1mm x 56mm) 256-color transreflective TFT (160 x 240 pixels) (160 x 240 pixels)

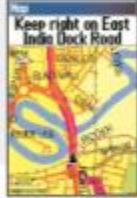
Case: Waterproof to IPX-7 standards

Temp. range: 5°F to 158°F (-15°C to 70°C)


Accessories

Standard: 64 MB microSD data card
 Belt clip
 USB PC interface cable
 MapSource Trip & Waypoint Manager CD
 Users manual
 Quick reference guide
 Wrist strap


Optional: Automotive Navigation Kit (includes City Navigator™)
 Automotive mount
 Marine mount
 Suction cup mount
 Carrying case
 12-volt adapter cable
 Power/data cable
 Remote GPS antenna



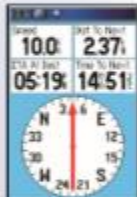
With enhanced street map detail from optional MapSource software, you can look up destinations and view automatic point-to-point routes.



The GPSMAP 60 series accepts downloaded map detail, including topo maps with elevation information.




The barometric altimeter feature on the GPSMAP 60CSx provides elevation profiles for climbers and hikers.



Garmin's "sensor version" GPSMAP 60CSx also features a large, easy-to-read electronic compass display.

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 Shijr, Taipei County, Taiwan
 886/2.2642.9199 fax 886/2.2642.9099

www.garmin.com

Specifications are preliminary and subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense Imposed Selective Availability Program.

** These units are also able to transfer waypoints, routes and tracks between the PC and the device using MapSource™.

Appendix 2: ALS Lab Certificates for Reticulate Lake Samples



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

To: MITCH TURCOTT
 BOX 338
 662 AGENEW LAKE ROAD
 WEBBWOOD ON POP 2G0

Page: 1
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 8-JUN-2022
 Account: MTLBSNVY

CERTIFICATE SD22132285

Project: Reticulate Lake Property
 This report is for 2 samples of Rock submitted to our lab in Sudbury, ON, Canada on 20-MAY-2022.
 The following have access to data associated with this certificate:
 MITCH TURCOTT

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-21	Crush entire sample
DISP-01	Disposal of all sample fractions

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES

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

Signature: 
 Saa Traxler, Director, North Vancouver Operations

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
Porter Twp. Sudbury Mining Division, Ontario



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 8-JUN-2022
 Account: MTBLSNVV

Project: Reticulate Lake Property

CERTIFICATE OF ANALYSIS SD22132285

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
MT22X-001		1.66	1.1	3.86	<2	<10	70	<0.5	64	0.23	<0.5	71	13	1345	9.06	10
MT22X-002		0.53		0.85		<10		<0.5	31	0.06	<0.5	4	9	478	4.02	<10

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

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

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Page: 2 - B
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 8-JUN-2022
 Account: MTBLSNVY

Project: Reticulate Lake Property

CERTIFICATE OF ANALYSIS SD22132285

Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Li ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm
MT22X-001		<1	0.44	<10	40	2.74	873	3	0.01	35	280	23	1.06	<2	7	6
MT22X-002		<1	0.38	<10	<10	0.95	112	12	0.02	3	170	423	0.40	<2	2	4

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

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

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 Account: MTBLSNVY

Project: Reticulate Lake Property
CERTIFICATE OF ANALYSIS SD22132285

Sample Description	Method Analyte Units LOD	ME-ICP41 Th ppm 20	ME-ICP41 TI % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	PGM-ICP24 Au ppm 0.001	PGM-ICP24 Pt ppm 0.005	PGM-ICP24 Pd ppm 0.001	CRU-OC Pas2mm % 0.01	PUL-OC Pas375um % 0.01
MT22X-001		<20	0.12	<10	<10	164	<10	115	2.34	0.013	0.016	85.0	85.4
MT22X-002		<20	0.06	<10	<10	31	<10	13	0.379	<0.005	<0.001		

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

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
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Page: 1
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2022
 Account: MTBLSMVY

CERTIFICATE SD22294296

Project: Reticulate Lake Property
 This report is for 9 samples of Rock submitted to our lab in Sudbury, ON, Canada on 14-OCT-2022.
 The following have access to data associated with this certificate:
 MITCH TURCOTT

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Red w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
DISP-01	Disposal of all sample fractions
CRU-OC	Crushing QC Test
PUL-OC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
PCM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES

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

Signature: 
 Saa Traxler, Director, North Vancouver Operations

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property

Porter Twp. Sudbury Mining Division, Ontario



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 Project: Reticulate Lake Property
CERTIFICATE OF ANALYSIS SD22294296

Page: 2 - A
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2022
 Account: MTBLSNVY

Sample Description	Method Analyte Units LOD	CRU-OC Pass2mm %		PUL-OC Pass75um %		PGM-ICP24 Au ppm		PGM-ICP24 Pt ppm		PGM-ICP24 Pd ppm		ME-ICP41 Ag ppm		ME-ICP41 Al ppm		ME-ICP41 As ppm		ME-ICP41 B ppm		ME-ICP41 Ba ppm		ME-ICP41 Be ppm		ME-ICP41 Bi ppm		ME-ICP41 Ca %		ME-ICP41 Cd ppm	
		WEI-21 Recd Wt. kg	Pass2mm %	Pass75um %	Pt ppm	Pd ppm	Ag ppm	Al ppm	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm														
MT22X-003	1.55	76.0	85.8	0.003	0.036	0.018	<0.2	2.38	2	<10	160	<0.5	<2	1.14	<0.5														
MT22X-004	1.27		93.0	0.001	0.005	0.001	<0.2	0.45	3	<10	30	<0.5	<2	0.24	<0.5														
MT22X-005	1.43			0.009	0.013	0.017	<0.2	1.72	6	<10	30	<0.5	<2	1.04	<0.5														
MT22X-006	1.65			0.004	0.023	0.021	<0.2	1.65	5	<10	30	<0.5	<2	1.01	<0.5														
MT22X-007	1.11			0.008	0.059	0.046	<0.2	3.89	10	<10	30	<0.5	<2	0.50	<0.5														
MT22X-008	1.30			0.006	0.017	0.014	<0.2	1.98	6	<10	20	<0.5	<2	0.50	<0.5														
MT22X-009	1.33			0.002	0.020	0.010	<0.2	4.06	6	<10	<10	<0.5	<2	0.12	<0.5														
MT22X-010	1.49			0.009	0.023	0.010	<0.2	2.76	6	<10	100	<0.5	<2	1.15	<0.5														
MT22X-011	0.83			0.026	0.036	0.015	<0.2	1.91	7	<10	30	<0.5	<2	1.25	<0.5														

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

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
 Porter Twp. Sudbury Mining Division, Ontario



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 Account: MTBLSNVY

CERTIFICATE OF ANALYSIS SD222294296

Project: Reticulate Lake Property

Sample Description	Method Analyte Units LOD	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Li ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Nb %	ME-ICP41 Ni ppm	ME-ICP41 P ppm
MT22X-003		28	22	28	4.27	10	1	0.80	10	20	1.44	405	1	0.13	48	610
MT22X-004		5	25	10	1.05	<10	<1	0.11	<10	<10	0.24	140	3	0.04	11	140
MT22X-005		19	12	104	3.45	10	1	0.11	<10	20	1.01	295	1	0.11	35	420
MT22X-006		16	19	144	2.89	10	<1	0.11	10	10	0.87	300	1	0.09	33	410
MT22X-007		45	83	206	7.44	10	1	0.04	<10	40	3.02	734	1	0.02	102	450
MT22X-008		19	17	223	4.48	10	1	0.04	<10	10	1.23	380	1	0.04	34	410
MT22X-009		43	41	134	8.63	10	<1	0.02	<10	40	2.94	675	<1	0.03	69	390
MT22X-010		28	56	175	4.10	10	<1	0.49	10	20	1.57	405	<1	0.17	57	370
MT22X-011		23	12	255	3.55	10	<1	0.13	10	10	1.09	398	1	0.12	33	460

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

Prospecting & Rock Sampling Survey Report for the Reticulate Lake AU/PGM Property
 Porter Twp. Sudbury Mining Division, Ontario



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Page: 2 - C
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2022
 Account: MTBLSNVY

CERTIFICATE OF ANALYSIS SD22294296

Project: Reticulate Lake Property

Sample Description	Method Analyte Units LOD	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 TI %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
MT22X-003		6	0.01	<2	7	15	<20	0.20	<10	<10	91	<10	66
MT22X-004		2	<0.01	<2	1	5	<20	0.05	<10	<10	16	<10	19
MT22X-005		9	0.02	<2	7	11	<20	0.14	<10	<10	78	<10	42
MT22X-006		5	0.02	2	4	16	<20	0.13	<10	<10	63	<10	39
MT22X-007		5	0.01	2	5	12	<20	0.17	<10	<10	83	<10	73
MT22X-008		3	0.01	<2	5	17	<20	0.14	<10	<10	85	<10	36
MT22X-009		3	0.01	<2	12	5	<20	0.15	<10	<10	163	<10	72
MT22X-010		2	0.08	<2	5	26	<20	0.14	<10	<10	68	<10	43
MT22X-011		4	0.02	<2	6	17	<20	0.15	<10	<10	73	<10	40

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