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2022 Prospecting Report
BenoMath Property – Oddur Project
Connaught, Churchill, Miramichi, and Asquith Townships
Larder Lake Mining Division, Ontario

By:
Todd Mathieu
April 6, 2023

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1.0 INTRODUCTION

1.1 Scope of Work

This report describes the prospecting and sampling, with utilizing a Beep Mat 8 as a prospecting tool, completed between May 12, 2022 to May 15, 2022 on the BenoMath Property – Oddur Project.

1.2 Technical Parameters

GPS Receiver Type:

- Garmin GPSmap 60CSx
- Differential correcting enabled
- Averaging (minimum 150 positional fixes over 150 seconds)

Coordinate System:

- NAD83, UTM Zone 17

Camera Type:

- Canon PowerShot D30, 12.1MP, waterproof/shockproof,

Beep Mat 8 – Borrowed from Timmins Resident Geology Office

1.3 Current Plans & Permits

No plans or permits currently in place.

2.0 PROPERTY DESCRIPTION

2.1 Location and Access

The BenoMath Property – Oddur Project lies 3 kilometers northwest of the town of Shinning Tree in the Larder Lake Mining Division. (Figure 1-1)

BenoMath Property – Oddur Project – 2022 Prospecting Report

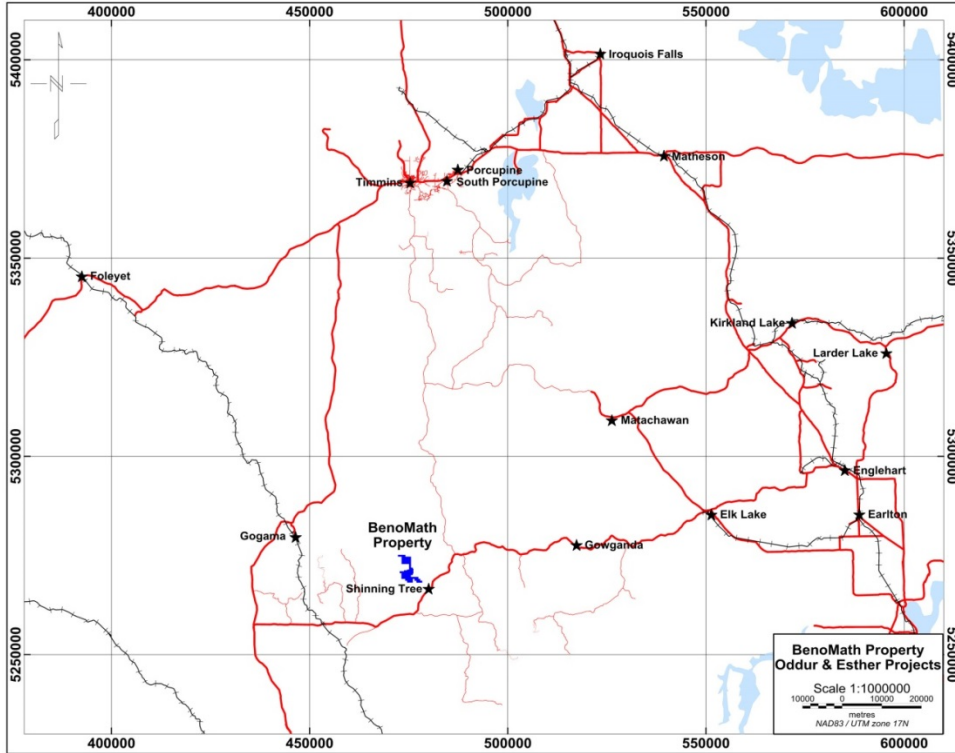


Figure 1-1

Ground access to the BenoMath Property – Oddur Project from Timmins, Ontario, Canada begins by traveling approximately 22km west of Timmins on highway 101. Precede an additional 118km south on highway 144 until reaching highway 560 (Watershed). Precede an additional 34km east on highway 560 until reaching Nabakwasi Lake Road. From this point travel 17km north to northeast until reaching the BenoMath Property. (Figure 1-2)

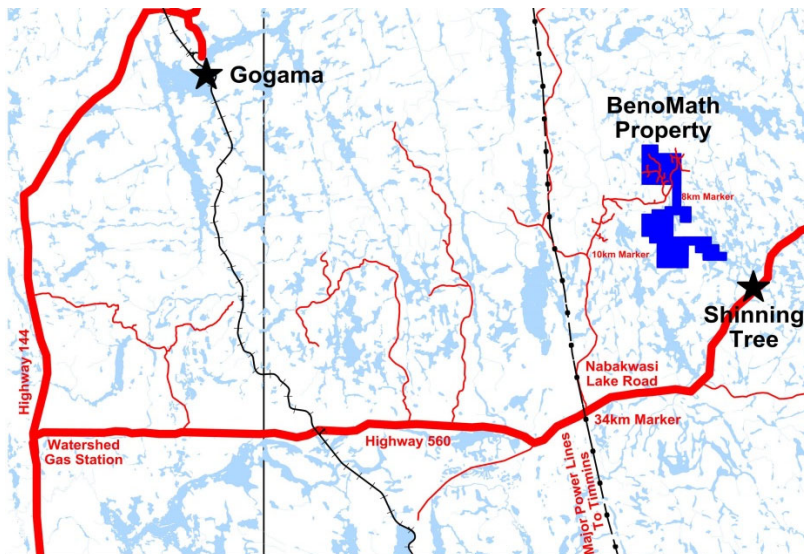


Figure 1-2

2.2 Property Overview

The BenoMath – Oddur Project currently consists of 47 claim cells/boundary cells. (Figure 2-1). There are currently no reported mineral deposits or showings on the Oddur Property, but due to the local geology, historical mineral deposits in the area and EM conductors highlighted in earlier airborne geophysics, the property was selected for examination for VMS/Sedex, metamorphic/magmatic, and potential Au deposits. The BenoMath – Esther Project directly north does contain the historic Goldhurst Cu mineral deposit which has doubled in size and grade based on recent exploration.

To the northwest, IAMGOLD is currently exploring for gold on the Elephant Head Au Project. Directly to the west and north is Knightsbridge Exploration’s North Wind Property where they are exploring for several commodities along with hosting the historic Elephant Head Cu, Au, deposit. Directly to the east, Tamarack Gold is exploring the historic Pacesetter Au mineral deposit.

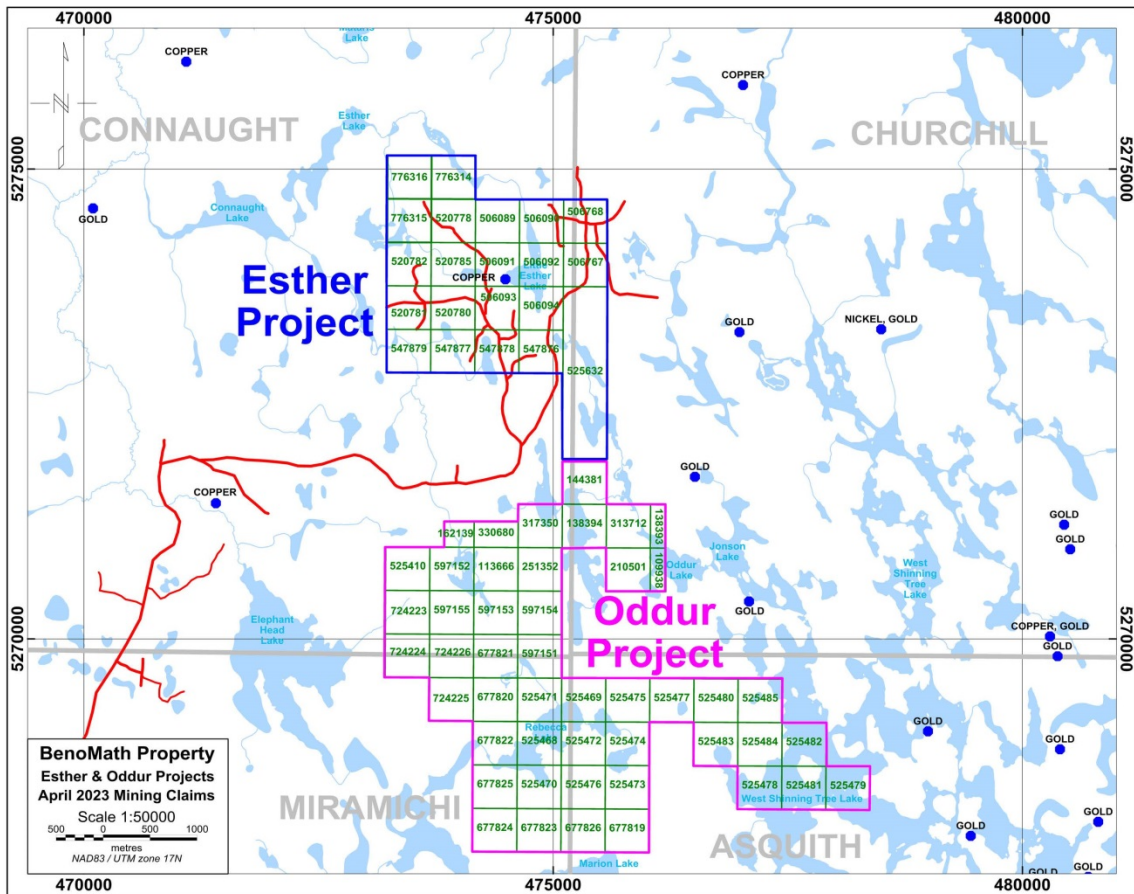


Figure 2-1

3.0 GPS GEOREFERENCING OF DATA

3.1 Collection of Data & Quality Control

Data was collected by Todd Mathieu. The technical specifications as outlined in the document labelled “Georeferencing Standards for Unpatented Mining Claims” created by the ENDM was used as a guide. Weather on the days of data collection varied from hot and sunny to overcast or smoky with no precipitation present. Satellite reception was adequate over most of the property and provided accuracy of 3-5 meters during the program.

4.0 BenoMath Property - Oddur Project

4.1 Historic Work

The Oddur Project area has seen intermittent exploration over the last century mostly during peak commodity cycles. Portions of the property have had several forms of airborne and ground geophysics performed but with very little physical work reported. The most recent quality airborne survey completed was in 2008.

It consisted of a VTEM survey performed by Geotech LTD for Slocan Minerals Corp. This data will be extensively utilized to guide all future exploration programs on the Oddur Property.

Recent years of prospecting, utilizing the Slocan survey and a Beep Mat 8 as a prospecting tool, has located additional sulphide showings with grades of Cu as high as 0.29% at the northern edge of the Oddur Property.

4.2 Prospecting & Sampling Summary

A Beep Mat 8 Survey unit was borrowed from the ENDM Timmins office to be used as a prospecting tool when prospecting/traversing through the bush. Although cumbersome in the bush, the Beep Mat 8 acts as a secondary tool highlighting both conductive and magnetic boulders and bedrocks below overburden which increases the effectiveness of the prospecting program.

The writer has used this technique in the past which lead to the discovery of the MATHU Ni/Cu Prospect in 2015 in Groves Township.

Recent forestry activity in the area of the BenoMath Property has improved access over the course of 2018-2022 allowing for vehicle access to areas that have seen very little quality exploration/prospecting. Focus of this program will be the geology north and south of Rebecca Lake, and more so in the vicinity of

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the historic AEM anomalies south of Rebecca Lake. Topography in this area is aggressive due to the number of intrusive dykes and cross cutting faults. Tree vegetation ranges from large groves of jack pines to birch or poplar to mixed bush in the higher grounds with the low lying areas ranging from tag alders to cedars.

Three separate locations were prospected beginning with point of interest A1-A2, B1-B2, and the area at and north of C1 (Figure 4-1).

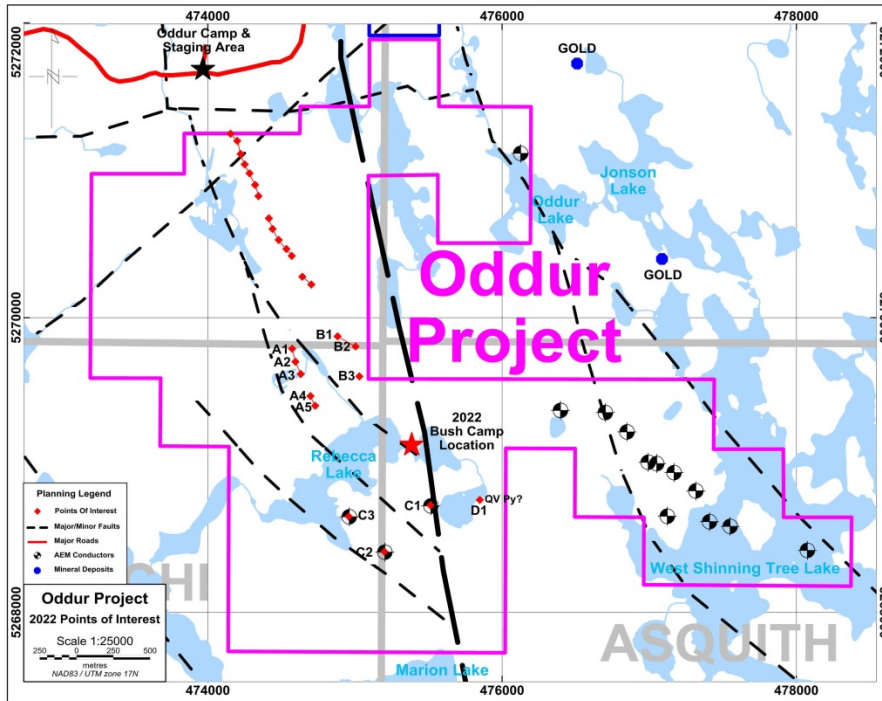


Figure 4-1

The location between A1-A2 appears to be a mafic magnetic dyke striking north northwest containing local amounts of trace to one percent iron sulphides. A pile of mafic volcanic boulders also containing sulphides and minor carbonate was located along the western edge, but it is unclear if it came from the local bedrock. A Beep Mat conductor was highlighted directly east, but turned out to be a football size boulder of heavily weather iron sulphides and doesn't appear to be related to the local bedrock. It is worthwhile spending additional time prospecting this area, but the area has been downgraded as a target due to more promising geology to the south of the property.

The section between B1-B2 was briefly examined during this prospecting trip. This area is high in topography, rolling overburden, jack pine along with some mixed bush, and is situated along a north northwest trending ridge that is highly magnetic on the Slocan VTEM survey. This ridge can be followed all the way to

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the northern border of the Oddur Property, is highly magnetic in places, and in some locations provided a conductive halo in the Slocan VTEM survey. With the limited outcrop available, a couple chip samples were taken, but the unit in question was fine grained, mafic, med to dark grey and most likely part of the mafic dyke body seen to the north.

At the location of C1 there appears to be clay like overburden situated over C1. Unfortunately the Beep Mat 8 was broken, so no traverses were completed with the Beep Mat. The area proved to be difficult for locating bedrock and I was forced to move southwards to available bedrock ridges that provided locations to chip sample. Multiple carbonate quartz stringers were located along two separate ridges and were sent for analysis. There is no notable shearing/structure for the quartz veining but appeared to be fracture filling in nature. The quartz appeared to be barren with nil to trace sulphides identified within the host mafic units. OD-2022GRAB-02 & OD-2022GRAB-04 both contained anomalous Au values upon lab analysis. There appears to be an east/west low topography area between both of these sample locations/ridges which is unusual as most of the topographic trends/ridges are north/south to northwest/southeast due to the number of dykes and faults on the property.

According to historical mapping by the OGS there is also a porphyry unit mapped between these ridge within the flat low lying area. Considering AEM C1 directly to the south and increase in carbonation in the area, additional detailed prospecting/mapping and Beep Map 8 surveying should be completed in this area to further explore for any alterations that maybe related to an increase in Au values.

On the return to the truck, sample OD-2022GRAB-06 was taken from a location along the little lake off the southeast end of Rebecca Lake. The sample appeared to be a mix of mafic grains along with red porphyry grains, with minor local carbonate on a fresh break. Only anomalous gold was returned at 0.013 gpt Au.

Three grab samples were selected for lab analysis (Table 1-1 & Table 1-2). Samples were sent to AGAT Laboratories and returned only anomalous Au value.

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Oddur 2022 Grab Samples - Location & Description

Sample ID	Easting (NAD83)	Northing (NAD83)	Sample Description
OD-2022GRAB-01	474584	5269747	dark mafic, fine grained, magnetic, trace to 1% iron sulphides, appears to be a northwest trending dyke, possibly matachawan?
OD-2022GRAB-02	475459	5268728	Irregular stringers of quartz, in med grey mafic volcanic, trace sulphides in host. Mild reaction to acid.
OD-2022GRAB-03	475459	5268728	Host rock to OD-2022GRAB-02, fine grained, med grey, trace sulphides
OD-2022GRAB-04	475400	5268890	Irregular stringers/blebs of quartz in med to light grey mafic volcanic, very localized trace sulphides in host. Mild reaction to acid.
OD-2022GRAB-05	475400	5268890	Host rock to OD-2022GRAB-04, fine grained, light grey to grey volcanic, with localized trace sulphides
OD-2022GRAB-06	475363	5269086	both dark mafic grains with redish porphyry grains. Mafic is believe to be related to the mafic dyke to the east as seen along shore of lake. Mild local reaction to acid.

Table 2-1

Oddur 2022 Grab Samples - Lab Results

Sample ID	Au (gpt)	Pd (gpt)	Pt (gpt)
OD-2022GRAB-02	0.011	0.002	<0.005
OD-2022GRAB-04	0.004	0.001	<0.005
OD-2022GRAB-06	0.013	0.001	<0.005

Table 2-2

5.0 Conclusion

Although the program suffered multiple setbacks due do the out of control forest fire to the southwest, and the Beep Mat 8 failed to operate correctly on day 2 of the traverse, additional geological information was collected during the program. Unfortunately the program was cut short due to the described failures.

An additional four day program was scheduled to be attempted a second time in the fall of 2022, but due to a hand injury sustained in August by the writer requiring three months of zero movement/splinted followed by two months of physio/rehabilitation, geological programs on the Esther Project were put on hold for 2022.

At a minimum, a three to four day program should be planned for 2023 during a time where it is warm enough to sleep under the stars, but lacking in blackflies and mosquitos. Once again with the use of a Beep Mat 8, C1-C3 should be prospected and evaluated, along with additional sampling in areas of increased carbonation and anomalous Au with the goal of locating structures that may have acted as conduits for the carbonation and potential for Au mineralization.

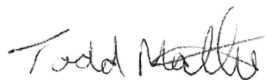
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In addition it is suggested to locate and sample any porphyry's or syenites in the area and if carbonated and/or mineralized send for analysis considering the property is situated between the two low grade large tonnage deposits of the Cote Lake Deposit to the west and the Juby Gold Deposit to the east. Special attention should be taken anywhere there are north to northwest trending structures/faults similar to the Tyrell fault to the east, east/west structures/faults similar to the Rideout Deformation Zone to the northwest, and or southwest/northeast structures/faults similar to that of the Kirkland Lake fault that host the Young Davidson Au Mine to the northeast or the Cousineau Au showing to the northwest.

In addition, there are historic AEM anomalies along the northwest shore of West Shinning Tree Lake, that should be prospected and Beep Mat 8 surveyed to further verify the conductive nature of each anomaly and to rule out the possibility that economic mineralization could be hiding within the graphite conductors reported historically. This would require an extensive field program via boat access across West Shinning Tree Lake which would prove more difficult for logistics. From a safety point of view this should be completed in the summer months when water temperature is warm and water levels are low.

Additional trenching and detailed prospecting should also be undertook on the Oddur Property in the location of the 2018 and 2019 field programs where elevated Cu values as high as 0.29% Cu have been located.

To date the Oddur Project remains under explored and highly prospective for the discovery of new mineral deposits. The project requires additional quality geological work to find answers to the geophysical responses from the Slocan VTEM survey, the historic AEM survey on the southern portion of the property, and further define the geological knowledge and structures present on the Oddur Project.



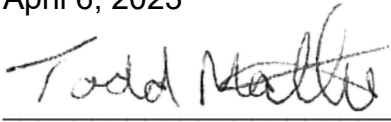
Todd Mathieu

6.0 STATEMENT OF QUALIFICATIONS

I, Todd Mathieu, do hereby certify that:

1. I reside at inSouth Porcupine, Ontario, Canada.
2. I am a graduate of the Computer Programmer/Analyst Program at Canadore College, North Bay, Ontario.
3. I have practiced my geological and geophysical profession intermittently from 1994 to 2009, and consistently from 2009 to present. I have been directly involved in the exploration of several mineral commodities in Ontario and have a strong technical background in geophysics and GIS.
4. I have completed the Mining Act Awareness Program (verification number: BE8C-9100-C9D2-3E6E) and I am familiar with the mining act regulations, policies and procedures.

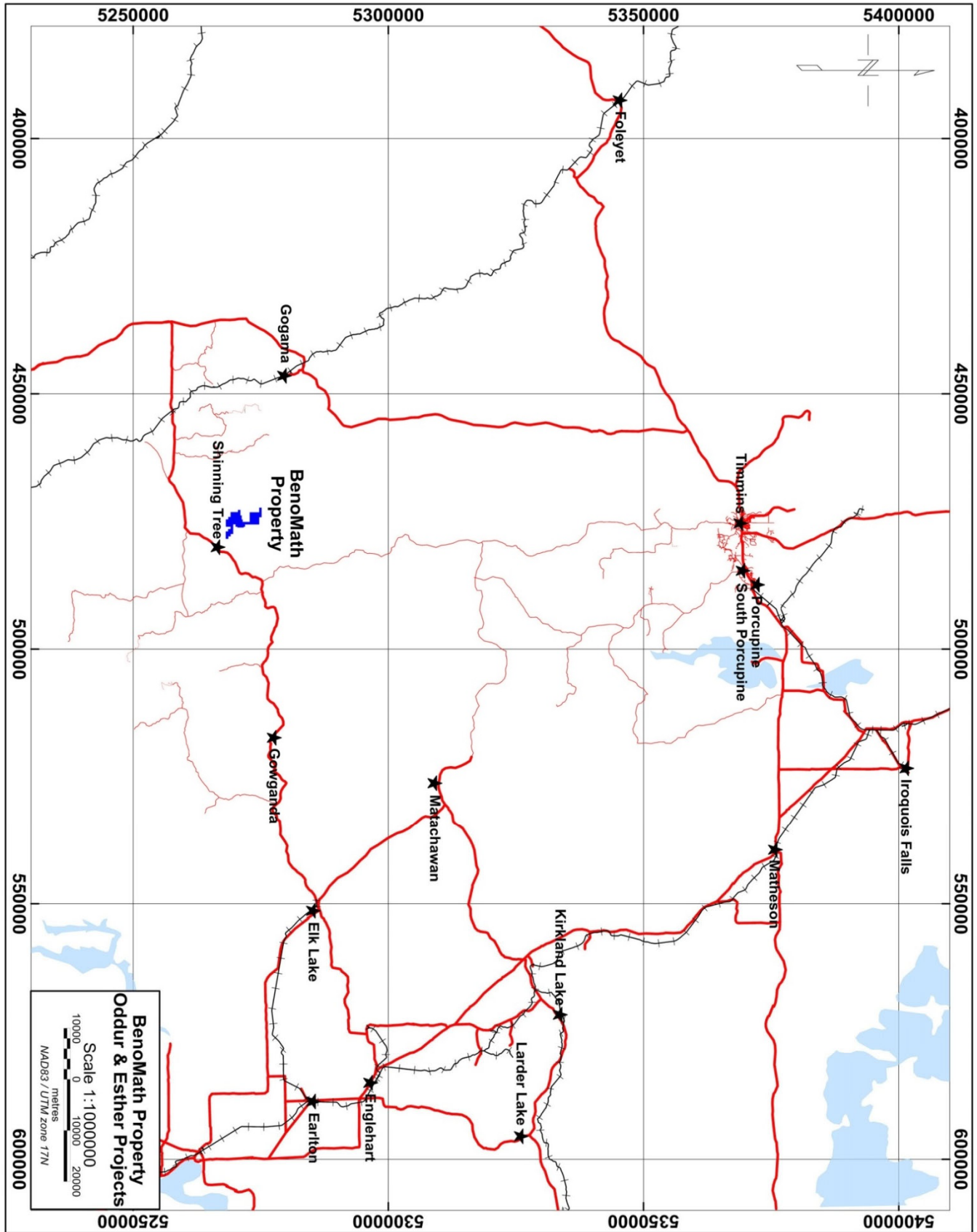
April 6, 2023



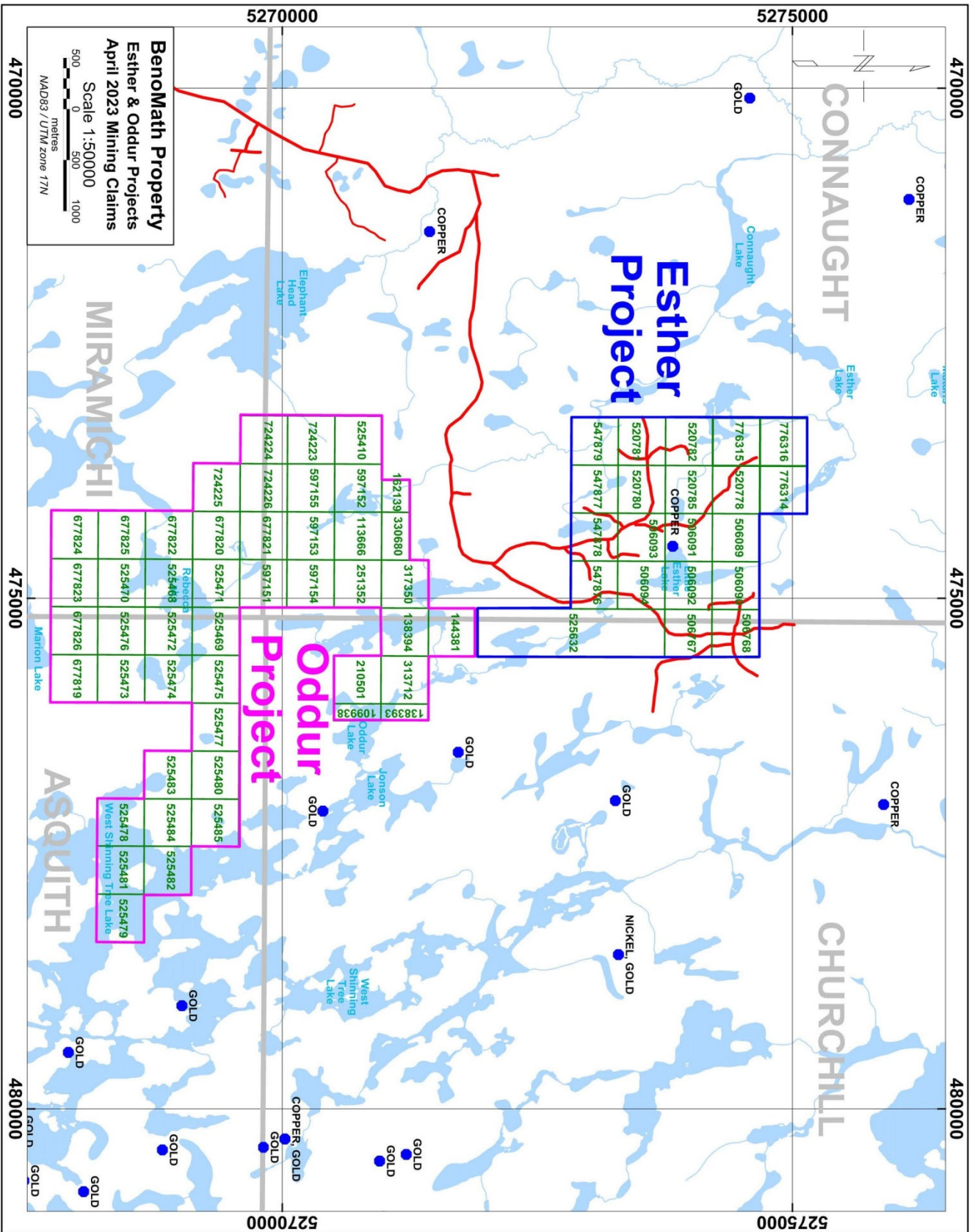
Todd Mathieu

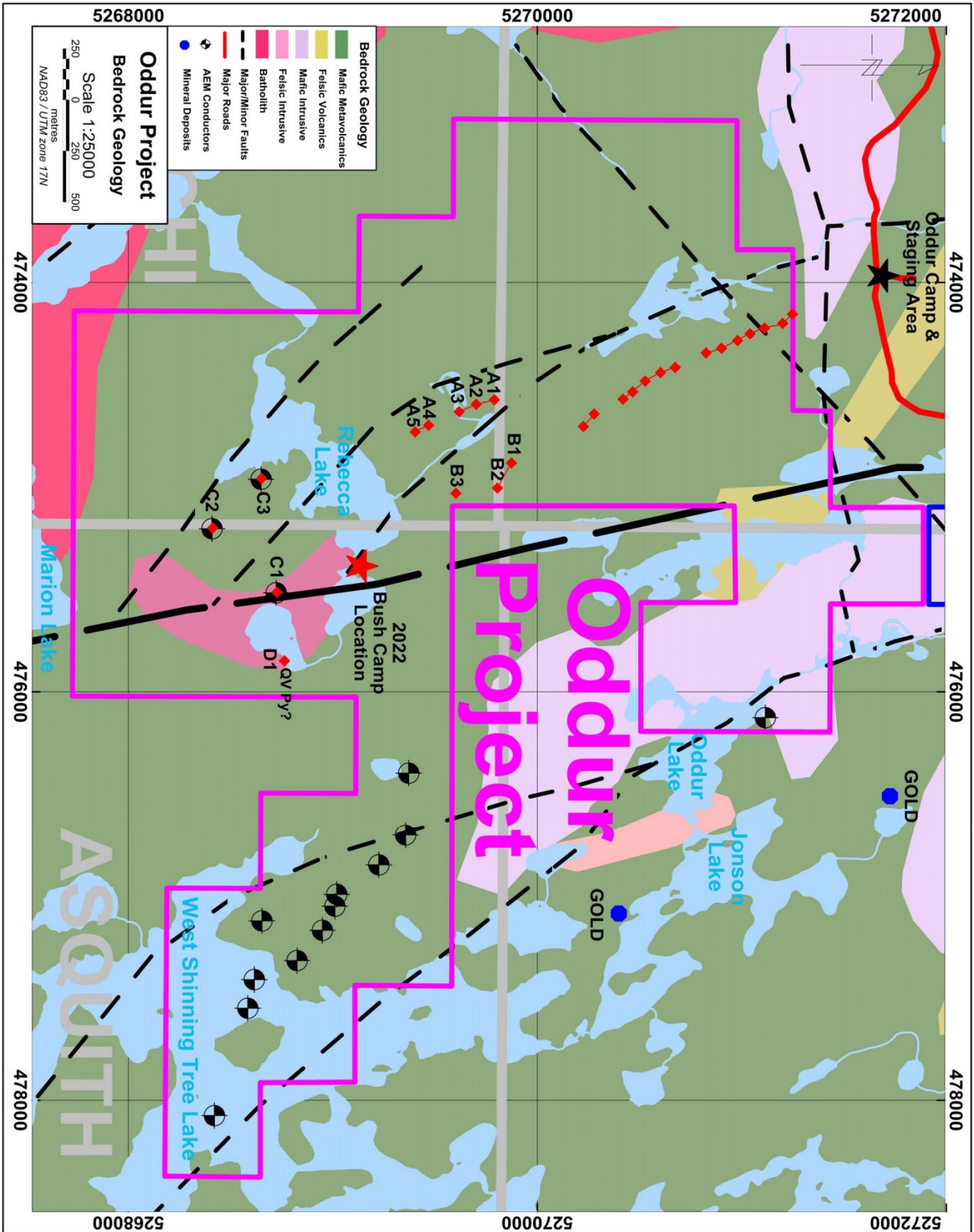
Todd Mathieu

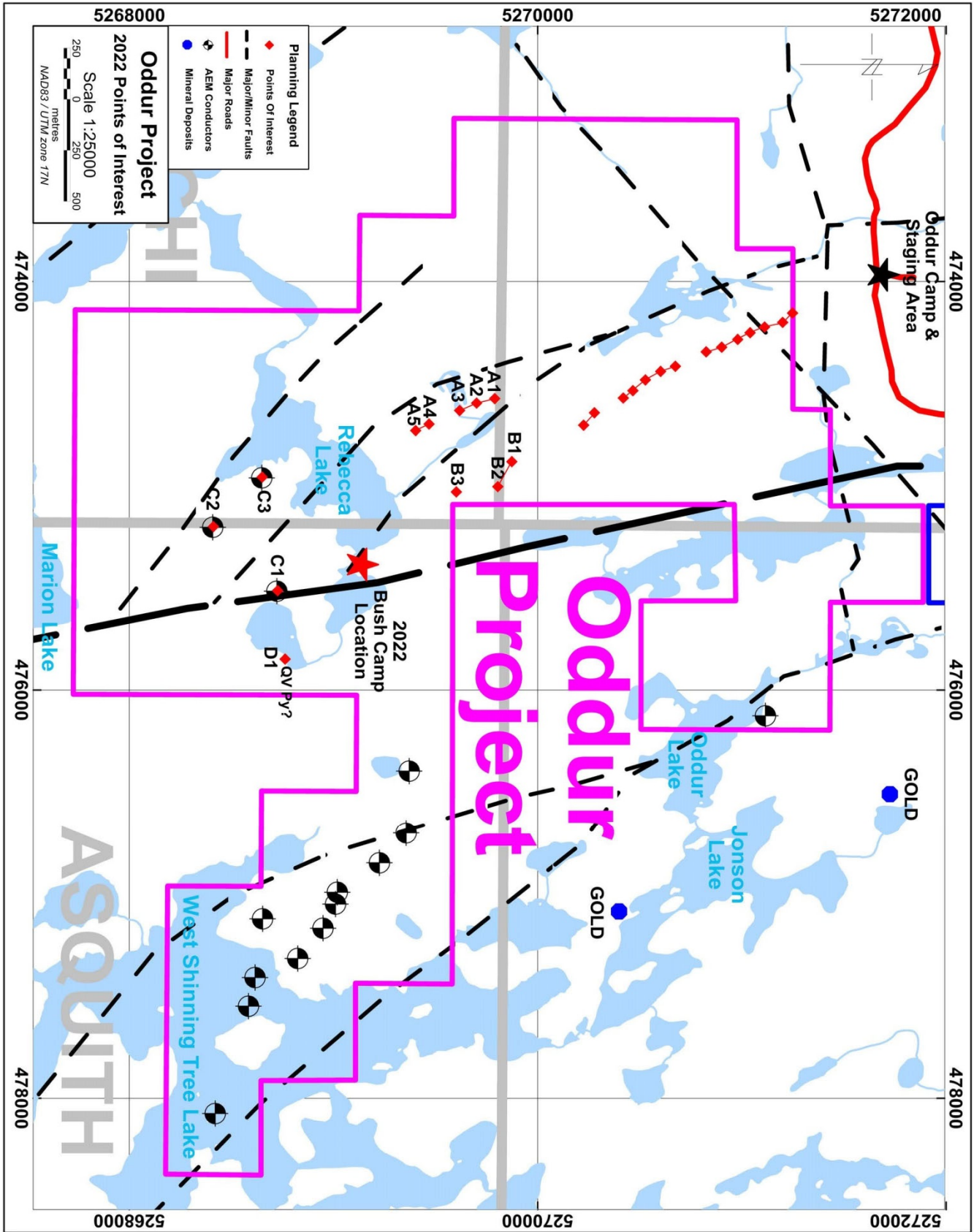
7.0 Appendix A – Property Maps



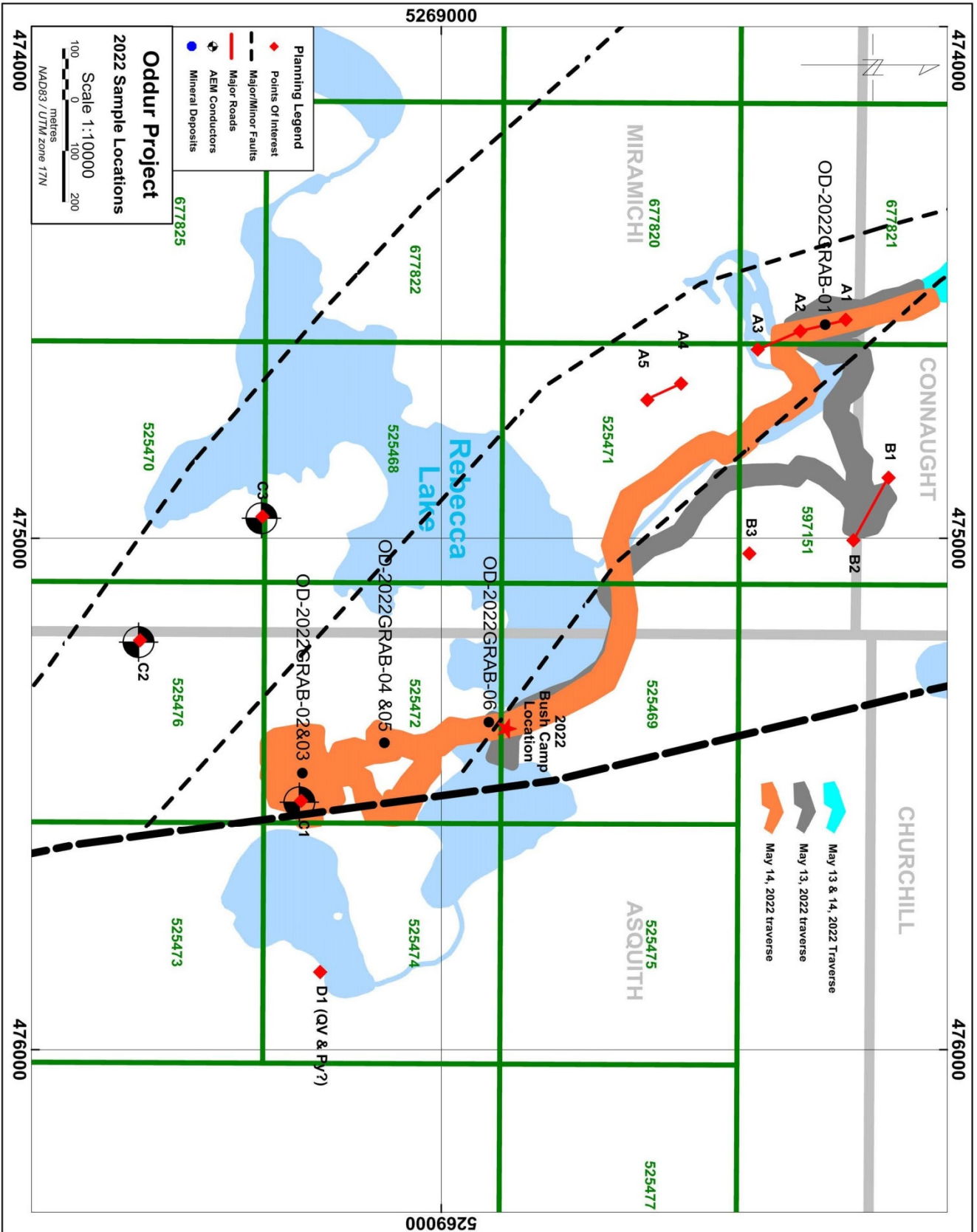
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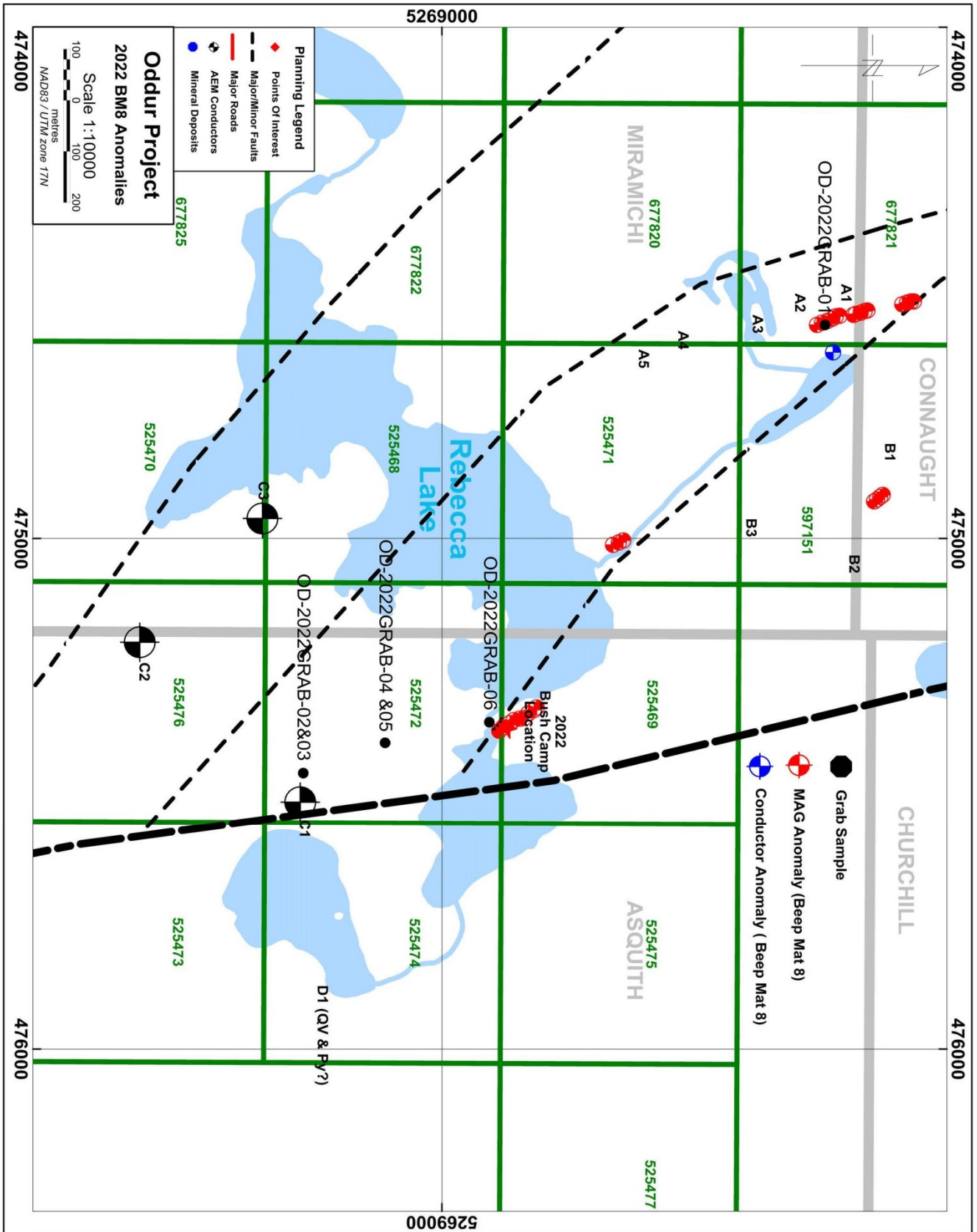




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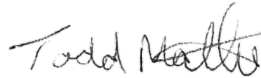


8.0 Appendix B – 2018 Daily Log

BenoMath Property – Oddur May 2022 Daily Log

BenoMath Property – Oddur Project

Performed By: Todd Mathieu



Access from South Porcupine: 2.75 hours of travel one way

May 12, 2022

I, Todd Mathieu, picked up Beep Mat 8 from the ENDM in South Porcupine branch to use for detailed prospecting and ground truthing of airborne EM anomalies located south of Rebecca Lake in Miramichi township.

Due to a forest fire that was burning on highway 560, the highway was closed, so access to the property was gained via the network of forestry roads leading from South Porcupine, down across to Pine South, and westward over to the main hydro line, and then south and east to the property. A temporary campsite was set up for the night close to Little Esther Lake.

Equipment/Supplies Mobilized: camp gear/food/water, truck, ATV, chainsaw, water pump & hoses, miscellaneous prospecting/manual trenching gear and Beep Mat 8.

6 hour day

May 13, 2022

I moved truck and gear to a location directly north of Rebecca Lake at a main T on the road labelled Oddur Camp & Staging Area on the map provided.

Prior to this prospecting, utilizing the 2007 VTEM Survey performed by Slocan Minerals, key points of interest were established to prospect on the hike to Rebecca Lake. With 3 days of food and liquids, prospecting/sampling gear, safety/camping gear, and the Beep Mat 8 I headed south from the location of the truck. Beep Mat 8 was warmed up and initialized, and was dragged behind the entire day of prospecting. Chip sampling occurred along point of interest "A". A dark mafic dyke, potentially Metachawan, with nil to trace iron sulphides was located along the eastern edge. Sample OD-2022GRAB-01 was taken from the dyke. A large pile of boulders with upwards of one percent sulphides was located, appear to be mafic, but it is unclear if the boulder is from local bedrock.

Chip sampling also occurred along point of interest "B". Appears to be part of the major mafic unit that is highlighted by elevated magnetics with sections of elevated conductance in the Slocan Minerals VTEM survey. It is believed this maybe part of the mafic dyke that heads north northwest all the way up to the northern boundary of the Oddur Property, but this is difficult to determine with the limited outcrop available. The area is a high ridge with rolling overburden, large jack pine with sections of mixed bush.

Upon reaching Rebecca Lake late 2.8km south of the truck location in the late afternoon, it is apparent that the forest fire to the southwest has gotten out of control. Heavy smoke began rolling across the lake. Water bombers could be heard completing continuous runs all afternoon and the sky had become pink. Upon taking a break around 4pm at the northern edge of Rebecca Lake to access the fire situation and plan an escape route, flames could be seen cresting the hills to the southwest.

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Northeast edge of Rebecca Lake looking southwest towards forest fire

Exhausted from the days work, overloaded with gear/food and excessive temperatures at plus 32 degrees Celsius, I decide to set up camp between the two lakes, and wired together some logs to act as a raft in case the fire managed to jump the chain of lakes to the southwest. Several safety locations were scouted along the chain of lakes with a safe access route to highway 560 to the southeast if the forest fire should continue out of control over the night. Due to the fire hazard no camp fire was used for light or to ward off animals.

A rough boma was established to keep predators away and a tarp that was meant to be used as a roof in case of precipitation was used as a blanket due to the wind chill from the two lakes and no camp fire. I continued to monitor the fire and smoke situation over the course of the night while attempting to get some sleep.



Rough boma set up as a camp. Smokey conditions across Rebecca Lake late evening.

The Beep Mat failed to pinpoint any bedrock conductors during the day, but several magnetic anomalies were located and are outlined on the maps included with the prospecting report to follow. All magnetic anomalies appeared to be related to dark mafic volcanics/intrusives with nil to trace iron sulphides. The one conductive anomaly was related to a highly oxidized iron sulphide boulder that did not appear to be from local bedrock.

15 hour day.

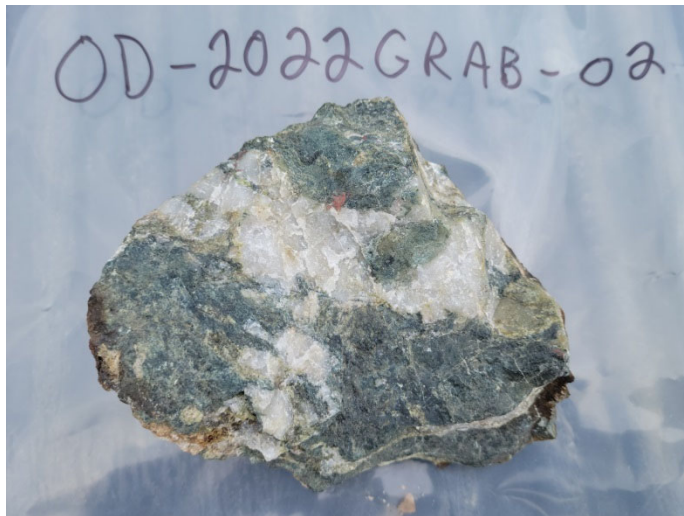
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May 14, 2022

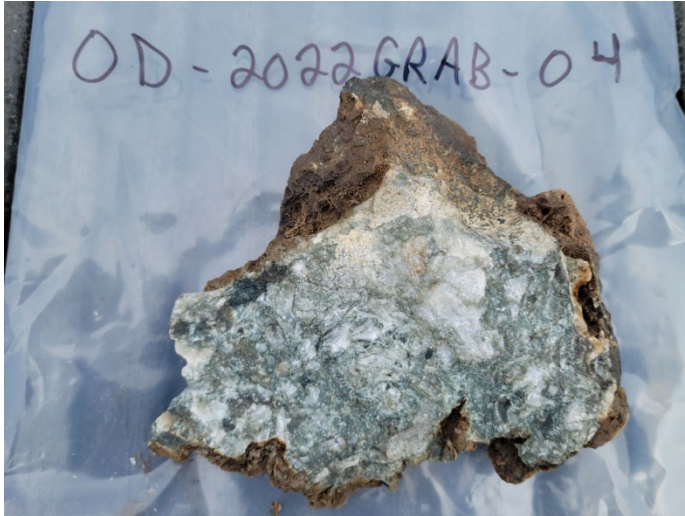
The forest fire and smoke had subsided over the course of the night. Water bombers were no longer active. I began warming up the Beep Mat 8, packed up camp, and prepared for the day. Chip sampling was completed along the lakes edge while I waited for the Beep Mat 8 to warm up. The mafic unit appears to mix with a red porphyry like grains between Rebecca Lake and the little lake to the southeast. Depending on available space, a sample maybe taken on my return through the area when heading back to the truck.

Unfortunately upon initializing the Beep Mat 8, it began giving unusual readings, unusual errors, and just kept beeping. In the hopes that the unit would begin working correctly I worked my way 0.5km to the south to the first historic AEM conductor labelled “C1”. Although I spent hours troubleshooting ideas to get the BM8 to work correctly, by noon I could see that the unit was not going to correct itself. It is odd that it was working perfectly fine before being put away the previous night, no rain over the course of the night, and bad luck that it is broken considering the effort that was put into this prospecting program and traversing this far south with three days of essentials.

Instead I focused on scraping and sampling ridges south of the C1 location. Stringer quartz with trace sulphides within the host rock were located along two separate ridges. Samples OD-2022GRAB-02 & OD-2022GRAB-04 were collected and sent for assaying. There appears to be an east/west topographic low/flat lying area between these two ridges that are separated by 173 meters. This is unusual for the Oddur and Esther Properties as the most dominant topographic structures run north northwest to south southeast. This entire area should be further prospected along with the Beep Mat 8 next field trip to test the C1 point of interest/historic AEM conductor and to better understand the geological structures, carbonated quartz, and if they in anyway relate an east/west structure or to what is historically recorded as an intrusive porphyry to the east/southeast.

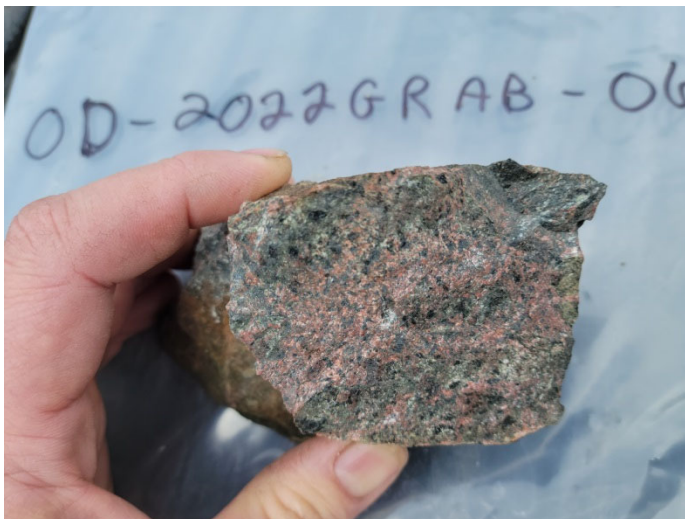


Sample OD-2022GRAB-02, irregular strings of mildly carbonated quartz in mafic host. Nil to trace sulphides in host.



Sample OD-2022GRAB-04, irregular mildly carbonated quartz in stringers/blebs

Water bombers started up again by midday. Due to the Beep Mat 8 being broken, heat exhaustion setting in from the plus thirty degree temperatures, but mostly the not knowing how bad the forest fire had gotten out of control the day before, the decision was made to hike all gear and samples back the four kilometers through aggressive terrain/higher elevation back to the truck. Along the way and in the area of the 2022 bush camp Sample OD-2022GRAB-06 was selected for assaying due to mild carbonate reacting to acid on fresh breaks and appearing to contain what maybe a mix of red porphyry.



OD-2022GRAB-06, mafic grains intermixed with red porphyry?
Locally carbonated on fresh break (reacted to acid)

Extreme heat exhaustion had set in from the excessive heat and two tough days of aggressive backpacking, and so camp was quickly set up near Little Esther Lake, and I focused on rest, rehydrating, and trying to stay cool for the night.

12 hour day.

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May 15, 2022

I finalized sample bags/notes, repacked camp and prospecting gear into truck, and mobilized all gear back to South Porcupine.

5.5 hour day.

June 2, 2022

I completed sample prep, took pictures of all three samples, completed the CoC and dropped the samples off at the AGAT prep facility near the airport in Timmins Ontario.

2.5 hour day.

9.0 ASSAY CERTIFICATES



Certificate of Analysis

AGAT WORK ORDER: 22T903817
PROJECT: Oddur

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Todd Mathieu

(200-) Sample Login Weight			
DATE SAMPLED: Jun 04, 2022	DATE RECEIVED: Jun 03, 2022	DATE REPORTED: Jun 10, 2022	SAMPLE TYPE: Rock
Analyte:	Sample Login Weight		
Unit:	kg		
RDL:	0.01		
Sample ID (AGAT ID)			
OD-2022GRAB-02 (3937906)	0.59		
OD-2022GRAB-04 (3937907)	0.66		
OD-2022GRAB-06 (3937908)	0.57		

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:





AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22T903817

PROJECT: Oddur

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Todd Mathieu

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish				
DATE SAMPLED: Jun 04, 2022	DATE RECEIVED: Jun 03, 2022	DATE REPORTED: Jun 10, 2022	SAMPLE TYPE: Rock	
	Analyte:	Au	Pd	Pt
	Unit:	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.001	0.001	0.005
OD-2022GRAB-02 (3937906)		0.011	0.002	<0.005
OD-2022GRAB-04 (3937907)		0.004	0.001	<0.005
OD-2022GRAB-06 (3937908)		0.013	0.001	<0.005

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

Certified By: