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2021 Prospecting Report

Prospecting & Manual Trenching
BenoMath Property – Esther & Oddur Projects
Connaught & Churchill Townships
Larder Lake Mining Division, Ontario

By:
Todd Mathieu
April 10, 2022

CONTENTS

1.0 INTRODUCTION

1.1 Scope of Work

This report describes the prospecting, manual trenching, sampling work completed between September 24th to April 8th, 2022 on the BenoMath Property – Esther & Oddur Projects.

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,

1.3 Current Plans & Permits

No plans or permits currently in place.

2.0 PROPERTY DESCRIPTION

2.1 Location and Access

The BenoMath Property lies 6 kilometers northwest of the town of Shinning Tree in the Larder Lake Mining Division. (Figure 1)

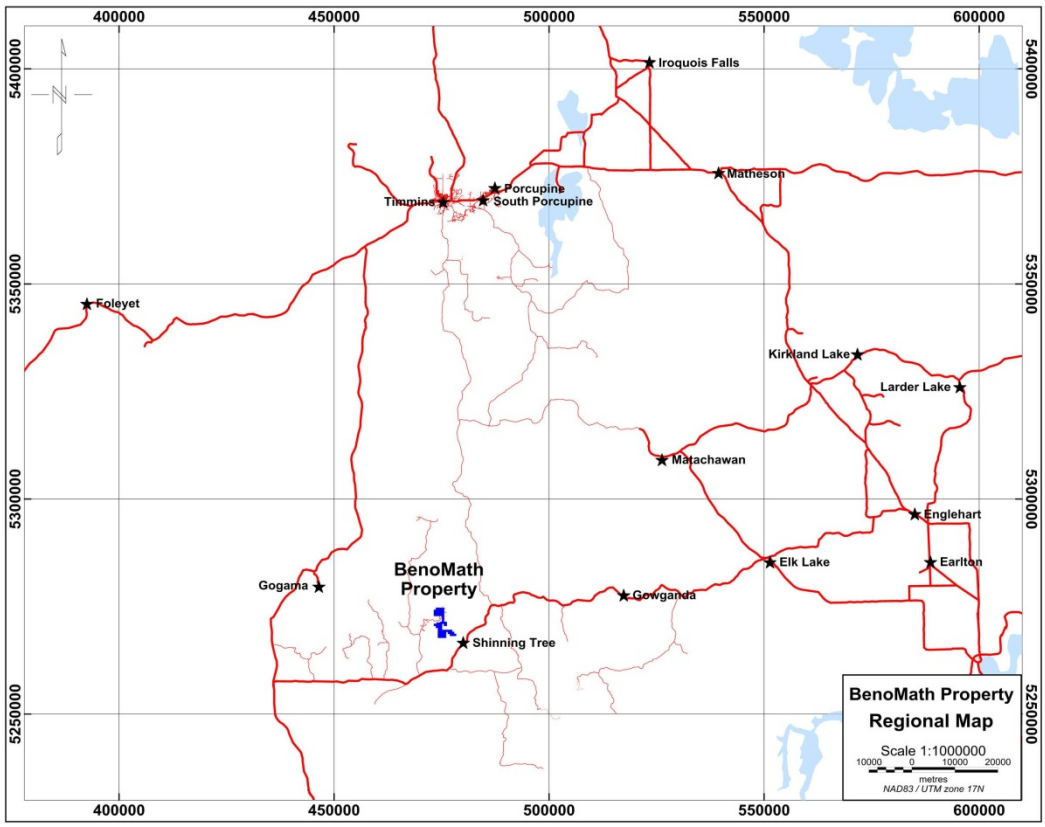


Figure 1

Ground access to the BenoMath Property – Esther 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 2)

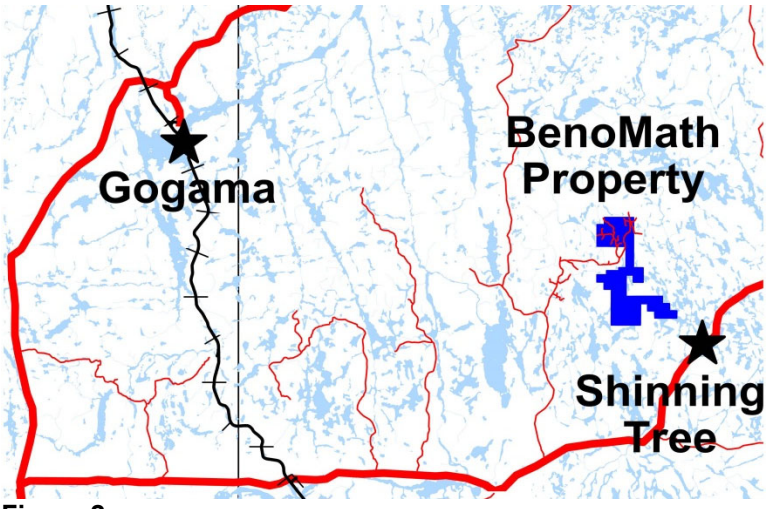


Figure 2

2.2 Property Overview

The BenoMath Property currently consists of the Esther & Oddur Projects. The Esther Project currently consists of 21 claim cells and the Oddur Project consists of 43 full or partial claim cells. (Figure 3) The BenoMath – Esther Project contains the historic Goldhurst Cu mineral showing which has been expanded with the discovery of the BenoMath veins and is the main area of focus for this program. Due to the local geology and EM conductors highlighted in earlier airborne geophysics, the property was selected for examination for VMS/Sedex, metamorphic/magmatic, and potential Au type deposits.

To the northwest, IAMGOLD is currently exploring for gold on the Elephant Head Au Project. Directly to the west southwest is Knightsbridge Exploration's North Wind Property where they are exploring for several commodities along with hosting the historic Elephant Head Cu, Au, showing. Directly to the east, Eagle Ridge Mining Ltd. is exploring the historic Pacesetter Au mineral showing.

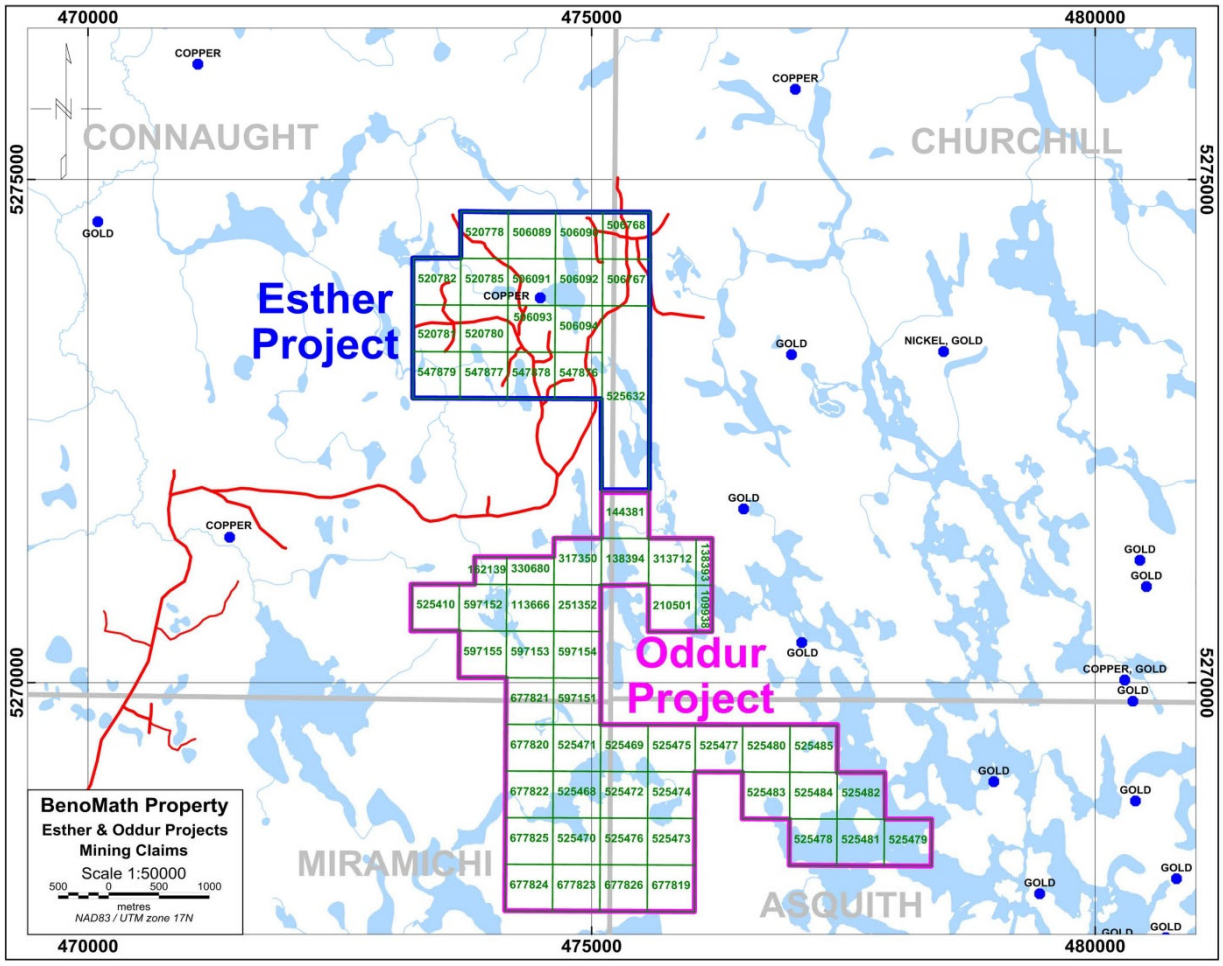


Figure 3

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" was used as a guide. Weather on the days of data collection varied from sunny to overcast with minimal precipitation. Satellite reception was adequate over most of the property and provided accuracy of 3-5 meters during the program except the last field days on October 30th and 31st 2021. It is believed the poor satellite reception was related to solar activity earlier that week.

4.0 BenoMath Property – Esther & Oddur Projects

4.1 BenoMath Property Historic Work

The BenoMath Property area has seen intermittent exploration over the last century mostly during peak commodity cycles. Portions of the properties have had several forms of airborne and ground geophysics performed but with very little physical work reported. The writer believes this is due to the limited access to the area as most historical reports indicate access was via skidoo in winter and float plane or boat by summer. Table 1 summarizes the historic work associated with both the current Esther & Oddur Projects.

BenoMath Property - Historical Work

Current Project	Year	Type	Assessment File Number	Performed For/By Company
Esther	1972-1974	Compilation & Interpretation, Geology	41P11SW0040	Goldhurst Resources Inc. & Ontario Securities Commission
Esther	1981	VLF Survey	41P11SW0039	Goldhurst Resources Inc.
Oddur	1981	Geophysical Surveys	41P11NW0406	Texas Gulf Canada Ltd.
Esther	1982	Magnetic Survey	41P11SW0037	Goldhurst Resources Inc.
Oddur	1984	AEM	41P11NW8518	Narex Ore Search Consultants
Oddur	1984	AEM	41P11NE0464	Manwa Exploration Services Ltd.
Oddur	1984	Electromagnetic & Magnetic Surveys	41P11SW0015	TGR Resources
Oddur	1984	Electromagnetic & Magnetic Surveys	41P11SW0016	TGR Resources
Esther	1990	Magnetic & VLF Surveys	41P11NW0402	Northgate Exploration Ltd.
Esther & Oddur	1991	Prospecting, Mapping, Assaying	41P11SW8445	C Suchanek
Oddur	1992	Electromagnetic & Magnetic Surveys	41P11SW8442	Strike Minerals Inc. & T&H Resources Ltd.
Oddur	1992	Diamond Drilling, Assaying	41P11SW0201	Strike Minerals Inc.
Esther	1992	Geochemical, Geological, Mapping	41P11NW0401	Northgate Exploration Ltd.
Esther	2000	Magnetic Survey, Prospecting, Assaying	41P11SW2003	J B Hinzer
Esther & Oddur	2008	AEM	20000005923	Slocan Minerals (Ashley Gold Mines Ltd & Sedex Mining Corp.)
Esther & Oddur	2008-2009	AEM, Diamond Drilling, Assaying	20000004462	Creso Rescources Inc.
Oddur	2010	Downhole Geophysics	20000004757	Cresco Resources Inc.
Esther & Oddur	2010-2011	Stripping, Mapping, Assaying	20000006516	Cresco Resources Inc. & Platinex Inc.
Oddur	2018-2019	Prospecting, Assaying	20000019168	Todd Mathieu
Esther	2018-2020	Prospecting, Assaying	20000018564	Todd Mathieu

Table 1

4.1.1 Esther Project Significant Historic Work

1974 - Prospectus by Goldhurst Resources

Property described as “A silicified zone in a fault breccia with chalcopyrite mineralization has been located on the southwest shore of Little Esther Lake in claim 342562. This zone is in evidence for thirty feet along the shore line when it is covered by the lake on both ends. The lake also obscures its width as in low water only a six foot width could be seen.

A parallel structure, also with chalcopyrite mineralization, has been located by stripping some thirty feet to the south, also in claim 342562. Three spots were opened up over a strike length of 130 feet with a width of 5 feet. The east end of the showing goes into the lake and the west end is hidden by swamp and heavy overburden.

Both zones appear to be more heavily mineralized to the west and an assay of 2.34% copper in a representative grab sample has been obtained.”

1980 – OGS Report 190 – Geology of Connaught and Churchill Township

Senior mapping assistant commented: “The deposit consisted of chalcopyrite and bornite in quartz-carbonate veins in fragmental andesite. This is probably the more southerly showing referred to above in the company report.”

1981 – VLF Survey/Report by Goldhurst Resources.

“Conclusion: The east-west trending fault-breccia zone has been traced for an extent of at least 3800 feet. Mineralized concentrations bearing gold and copper values have been found to be associated with or in close proximity to sections of this zone thus several diamond drill targets have been located.”

1982 – Magnetic Survey/Report by Goldhurst Resources.

2008 – VTEM survey performed by Geotech LTD for Slocan Minerals Corp.

Based on historic work compiled for the Esther Project, it is believed that no diamond drilling has been completed to test the known VLF anomalies or the surface mineralization at the Goldhurst Cu Showing. Although there is mention of sampling results indicating significant copper and gold values, it does not appear as though certificates of analysis have been provided for the historic sampling.

4.1.2 Oddur Project Significant Historic Work

2008 VTEM Survey - performed by Geotech LTD - for Slocan Minerals Corp.

2018 BenoMath Property, Oddur Project, 2018 Prospecting Report, Todd Mathieu

Based on the historic work compiled, it is believed that no diamond drilling has been completed to test the AEM anomaly located within Oddur Lake or the three AEM anomalies southeast of Rebecca Lake. Limited prospecting, sampling, and drilling has been completed along the west northwest edge of West Shinning Tree Lake, but due to the complicated geology and multiple conductors, additional detailed work is required to verify the cause of all historic AEM conductors.

4.2 Geology

Historically the area has seen intermittent mapping with limited information and sampling provided for the area due to poor access and limited physical work programs. For this reason, the writer believes that the historic geological mapping is loosely based and is only provided as a basic reference.

Currently on regional maps the BenoMath Property is interpreted to be part of the Pacaud formation, consisting mostly of mafic volcanics, and potential rhyolite felsic volcanics. Intrusive units tend to consist of northwest trending mafic diabase dykes most likely part of the Matachawan swarm, and several large Nipissing diabase/gabbro bodies within and surrounding the property. Of note, on the south portion of the Oddur project in the location of 3 historic AEM anomalies, there is an felsic intrusive syenite body that should be further evaluated.

There is a significant amount of major and minor faulting in the area. The Elephant Head Lake Fault to the west of the property and the Esther Lake Fault are both prominent major north/south faults. Additional minor faults have been interpreted regionally and locally by the writer striking northeast/southwest, north to northwest/south to southeast, and east/west and continue to be a major focus of the BenoMath programs.

Based off the layers provided as part of the “Ontario Geological Survey 2011, 1:250 000 scale bedrock geology of Ontario – MRD126-REV1”, Figure 4 illustrates the location of the Esther & Oddur Projects and the regional Precambrian bedrock geology for the area.

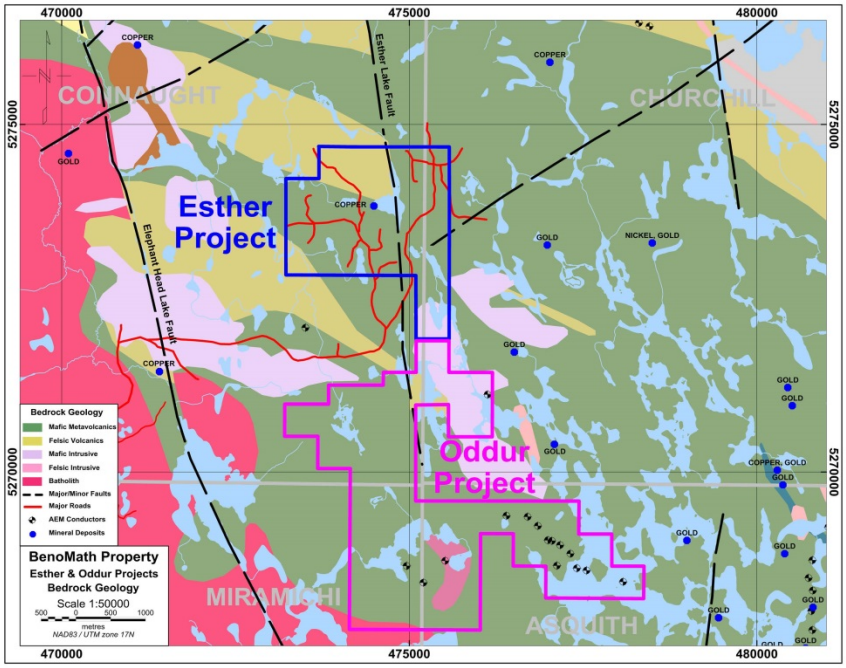


Figure 4

4.3 Prospecting, Manual Trenching, and Sampling

A majority of the 2021 fall program was focused around Little Esther Lake and surrounding the area associated with the Goldhurst & BenoMath copper showings. (Figure 5) Manual trenching has been completed along strike of the BenoMath main 0.5m wide quartz carbonate/calcite vein in an attempt to extend the mineralization and with the hopes it would provide adequate competent rock for channel sampling.

Channel sampling was planned as part of the fall work, but due to the area being heavily faulted, sheared/fractured, weathered, the quality of the available cuts would not have been sufficient to correctly quantify mineralized envelopes of the veins along with their hanging/footwall contacts. In addition due to the loose fractured bedrock, it was deemed unsafe. Additional manual trenching will be required.

As the geology is much more complicated with faulting and fracturing in east/west, northwest/southeast, and north/south, it is clear by the current manual trenching that the mineralization has utilized these weaknesses as direct conduits for fluid flow and that mineralization could be focus in any of these three directions. For this reason, the manual trenching continues to be the best solution for selectively examining key structures while all along minimizing any ill effects on the environment.

The goal is to determine which key structures may have provided the main conduit for this mineralization and if there is a key rock unit that may provide more of a porphyry type deposit of mineralization vs the more focused high grade quartz calcite vein system currently observed based on the Goldhurst/BenoMath vein systems.

Grab samples from the 2021 program were sent to AGAT Laboratories in November of 2021. Original results were received in January of 2022, but upon detailed analysis it was determined that the results were potentially inaccurate for samples ES-2021GRAB-10 and ES-2021GRAB-11. A similar issue was experienced with samples sent out for the Owaissa Project where a high grade channel sample was mistakenly double analysed by the lab vs the material provided. Through re assaying of pulp material and labelled on the certificates as "2nd Cut" the issue has been resolved and the analytical results being presented are now believed to properly represent the material sent for assaying. Table 2 depicts the location and description of the samples taken for review and potential assaying, and Table 3 depicts a brief summary of analytical results for any major economic metals received from the lab.

Esther 2021 Grab Samples - Locations & Descriptions

Sample ID	Easting (NAD83)	Northing (NAD83)	Sample Location Description	Sample Description
ES-2021GRAB-01	474487	5273848	Lake edge northeast of Goldhurst #1	blue mafic, fine grained with carbonated/calcite quartz vein? /alteration striking 350 degrees. Trace sulphides
ES-2021GRAB-02	474470	5273830	Goldhurst zone #2	50% carbonated calcite 5cm quartz vein strikine 300 degrees, hosted in greyish mafic host rock. Clasts of green mafic within vein, blebs of Cpy tarnishing to copper color when exposed to air. Sample is heavy for its size.
ES-2021GRAB-03	474471	5273826	Goldhurst zone #2	Grey mafic with 30% carbonated quartz calcite, with tiny blebs of Cpy in quartz and tiny specs of sulphides in host, trace sulphides
ES-2021GRAB-04	474459	5273818	BenoMath main vein - new east trench	Carbonated calcite quartz, from 40-50cm vein, disseminated to locally blebby/chunks of Cpy, 1-3% sulphides
ES-2021GRAB-05	474402	5273814	BenoMath main vein - 2019 trench west	From 40-50cm quartz calcite vein, visible Cpy, malachite staining, 1-3% mineralized
ES-2021GRAB-06	474402	5273813.5	Footwall of sample ES-2021GRAB-05	Dark grey mafic, fine grained, slight quartz carbontate, blebs of Cpy, trace sulphides
ES-2021GRAB-07	475331	5273995	West side of Esther Property along new forestry road.	mafic, large grained, oxidized, feels a bit heavier then normal, doesn't appear to be volcanic.
ES-2021GRAB-08	474459	5273817.5	Footwall of sample ES-2021GRAB-04	mafic, medium grained, sheared, no visible sulphides
ES-2021GRAB-09	473568	5273591	Magnetic dyke, strikes northwest, passes through middle of Esther Property, magnetic and conductive in 2008 VTEM survey.	mafic, mediume grained, dark, diabase? Blebs of sulphides (weather to brassy color), trace sulphides
ES-2021GRAB-10	474569	5273944	From within the rhyolite unit on north side of lake	From within a possible rhyolite unit, felsic, fine grained, beige to white, heavily silicified, iron staining/oxidizing on outside surfaces, seems of very fine grained grey sulphides. Unable to distinguish type or quantity of sulphides with lense as it is contained withina grey very fine grained sediment like. Possibly hydrotermaly deposited?
ES-2021GRAB-11	474580	5273946	North side of lake, within the lake due to low water levels, south of rhyolite contact	Grey mafic, fine to medium grained, local carb alt, very fine disseminated sulphides. Trace sulphides.
ES-2021GRAB-12	474533	5273923	Rhyolite from northwest side of lake, loose from lake	Felsic, fine grained, light beige, no sulphides, lose piece of inside lake.
ES-2021GRAB-13	474519	5273781	From pile of large boulders on south shore of lake, east of main showings.	Grey mafic, fine grained, heavily carbonated, local rich mineralized with chalcopyrite and malchite staining, and disseminated Cpy throughout. 10-15% sulphides.
ES-2021GRAB-14	474950	5273447	Southeast of Esther Lake along new forestry road.	mafic, host is locally carbonated, large quarter inch seams of Py, approx 15% sulphides, oxidize seams
OD-2021GRAB-01	476176	5271046	Along east side of Oddur Lake	grey to light grey mafic, fine grained, from shear zone, blebby sulphides, 1-3% sulphides,
OD-2021GRAB-02	476167	5271064	Along east side of Oddur Lake	grey mafic, fine grained, from shear zone, dissemintaed fine Py throughout, 1-3% sulphides
OD-2021GRAB-03	476119	5271114	Boulder from lake within 5m of EM anomaly	Grey mafic, fine grained, seams of Py, cubic Py as large as 7mm, approx. 5-7% sulphides

Table 2

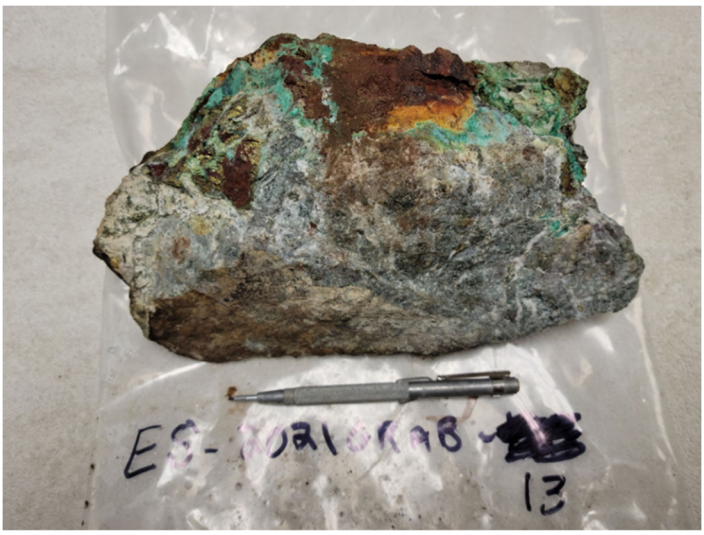
Esther 2021 Grab Samples - Lab Results

	Analyte:	Au	Pd	Pt	Ag	Co	Cu	Cu	Ni	Pb	Zn
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample Description	**RDL:**	**0.001**	**0.001**	**0.005**	**0.2**	**0.5**	**0.5**	**0.00005**	**0.5**	**0.5**	**0.5**
ES-2021GRAB-01		0.486	0.011	0.017	<0.2	25.6	7550	0.76	67.3	13	28.5
ES-2021GRAB-02		0.031	<0.001	<0.005	0.7	17.8	11900	1.19	21	20.3	25.5
ES-2021GRAB-04		0.007	<0.001	<0.005	0.5	1	14100	1.41	<0.5	18.8	1.5
ES-2021GRAB-05		0.01	<0.001	<0.005	0.6	2.9	8850	0.89	9.2	17.8	6.4
ES-2021GRAB-06		0.005	<0.001	<0.005	<0.2	39.1	4070	0.41	131	6.9	69.9
ES-2021GRAB-07		<0.001	<0.001	<0.005	<0.2	33.1	92.1	-	27.1	6.8	105
ES-2021GRAB-08		0.018	<0.001	<0.005	<0.2	30	113	-	57.1	1.8	91.7
ES-2021GRAB-09		0.004	<0.001	<0.005	<0.2	28	79.5	-	25	7.7	99.7
ES-2021GRAB-10		0.132	<0.001	<0.005	0.4	23	37.2	-	10.2	28.7	1.5
ES-2021GRAB-11		0.006	0.001	<0.005	<0.2	20.2	34	-	41	3.8	24.8
ES-2021GRAB-13		0.032	0.002	<0.005	2.3	5.6	26500	2.65	8.6	42.3	5.4
ES-2021GRAB-14		0.009	0.014	0.009	<0.2	33.5	245	-	53	6.9	105
OD-2021GRAB-01		0.005	<0.001	<0.005	<0.2	8.7	30.2	-	13.6	5.9	47.2
OD-2021GRAB-02		0.055	<0.001	<0.005	<0.2	38.3	163	-	56.8	15.7	158
OD-2021GRAB-03		0.019	<0.001	<0.005	0.4	35.2	269	-	58.9	71	475

Table 3

As anticipated, samples taken directly from the quartz calcite Goldhurst/BenoMath veins, ES-2021GRAB-01, 02, 04, 05, 06(footwall) demonstrate elevated copper values with minor anomalous silver values.

Sample ES-2021GRAB-13 was taken from what may or may not be a float/pile of boulders southeast of the main Goldhurst/BenoMath Cu showings. Additional trenching is required to determine if this is from bedrock or if it is a possible float that has broken down into several smaller mineralized boulders. The host rock is similar to some of the mineralization seen to date but is more mineralized and closer to the bedrock sampled along the north side of Little Esther Lake.



Immediately north northeast of sample ES-2021GRAB-13 quartz veinlets striking north/south were noted along the waters edge. The potential for ES-2021GRAB-13 to be bedrock or from a source directly north has provided encouraging results for the project that a significant larger source of copper maybe present on the property.

Anomalous gold values were also noted more specifically in ES-2021GRAB-01 and ES-2021GRAB-10. Both of these samples were taken directly along the shoreline and closer to the Goldhurst historic northwest/southeast VLF anomaly (potential main fault system). Of note, ES-2021GRAB-10 was taken from a felsic unit, possible rhyolite that is silicified and had seams/vein like masses of very fine grey sediment like material with very fine sulphides.

For these reasons, during summer when water is warm and water levels are low, detailed prospecting and mapping of the shoreline bedrock and boulders should take place to further evaluate the potential for Au mineralization within the main structures that fed the Goldhurst/BenoMath vein system, plus detail mapping of all carbonate veins/units associated with the Goldhurst/BenoMath vein system.

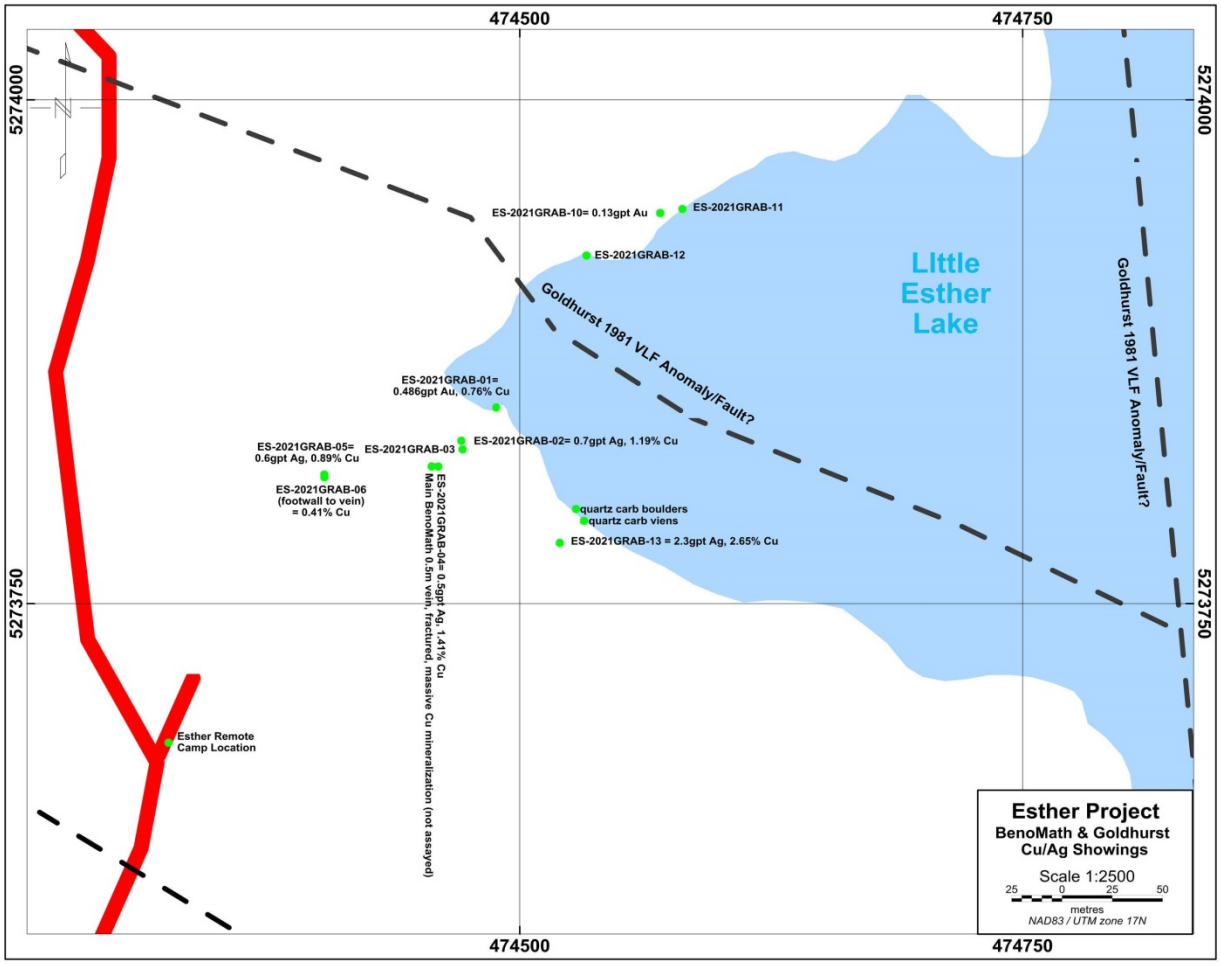


Figure 5 – BenoMath & Goldhurst 2021 grab sample locations

Figure 6 represents a brief compilation of sampling work completed between 2018 and 2021. Additional manual trenching is required to fully expose all important structures and mineralization with detailed mapping to be provided within the next round of reporting expected in early 2023.

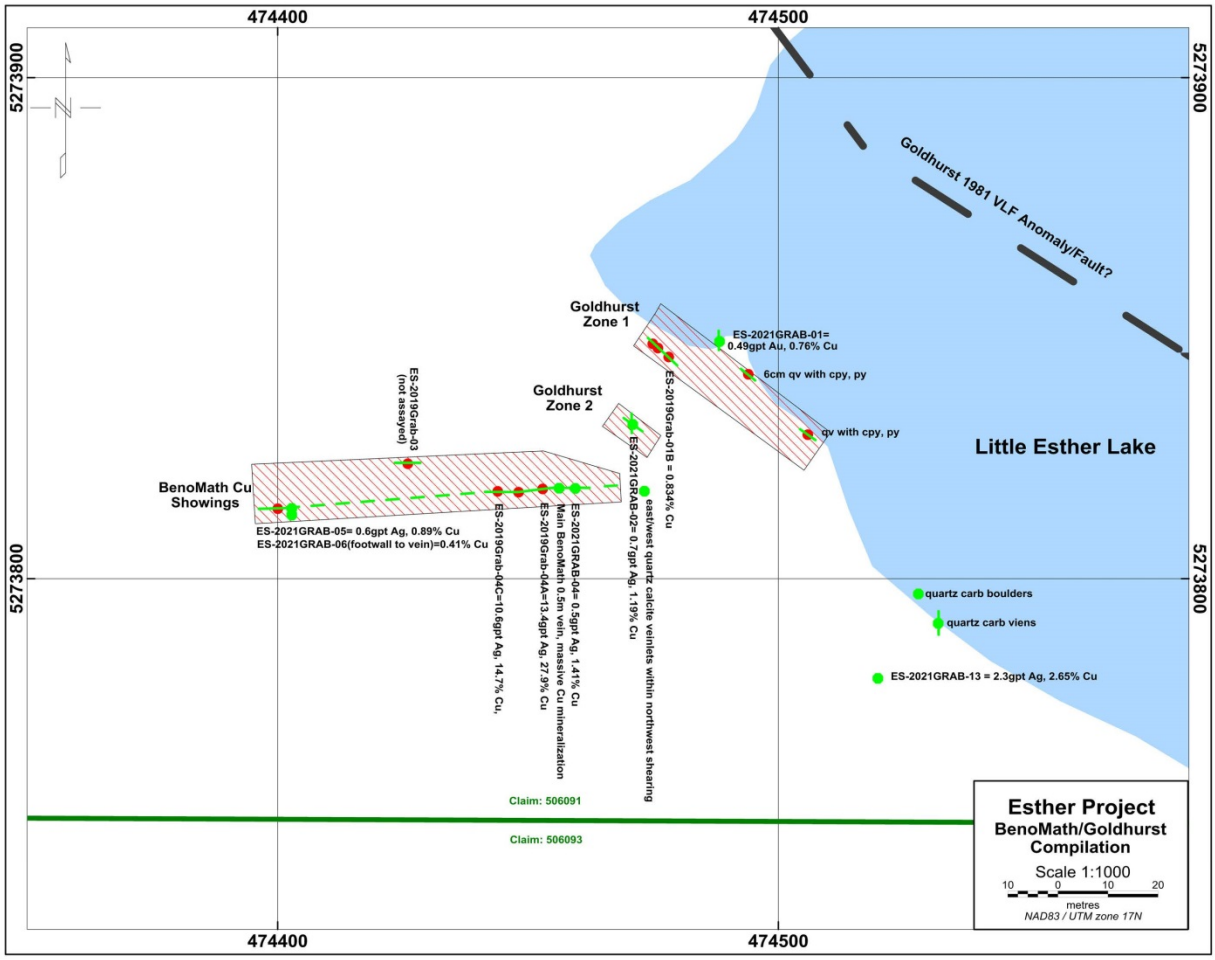


Figure 6 – BenoMath & Goldhurst Cu – Compilation of sampling 2019-2021

Additional Esther Project prospecting and sampling took place west and southeast of the main Goldhurst/BenoMath Cu showings to further examine geophysical responses from the 2008 VTEM survey over the project area.

As the locations for the 2021 prospecting and sampling program are located across large sections of the properties Figure 7 represents a summary of the sample locations as a whole and Figure 8 represents the daily traverses. As most of the prospecting, sampling, and manual trenching was focused on the Goldhurst/BenoMath Cu showing location, there were limited prospecting traverses completed this round of work.
Figure 9 represents a zoomed in version for further detail of 2021 traverses.

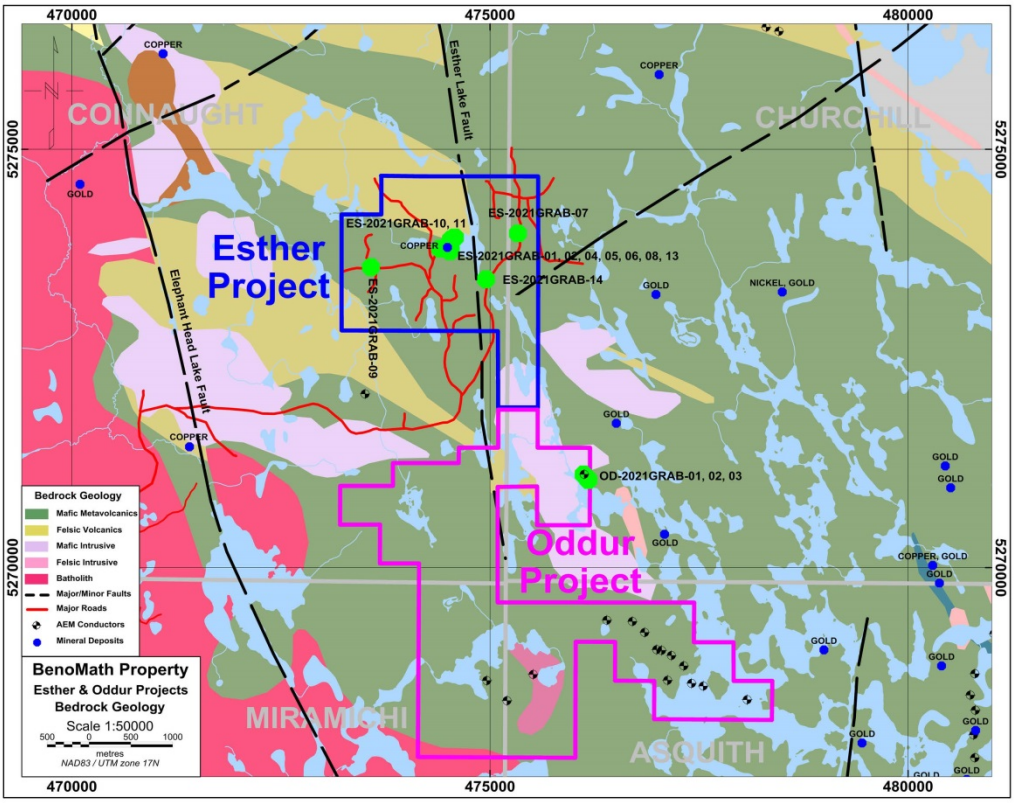


Figure 7 – 2021 Sample Locations

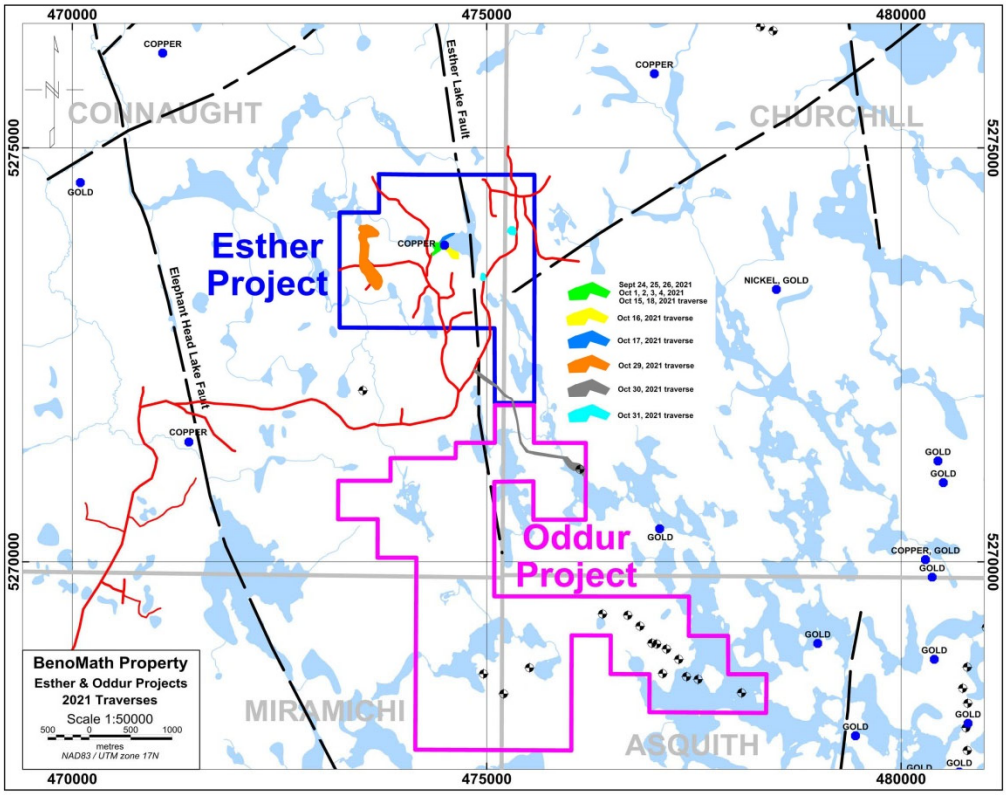


Figure 8 – 2021 traverses during prospecting

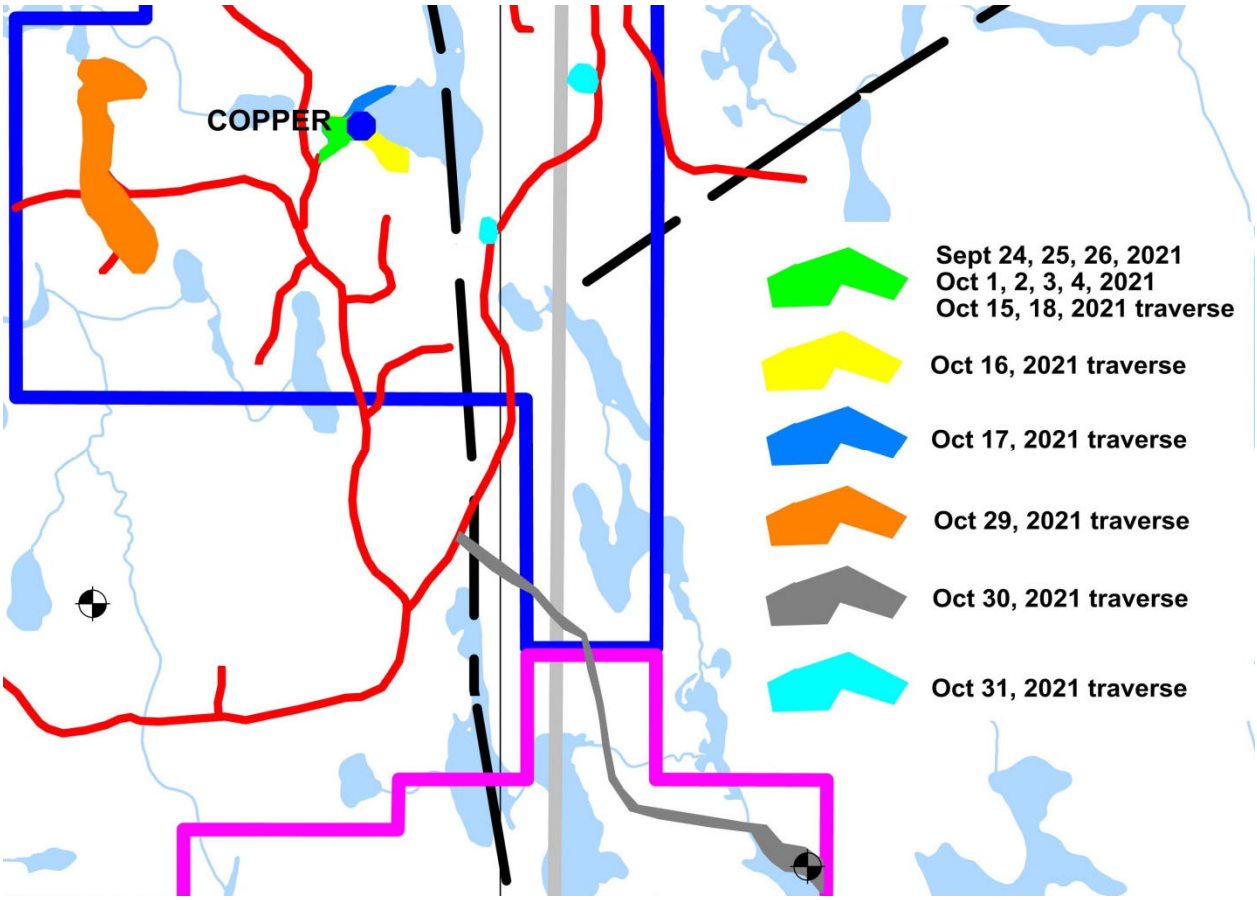


Figure 9 – 2021 traverses during prospecting - zoomed

West of the Goldhurst/BenoMath Cu showings a linear, magnetic, conductive signature was noted in the 2008 VTEM survey and prospected as part of the 2021 work. This appears to be a dark grey mafic unit, appears to be a diabase dyke with disseminated iron sulphide mineralization, possibly Po, and magnetite throughout the entire unit. Sample ES-2021GRAB-09 best represented the chip sampling completed along the dyke and presented no significant anomalous values.

East of Little Esther Lake an increase in conductivity and a non-linear magnetic signature presented itself in the 2008 VTEM survey. Sample ES-2021GRAB-07, although it had no visible sulphides, presented a higher SG (heavier), oxidized, and was sent out for analysis. Although it did not provide any significant values for precious or base metals, it is of interest that the K, and P values were anomalous. As fertilizer prices are on the rise, and that this geophysical signature is a more broad target consistent with a large bulk tonnage potential, it is suggested that follow up prospecting and analysis take place, with proper analysis for industrial material/metals, including REE.

Along the newly created forestry road southeast of Little Esther Lake, a couple quartz veinlets were noted along with some oxidization. Upon quick review some massive vein/contact filling of what appeared to be remobilized oxidized Py was noted and sent for analysis. Analysis of ES-2021GRAB-14 did not provide any significant values.

South southeast of the Goldhurst/BenoMath showing, on the Oddur Project, one day of prospecting and sampling took place along the northeast shore of Oddur Lake. Goal was to locate the possible reason for the 2008 VTEM conductor and historic AEM conductor under Oddur Lake. East/west shear zones with fine disseminated Py, and boulders of fine to large cubic pyrite were noted along the shoreline and analysed, but with no significant results received. As the conductor appears to run north/south, and the shearing is in an east/west direction, it is difficult to ascertain if the mineralization sampled best represents the main conductor. Additional prospecting with the assistance of a Beep Mat, should take place when time warrants. As the target is 2km from the nearest new forestry road, this will continue to be a difficult target to focus detailed prospecting towards.

5.0 Conclusion

The program was successful in extending the main 0.5 meter wide BenoMath vein both east and west of the 2019 discovery and further exposing key contacts/faults present at the showing. Analysis of the Goldhurst and BenoMath veins, breccia, footwall/hanging wall continue to demonstrate significant values of copper with anomalous Ag. Slightly elevated Au values were seen in 2 of the samples, but we have yet to determine where Goldhurst located their historic Au values, and or why as part of the OGS Lake Sediment Program that elevated Au values were seen in Little Esther Lake and the little lake directly west.

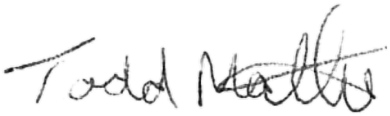
Analysis of sample ES-2021GRAB-07 demonstrated elevated values of K, and P and is believed to be associated with a larger geophysical response. Additional prospecting and sampling should be completed to verify the potential for a low grade large scale deposit of industrial materials/metals including REE.

The planned 2022 Esther program will continue to expand on the detailed work completed over 2018 to 2021 towards building a more complete model of the known mineralization and associated geological units. Once further information is collected, next step would be to establish a detailed 25 meter grid(s) across the showing, possibly at multiple azimuths, for detailed mapping and geophysical surveys. As the east/west, northwest/southeast, north/south striking mineralization/veins, and the proximity to Esther Lake complicates the ability to perform most standard geophysical surveys and provides questionable azimuth for future drilling, Mise A Le Masse with a mud pack on the main BenoMath vein (most massive sulphides/mineralization) and

maybe one or both of the Goldhurst veins/breccias maybe the best way to determine the main structure/focus of the mineralization. Key target for 2022 is to expose enough bedrock, contacts, faults, and any other prominent features and to create a detailed map of these structures to guide future geophysical and diamond drilling programs.

The writer has been in contact with the Kirkland Lake Resident Geologist who has voice interest in a field visit in 2022 once the Covid restrictions and seasonal weather allow safe access to the property. This will hopefully take place in early summer 2022 as to utilize this visit/professional interpretation for anything that the writer may be over looking and further guide the 2022 program.

Additional prospecting and sampling is also planned for the Oddur Project, but due to the main targets being 2-4km from the nearest road, they will be of secondary focus to the 2022 field season.



Todd Mathieu

6.0 STATEMENT OF QUALIFICATIONS

I, Todd Mathieu, do hereby certify that:

1. I reside at 216 Tisdale Street, South Porcupine, Ontario, Canada, P0N 1H0.

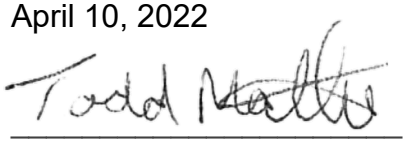
2. I am a graduate of the Computer Programmer/Analyst Program at Canadore College, North Bay, Ontario.

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 successfully completed courses on advanced 3D orebody modeling within the Datamine Studio 3 software package and advanced GIS using the Oasis Montaj software package.

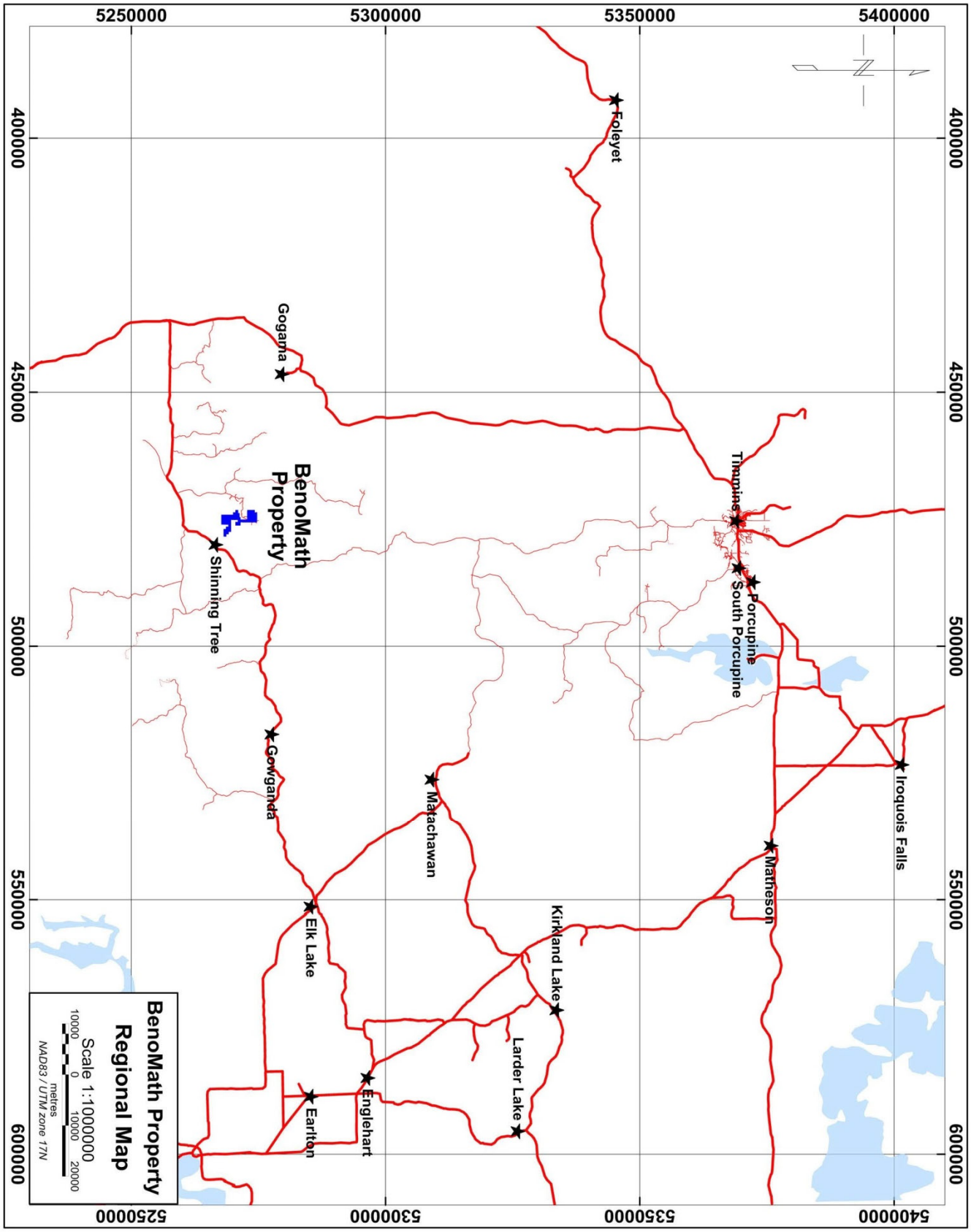
5. I have completed the Mining Act Awareness Program (verification number: BE8C-9100-C9D2-3E6E) and I am familiar with the mining act regulations, policies and procedures.

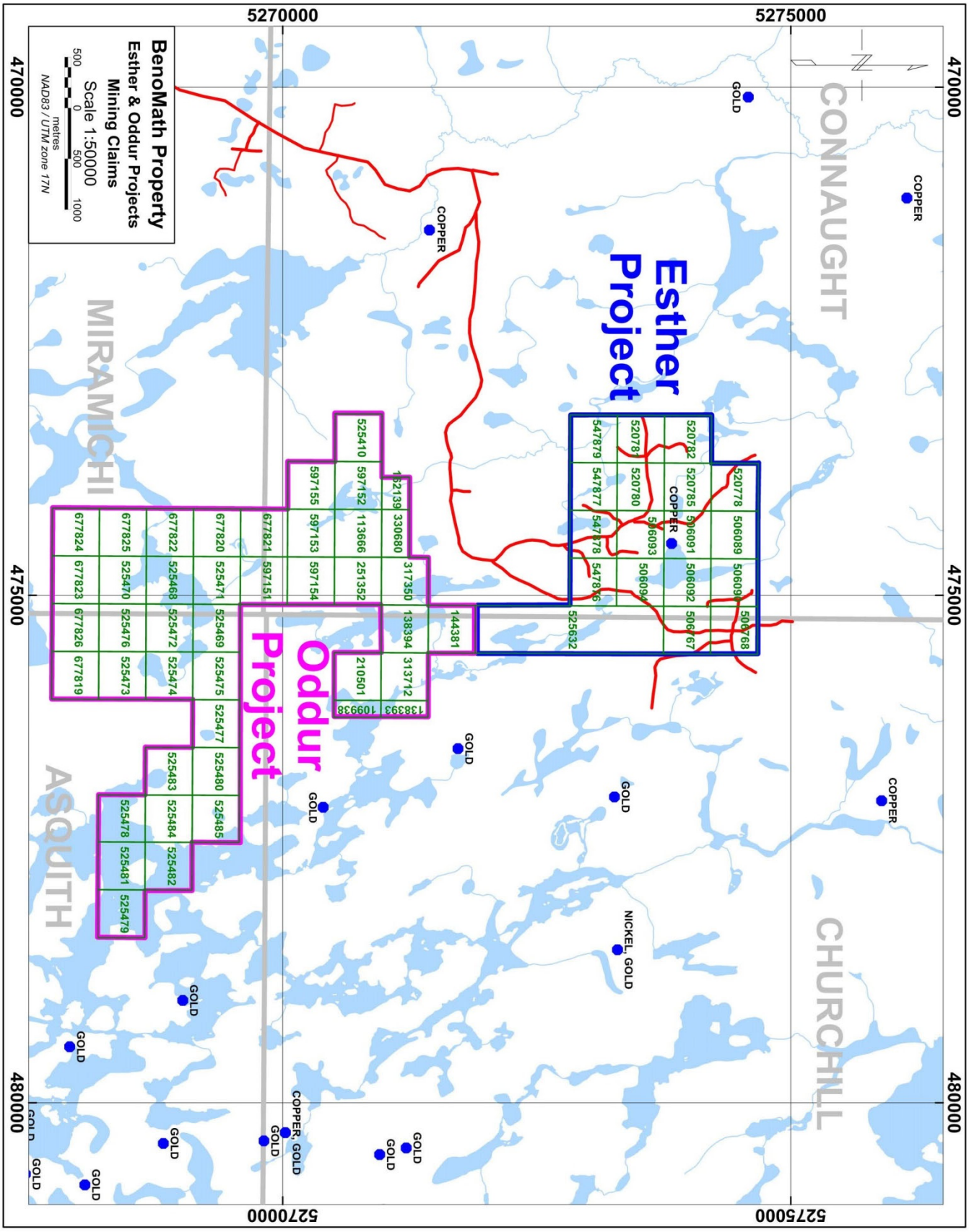
April 10, 2022



Todd Mathieu

7.0 Appendix A – Property Maps




BenoMath Property
Esther & Oddur Projects
Mining Claims
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metres
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Esther Project
Oddur Project
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MIRAMICHI
ASQUITH
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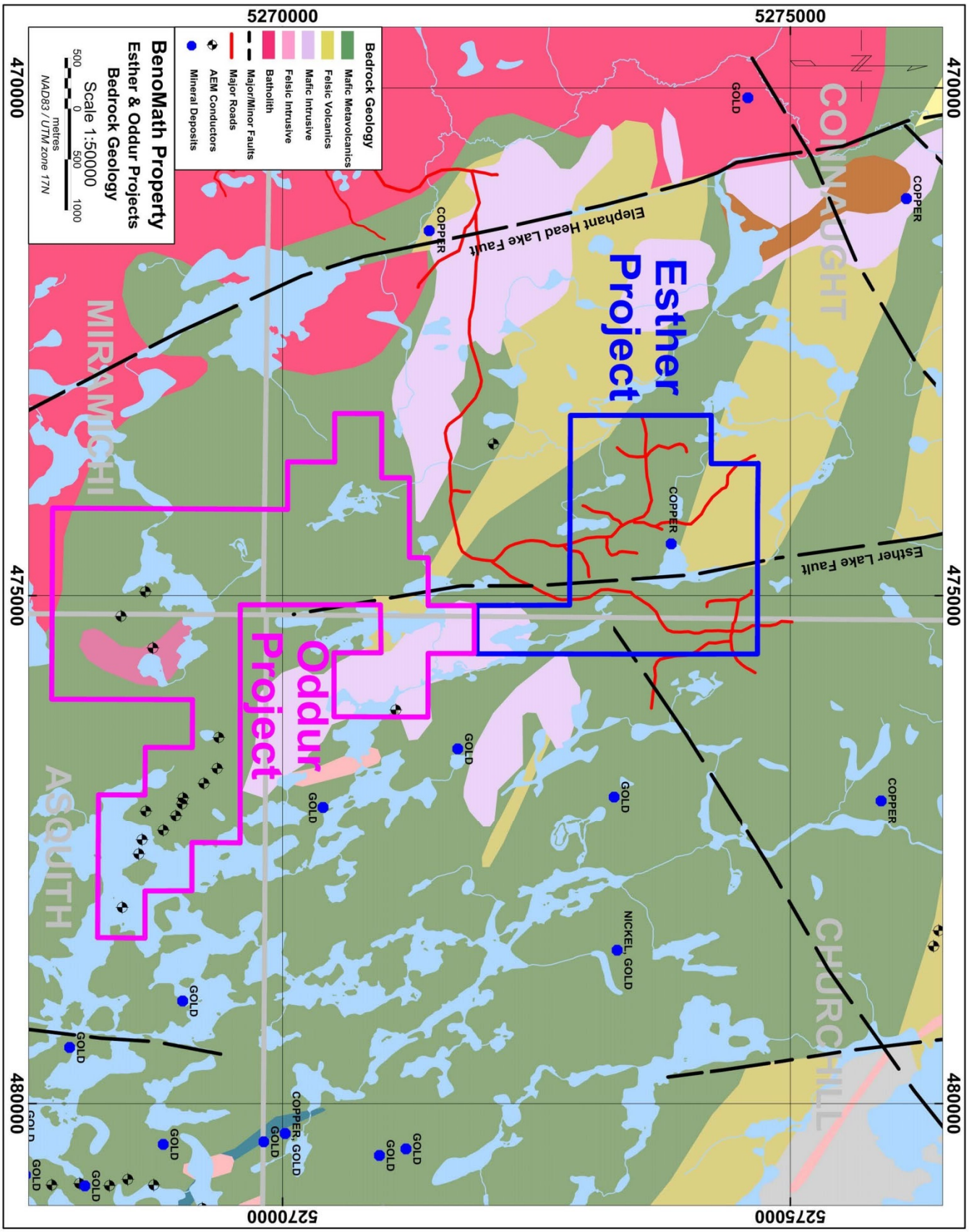
475000
480000
GOLD
COPPER
NICKEL, GOLD
COPPER, GOLD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Esther & Oddur Projects
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Felsic Volcanics
Mafic Intrusive
Felsic Intrusive
Batholith
Major/Minor Faults
Major Roads
AEM Conductors
Mineral Deposits
Esther Project
Oddur Project
Elephant Head Lake Fault
Esther Lake Fault
COMINAUGHT
MIRAMICHI
ASQUITH
CHURCHILL
GOLD
COPPER
NICKEL, GOLD
COPPER, GOLD
5270000
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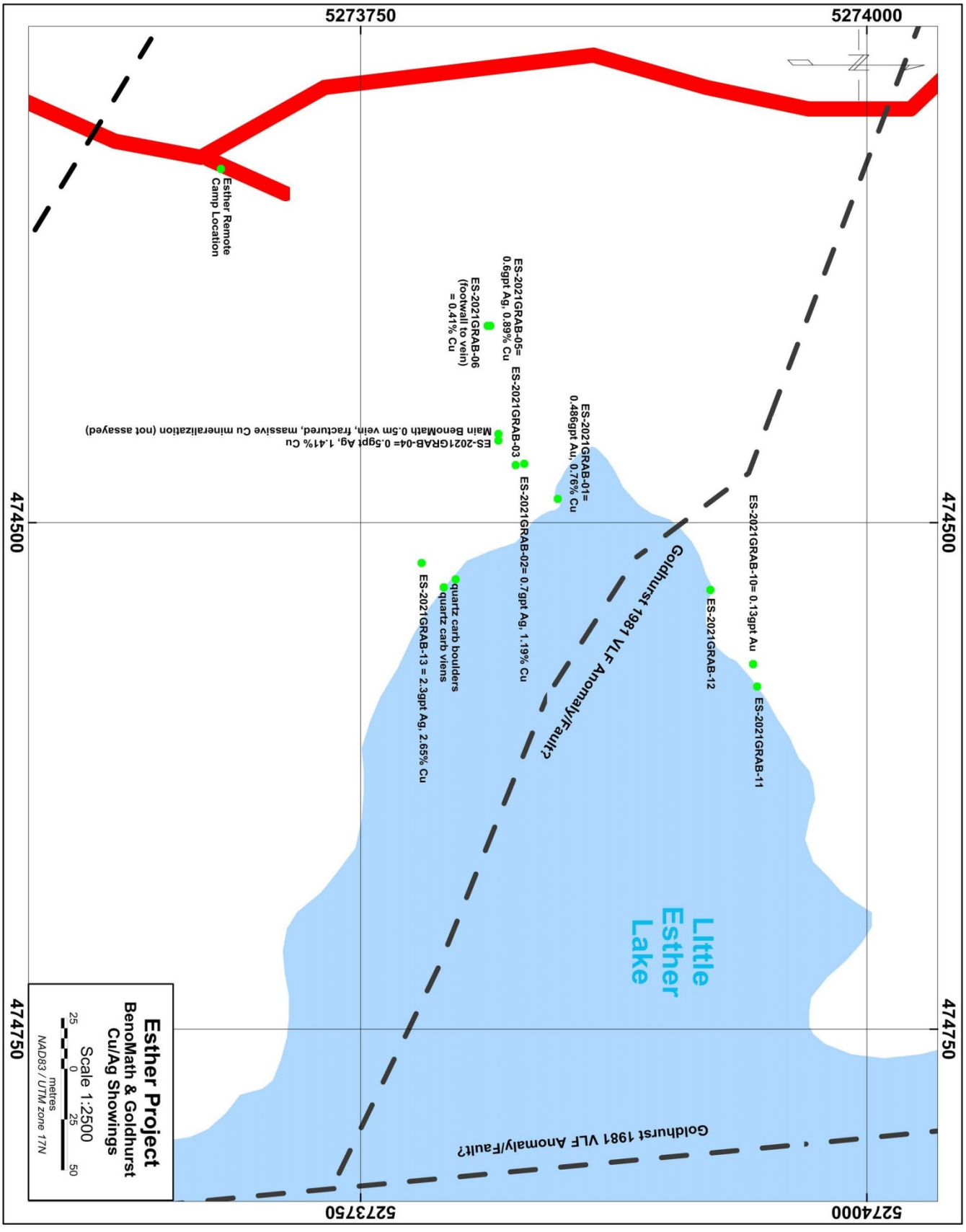
470000
475000
480000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5274000
474500
474750
Esther Remote Camp Location
ES-2021GRAB-05= 0.6gpt Ag, 0.89% Cu
ES-2021GRAB-06 (footwall to vein) = 0.41% Cu
ES-2021GRAB-03
ES-2021GRAB-04= 0.5gpt Ag, 1.41% Cu
Main BenoMath 0.5m vein, fractured, massive Cu mineralization (not assayed)
ES-2021GRAB-01= 0.486gpt Au, 0.76% Cu
ES-2021GRAB-02= 0.7gpt Ag, 1.19% Cu
quartz carb boulders
quartz carb viens
ES-2021GRAB-13 = 2.3gpt Ag, 2.65% Cu
Goldhurst 1981 VLF Anomaly/Fault?
ES-2021GRAB-12
ES-2021GRAB-10= 0.13gpt Au
ES-2021GRAB-11
Little Esther Lake
Goldhurst 1981 VLF Anomaly/Fault?
Esther Project
BenoMath & Goldhurst Cu/Ag Showings
Scale 1:2500
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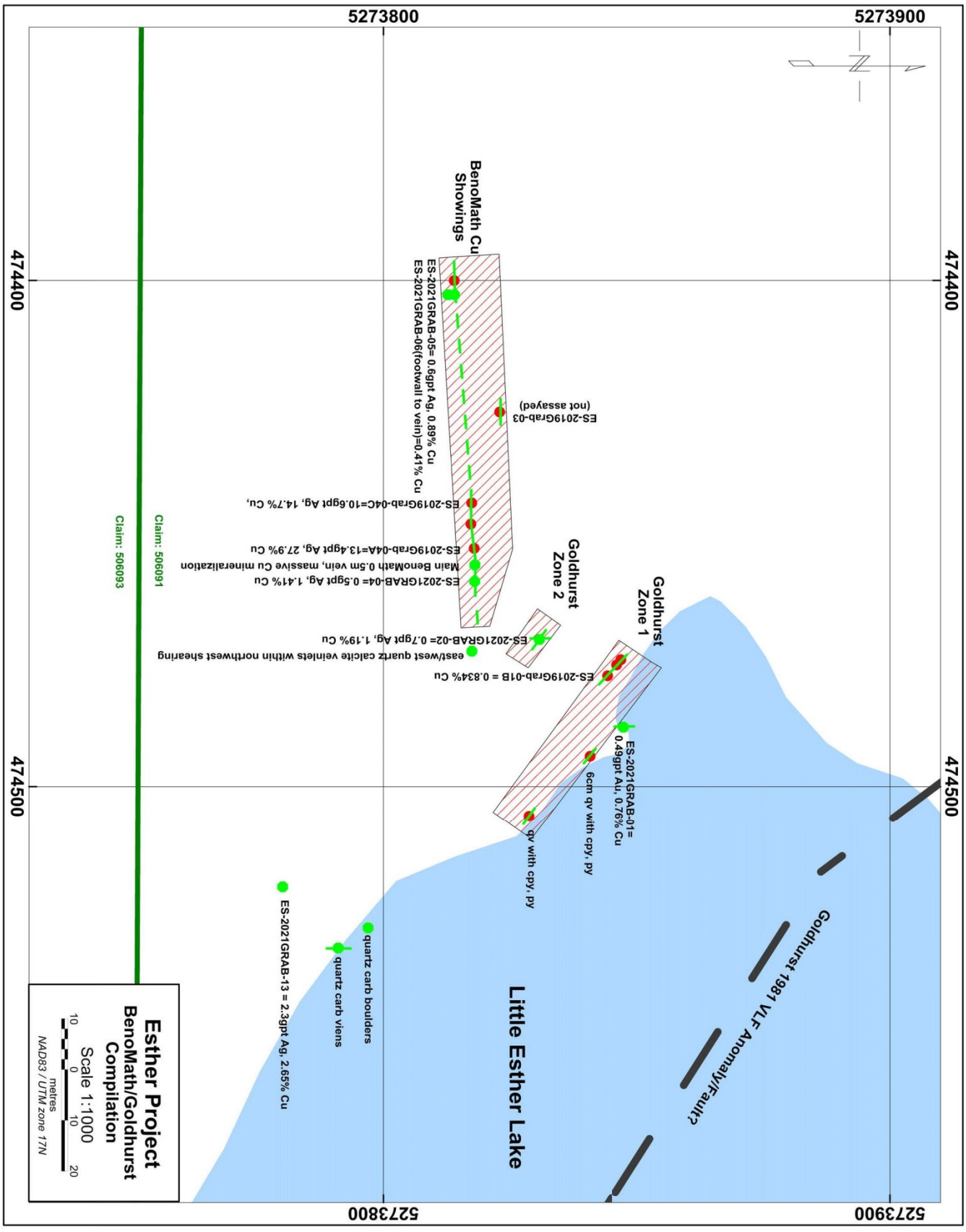
metres
NAD83 / UTM zone 17N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5273900
474400
474500
BenoMath Cu Showings
ES-2021GRAB-05= 0.6gpt Ag, 0.89% Cu
ES-2021GRAB-06(footwall to vein)=0.41% Cu
ES-2019Grab-03 (not assayed)
ES-2019Grab-04C=10.6gpt Ag, 14.7% Cu,
ES-2019Grab-04A=13.4gpt Ag, 27.9% Cu
Main BenoMath 0.5m vein, massive Cu mineralization
ES-2021GRAB-04= 0.5gpt Ag, 1.41% Cu
Goldhurst Zone 2
ES-2021GRAB-02= 0.7gpt Ag, 1.19% Cu
eastwest quartz calcite veinlets within northwest shearing
Goldhurst Zone 1
ES-2019Grab-01B = 0.834% Cu
ES-2021GRAB-01= 0.49gpt Au, 0.76% Cu
6cm qv with cpy, py
qv with cpy, py
Goldhurst 1981 VLF Anomaly/Fault?
Little Esther Lake
ES-2021GRAB-13 = 2.3gpt Ag, 2.65% Cu
quartz carb viens
quartz carb boulders
Claim: 506093
Claim: 506091
Esther Project
BenoMath/Goldhurst Compilation
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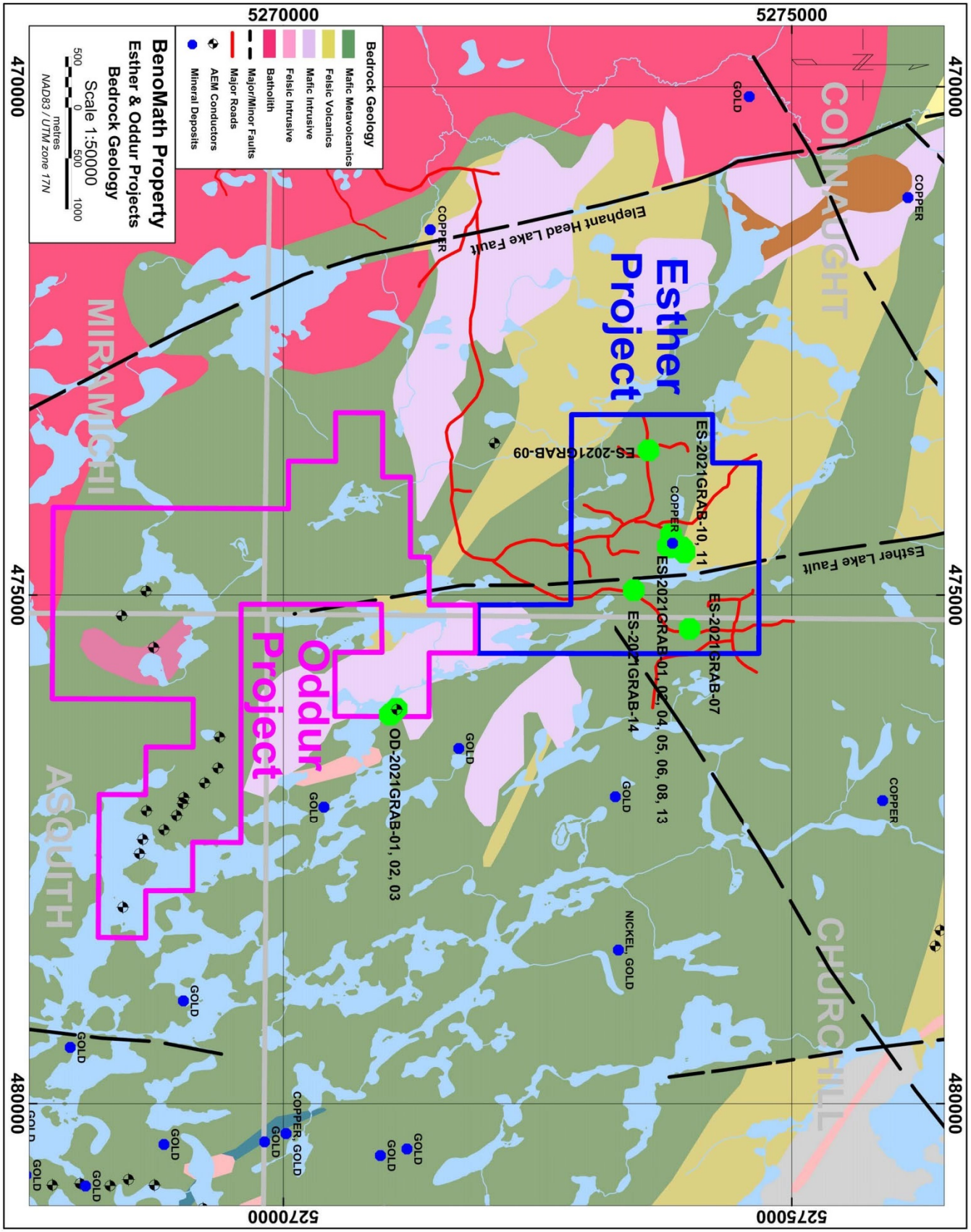
metres
NAD83 / UTM zone 17N


BenoMath Property
Esther & Oddur Projects
Bedrock Geology
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metres
NAD83 / UTM zone 17N
Bedrock Geology
Mafic Metavolcanics
Felsic Volcanics
Mafic Intrusive
Felsic Intrusive
Batholith
Major/Minor Faults
Major Roads
AEM Conductors
Mineral Deposits
Esther Project
Oddur Project
Elephant Head Lake Fault
Esther Lake Fault
ES-2021GRAB-09
ES-2021GRAB-10, 11
ES-2021GRAB-07
ES-2021GRAB-01, 02, 04, 05, 06, 08, 13
ES-2021GRAB-14
OD-2021GRAB-01, 02, 03
COPPER
GOLD
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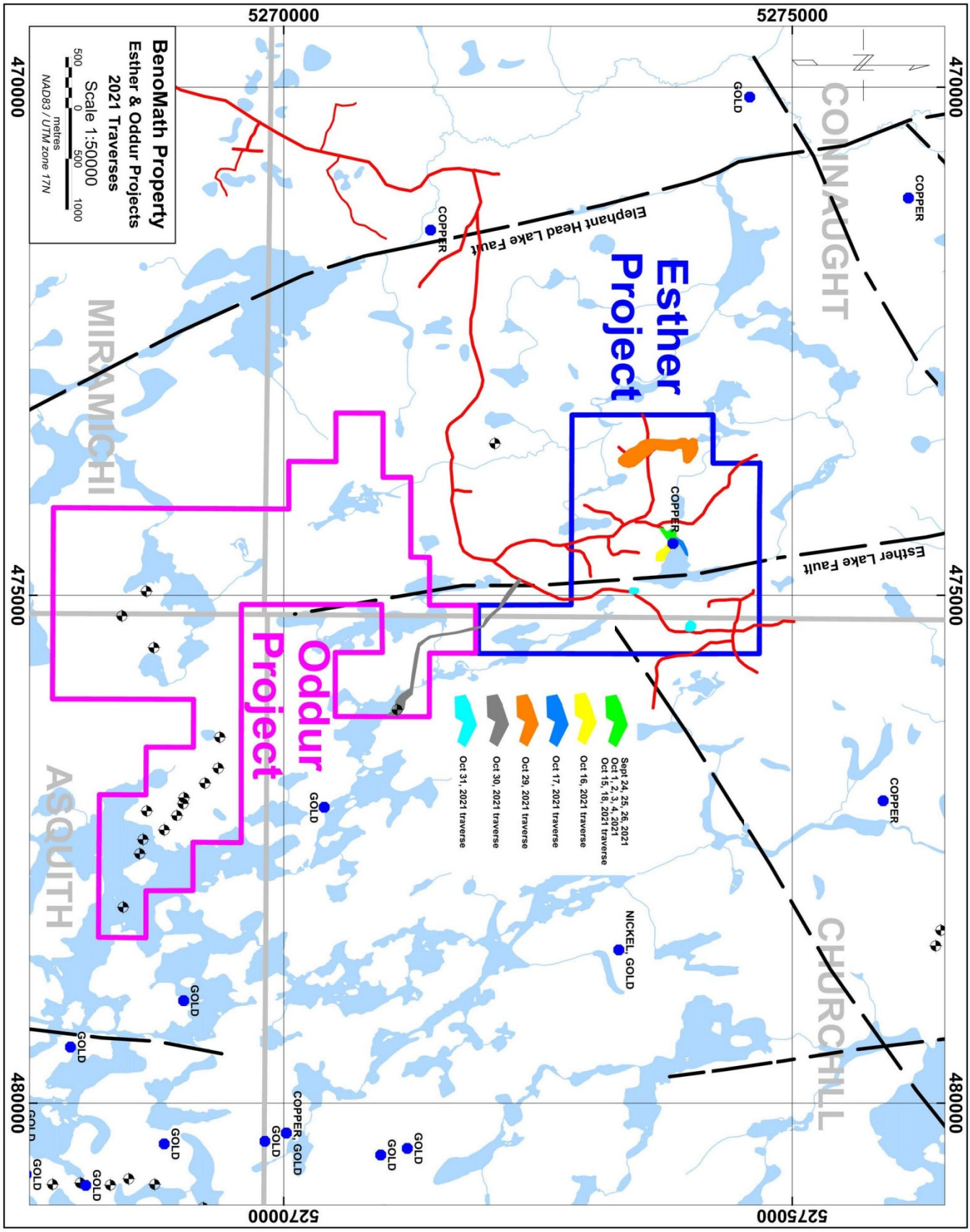
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Esther & Oddur Projects
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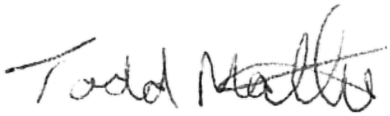
Esther Project
Oddur Project
Elephant Head Lake Fault
Esther Lake Fault
CONNAUGHT
CHURCHILL
MIRAMICHI
ASQUITH
Sept 24, 25, 26, 2021
Oct 1, 2, 3, 4, 2021
Oct 15, 18, 2021 traverse
Oct 16, 2021 traverse
Oct 17, 2021 traverse
Oct 29, 2021 traverse
Oct 30, 2021 traverse
Oct 31, 2021 traverse
COPPER
GOLD
NICKEL, GOLD
COPPER, GOLD

8.0 Appendix B – BenoMath Property – 2021 Daily Log

BenoMath Property – Esther Lake & Oddur Projects



Property Owner/Performed By: Todd Mathieu, Tristan Mathieu
Access from South Porcupine: 2.75 hours of travel one way

Sept 24, 2021
Tristan and I, Todd Mathieu, mobilized equipment/camp from South Porcupine to 230m southwest of Little Esther Lake, set up camp, and began mobilization of equipment into the Goldhurst/Benomath Cu/Ag showings.

6 hour day.
Equipment/Supplies Mobilized: camp gear/food/water, truck, ATV, chainsaw, water pump & hoses, miscellaneous prospecting/manual trenching gear.

Sept 25, 2021
Due to the distance required to mobilize equipment into the showing and the fact that the trail is currently unsafe for ATV use, using the chainsaw and shovel, Tristan and I navigated/flagged a trail through the forestry operations and cut brush/stumps, corduroyed/leveled any unsafe holes, all the way to the bush line south of the Goldhurst/BenoMath Cu/Ag showings. A walking trail was flagged/brushed into the BenoMath veins. Once completed, using the ATV the remaining equipment was mobilized to the bush line and then carried into the showings. Using the grub hoe, shovel, and water pump/hoses, we began trenching/washing bedrock between sample locations ES-2019GRAB-04A and ES-2019GRAB-05B. Unfortunately the area is within a major shear zone and the area is covered in a layer of consolidated fragmented sheared bedrock. This made it very difficult/slow trenching and required several multiple washings with the water pump. As we only had 115ft of hose, limited water was available and we had to use the drainage ditch/tributary as a water supply which meant having to create a separate sump, and attempt to reuse our water. This meant one person operating the hose, while the second person kept the pump clean from leaves, needles, and other debris from the waste water entering the sump.

10 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump & 115ft of hose, hand tools.

Sept 26, 2021
We continued to manually trench/washing the same area as the day before. We continue to locate a significant amount of mineralized fragmented boulders which based on visual observation and lab analysis to date would expect to carry between 1-27% Cu.

Fragmented angular boulders removed from overburden during trenching between ES-2019GRAB-04A & ES-2019GRAB-04B zones.

We also completed additional brushing into the showing, and brushed and flagged an area east and north to the lake in preparation for additional trenching/outcrop washing to occur over the fall.

Looking north towards Little Esther Lake - Site preparation for October 2nd to 4th, 2021 manual trenching (minor brushing and removal of dead trees/brush)

The plan is to purchase additional hose and complete outcrop washing of the all other available outcrop in the area for detailed pictures and sampling and continue to trenching to the east and west on the main BenoMath vein.
Equipment was demobilized back to camp, camp packed up, and we mobilized all gear back to South Porcupine.

9.5 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump & 115ft of hose, hand tools

Oct 1, 2021
I, Todd Mathieu mobilized camp gear and equipment from South Porcupine to the Esther Project in Shinning Tree. Using an ATV gear was then transported to the bush line, and then manually carried the remaining distance into the BenoMath/Goldhurst showings. I began by washing the Goldhurst #2 showing, and using a grub hoe to clean back debris and extend the visible bedrock both north and south of the showing. This included the use of a chainsaw for minor brushing as the trenches have not been cleaned presumably since the early 1980's.

Goldhurst #2 showing – main (north section) – quartz carb vein/veinlets with disseminated chalcopyrite/bornite

Goldhurst #2 showing (south portion) – quartz carb veinlets with disseminated chalcopyrite/bornite within a medium grey mafic host.

Near the end of the day I began manual trenching east of the BenoMath 2019 4A showing in an attempt to locate the main vein and extend the known mineralization to the east.

13.5 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose, hand tools.

Oct 2, 2021
I continued the manual trenching with the use of a grub hoe, shovel, pails and water pump/hose to wash bedrock. Once again the area appears to be a major shear zone of weather bedrock that is now just consolidated loose rock/debris. Using a chainsaw, minor brushing of dead fallen trees took place clear additional area for trenching/hoses. Due to this issue of the sheared rock debris, the trench has to be washed regularly to verify if bedrock has been reached/intact. A sump was established to collect used water and sediment and allow the water to naturally filter through the organics. One observation made, when trenching neared the location of the main 0.5 meter BenoMath vein, the overburden became much more oxidized, and loose chunks of rock filled with chalcopyrite and malachite staining were visible. Once again the area around the vein is extremely sheared/faulted and in many cases is just weathered angular loose rock. This area is approximately 4 meters east of the 2019 4A main BenoMath showing. Approximately 30-80cm of overburden/loose debris has been moved to expose the highly fractured eroded vein. Visible chalcopyrite and malachite staining consume the trench and tiny veinlets

of chalcopyrite were observed in the footwall. The hanging wall is too eroded/fractured for any visible observations and requires additional trenching. The area is unsafe for proper channel sampling.

BenoMath 0.5 meter main vein – 4 meters east of ES-2019GRAB-04A – heavily fractured/mineralized. No sample sent for assaying.

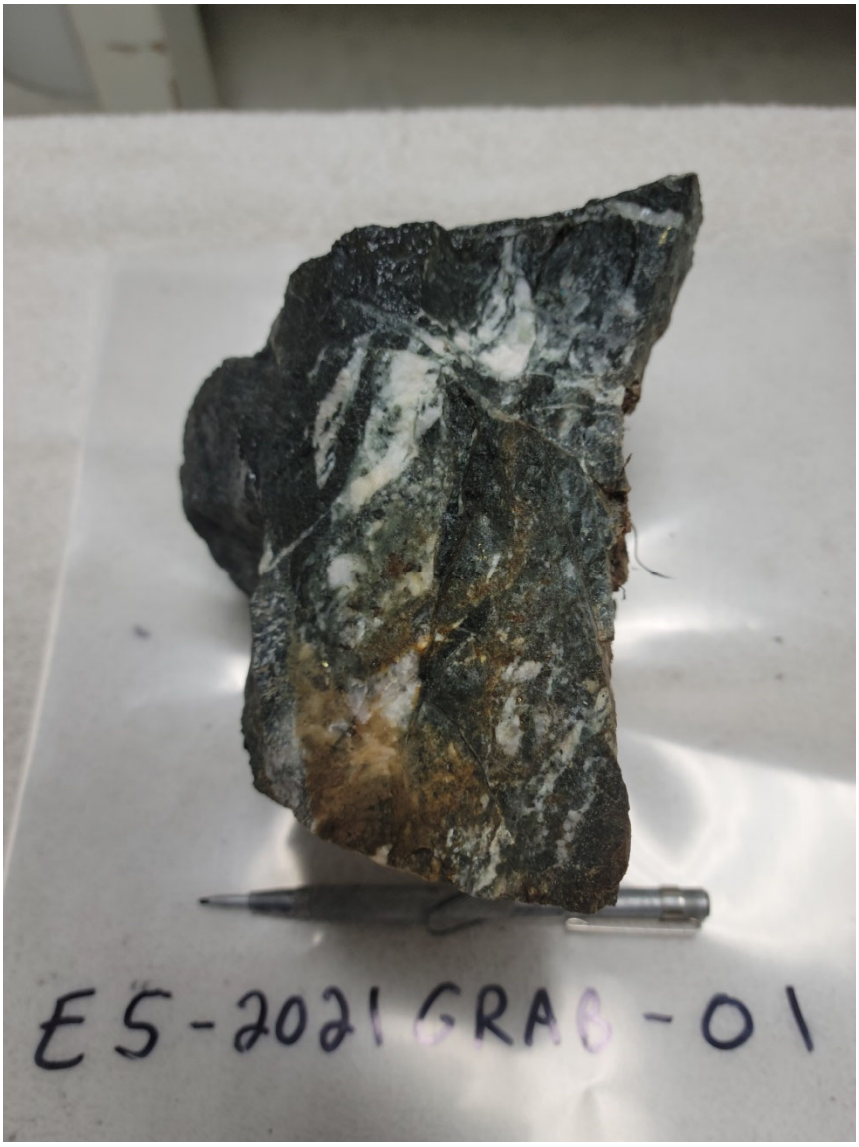
I began manually trenching/washing a second area 4 meters further east in an attempt to locate an area where the bedrock is not as weathered/broken up in the hopes it would be possible to perform a channel sample.

11.25 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose

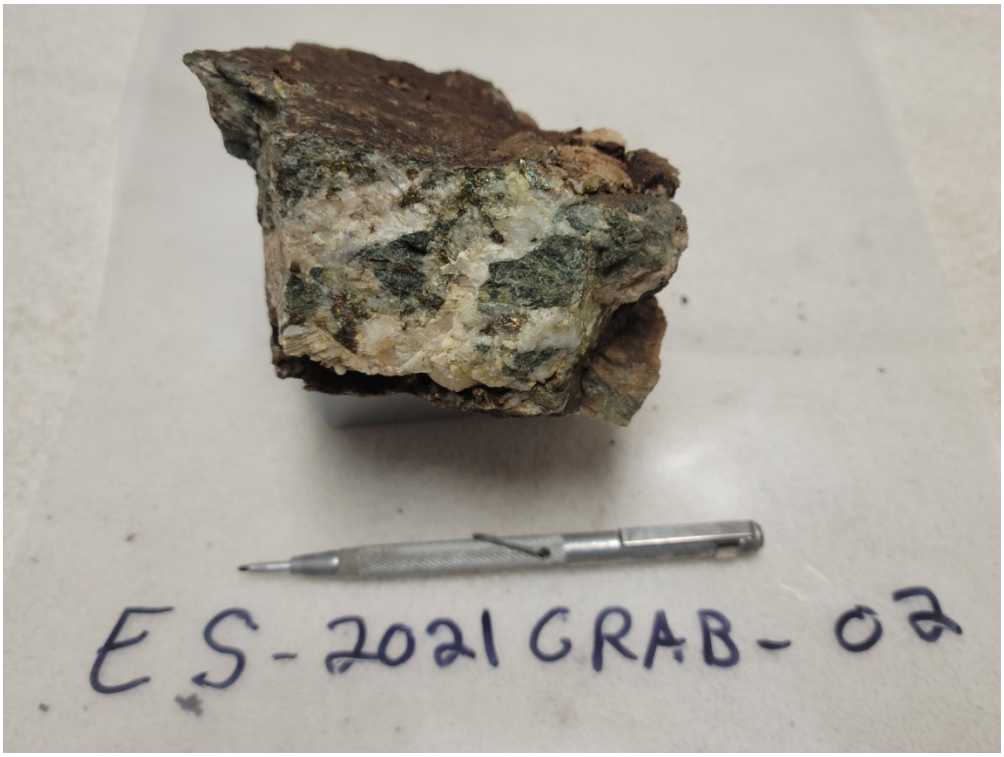
Oct 3, 2021
I continued with the manual trenching and washing finally uncovering the second location east of the 2019 4A main BenoMath showing. Initially the location was just sheared chunks of vein consisting of chunks of carbonated quarts, chalcopyrite, with malachite staining, but as I trench west towards the previous days trench, a solid carbonated quartz vein emerged. By its appearance, there are sections that have been completely weathered/eroded which are assumed to have been pockets of sulphides or other softer elements. There is shearing of the host rock along the hanging wall with visible seams of chalcopyrite. The footwall contact has been completed eroded away, so it is impossible to estimate the amount of mineralization that maybe contained in the footwall contact of the host rock. I estimate the vein at approximately 40-50cm with an additional 20cm of visible mineralized host rock in the hanging wall. Once again, due to the shearing and loose debris due to weathering, this estimation is only what is visible and it is very possible the mineralization envelope may prove to have a much wider foot print. Once again, the trenching did not provide an adequate location for a proper channel sample location where a true cut across the footwall, hanging wall, and vein could be safely completed.

10.45 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose.

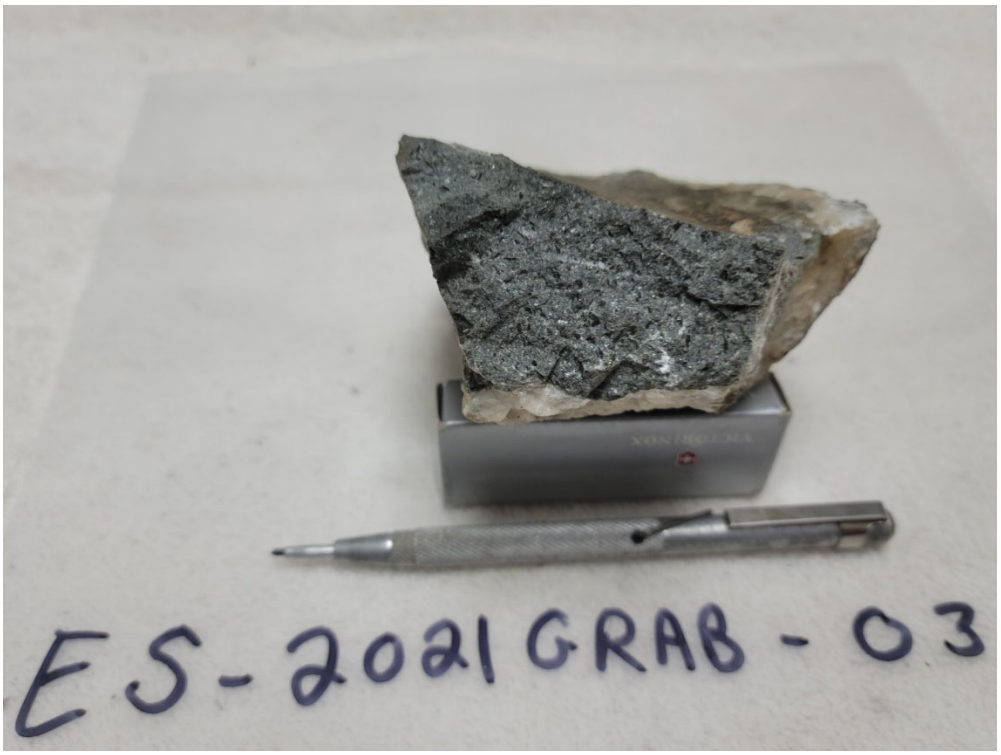
Oct 4, 2021
I continued with the manual trenching from the day before, gave the area and the Goldhurst and BenoMath showings a final wash, took several chip & grab samples for further review at camp/home, and took pictures of the two fresh trenches. Sample ES-2021GRAB-01 (Goldhurst #1 showing from north/south carbonated vein), ES-2021GRAB-02 (Goldhurst #2 brecciated quartz carbonate vein), ES-2021GRAB-04 (main BenoMath vein, most easterly exposure) were sent for analysis.



Goldhurst #1 showing, from north/south quartz carbonated veinlet, from within Little Esther Lake ES-2021GRAB-01: 0.486gpt Au, 0.76% Cu



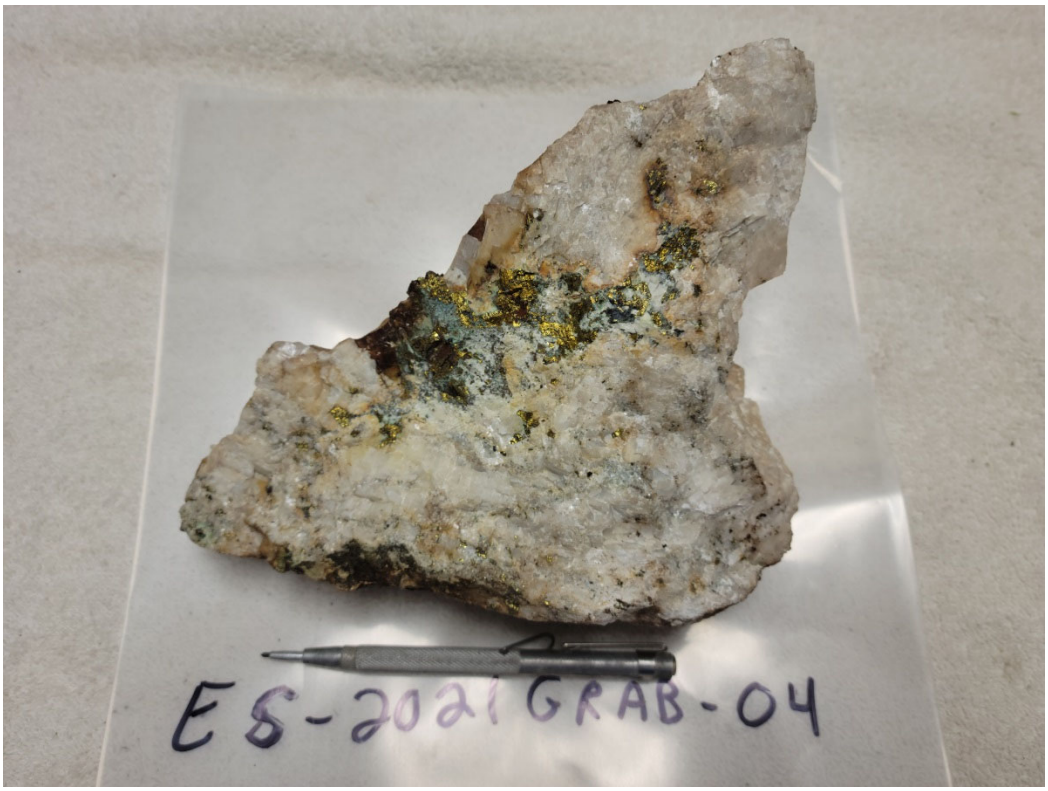
Goldhurst #2 showing – brecciated quartz carbonate vein with chalcopyrite/bornite ES-2021GRAB-02: 0.7gpt Ag, 1.19% Cu



Goldhurst #2 showing – host rock – med grey mafic ES-2021GRAB-03: not sent for assaying

Main BenoMath vein facing north – most easterly exposure in bedrock - trenching & sump

Main BenoMath vein – facing west – ES-2021GRAB-04 sample location –



Main BenoMath vein – ES-2021GRAB-04: 0.5gpt Ag, 1.41% Cu

Minor brushing with chainsaw was completed towards the smaller 2019 BenoMath vein and the westward extension of the main BenoMath vein, as to provide basic trenching and washing of both trenches for further examination of the host rocks. The narrow 2019 BenoMath vein appears to be getting wider to the east which suggests some time should be spent on tracing this vein eastward. Additional quartz carbonate stringers are also noted within the faulted/sheared hanging wall and there is the potential for the faulted material to contain a larger low grade envelope of mineralization. A channel sample should be attempted once additional trenching/bedrock washing has been completed eastward.

Looking west - narrow BenoMath fracture filling vein with chalcopyrite and malachite staining within major shear/fault zone and widening to the east. Discovered in 2019 and remains to be sampled/analyzed. Recommend additional manual trenching eastward and channel sample entire shear/fault structure.

Detailed prospecting along strike to the east of the main vein was also completed. In a location along strike with an uprooted tree, additional chunks of carbonated quartz veinlets were noted and GPSed as a target for the next weekend of work. All gear was mobilized back to camp, packed, and demobilized back to South Porcupine.

13 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump, 115ft of hose

October 15, 2021
I, Todd Mathieu mobilized camp gear and equipment from South Porcupine to the Esther Project in Shinning Tree. Using an ATV gear was then transported to the bush line, and then manually carried the remaining distance into the BenoMath/Goldhurst showings. I began with further manual trenching east of the main 0.5 meter BenoMath vein in the area along strike where several loose pieces of quartz had been located in the overburden in the location of an uprooted tree. Once again the overburden is heavily fractured/faulted bedrock which made manual trenching difficult. Exposing the bedrock it is clear that there is fracturing/shearing and or faulting in both a north, northwest, and west direction.

Looking east along strike from main BenoMath Vein towards new manual trenching (peak of incline). (picture taken October 18, 2021 after 4 day program).

Quartz veinlets were noted on strike of the main BenoMath vein, but as they are fracture filling, and have been metamorphized through some of the later events, it is difficult to ascertain if the main BenoMath vein continues at its 0.5 meter width to the east or if the northwest fault will terminate the main mineralization. It also appears the trenching is slightly south and may require additional trenching to the north to locate the main BenoMath vein.

Looking east – minor quartz carbonate stringers in highly fractured/sheared bedrock east of main BenoMath vein. (picture taken October 18, 2021 after 4 day program).

Due to what appears to be a northwest fault manual trenching/bedrock washing was completed between the Goldhurst #2 showing and main BenoMath vein to trace the main fault structures. Minor stringer quartz carbonate veins as fracture filling were noted, but very minimal.

Looking west – between main BenoMath vein and Goldhurst #2 showing. West & northwest faulting/shearing. Additional manual trenching required to determine exact contacts/strike. Minor quartz carbonate fracture filling noted.

This require additional trenching both to the north and south to verify contacts and strike directions and whether a channel sample should be taken from this unit. (picture taken October 18, 2021 after 4 day program).

13.45 hour day

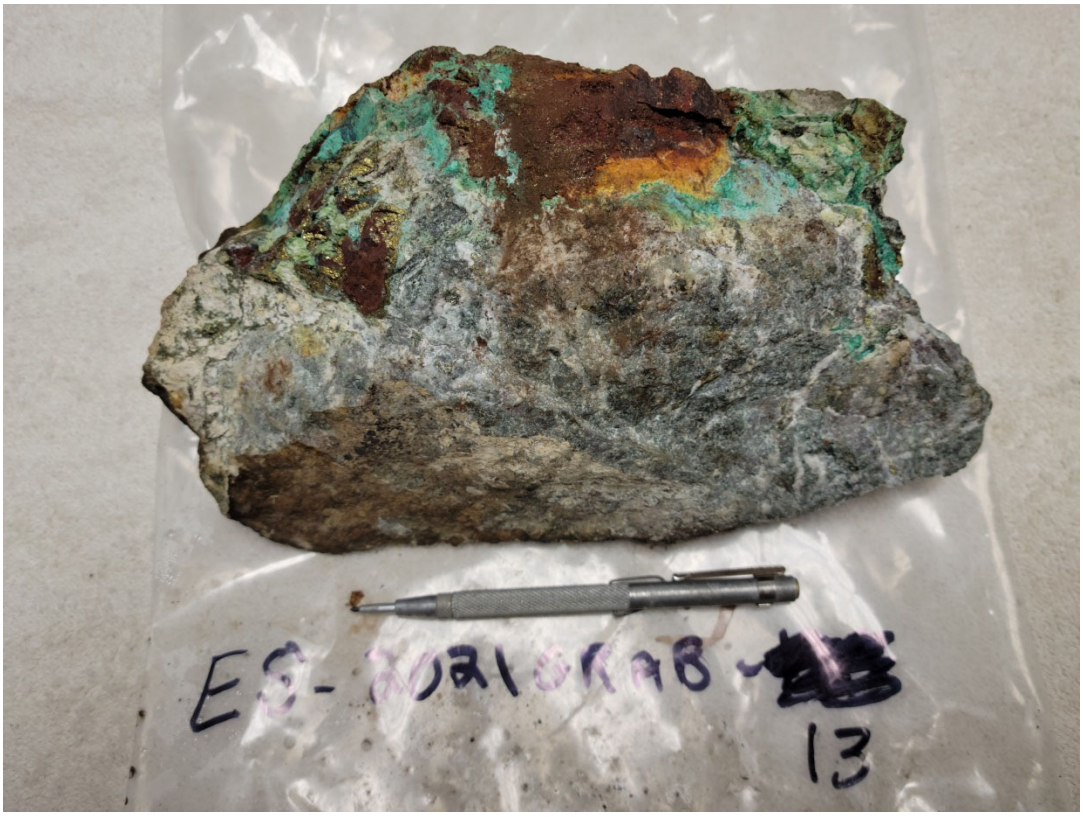
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose, miscellaneous prospecting/manual trenching gear.

October 16, 2021
I once again began manual trenching of both the locations from October 15, 2021. Very time consuming and involves using the large grub hoe, shovel, buckets, with the use of the water pump to continue washing the exposed sheared lose rock and cutting away roots to verify structure and guide direction to continue trenching.

Half way through the day prospecting east along the south shore of Little Esther Lake took place to evaluate an increase in magnetics and EM in the historic Slocan Minerals VTEM survey from 2008. Based on geophysical interpretation, linear, magnetic, striking north northwest, it was believed to be a dyke, but due to its vicinity to the Goldhurst/BenoMath showings needed to be reviewed. The quick field evaluation concluded the same. During the prospecting several quartz veinlets striking north and or northwest were noted along the shoreline. Most importantly several large heavily mineralized potentially float/boulders were located southwest of the main Goldhurst/BenoMath showings. It is impossible to verify if these are merely boulders/float that was moved by glaciers or if it is a pinched area between two northwest dykes. Sample ES-2021GRAB-13 was sent for assaying.

ES-2021GRAB-13 location – possible float/pile of mineralized boulders?
ES-2021GRAB-13: 2.3gpt Ag, 2.65% Cu

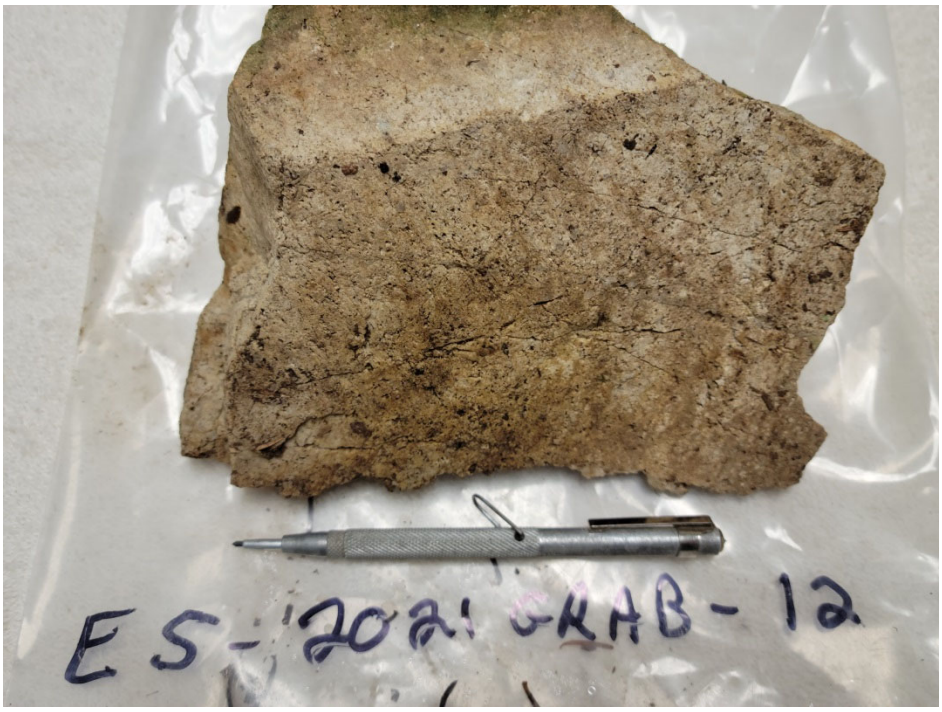
Pile of large potentially float/boulders heavily mineralized with chalcopyrite/malachite staining and disseminated sulphides east southeast of the Goldhurst/BenoMath showings. Pinched between what appears to be mafic northwest dykes on both sides.



Sample ES-2021GRAB-13: 2.3gpt Ag, 2.65% Cu

11.25 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose, miscellaneous prospecting/manual trenching gear.

October 17, 2021
I once again began manual trenching of both locations from October 15th & 16th, 2021 for the first half of the day. Once the day began to warm and the sun was at an appropriate height, I began prospecting the northwest side of Little Esther Lake. OGS mapping indicates a potential rhyolite northwest/southeast contact in this area and also partially coorelates with a 3800ft Goldhurst VLF anomaly from 1981. Along the shoreline there is significant amount of broken angular boulders which is believed by the write to be from what has been interpreted by the OGS as the rhyolite. ES-2021GRAB-12 was taken as a visual representation.



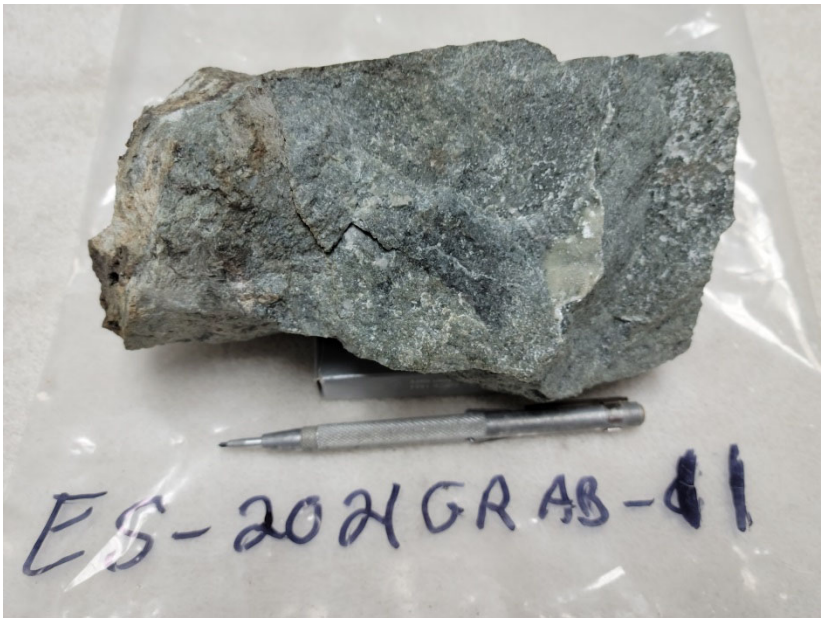
ES-2021GRAB-12: visual representation of angular felsic boulders along shoreline. Possible rhyolite?

Within the same rock unit which maybe a rhyolite, an oxidized/silicified pocket of mineralization was observed. ES-2021GRAB-10 was sent for analysis.

ES-2021GRAB-10: metamorphic/silicified potentially rhyolite with veins/pockets of fine sediment & sulphides (light grey). ES-2021GRAB-10: 0.132gpt Au, 0.4gpt Ag.

Further east from ES-2021GRAB-10 a rock unit was located that is very similar to that of the mineralized ES-2021GRAB-13 discovered the day before on the south shore of Little Esther Lake. Grey, mafic, slight

carbonated with trace very fine grained disseminated sulphides, but lacking in visual chalcopyrite/malachite and ankerite mineralization. This unit is within the lake and was only visible due to low water. The unit was approximately 4-8 inches above water level at time of sampling. Approximate strike of shearing is northwest similar to the Goldhurst showings to the south and the 1981 VLF anomaly. This area should be further prospected during summer when the water is warm enough to venture into the lake and when water levels are at their lowest. Sample ES-2021GRAB-11 was sent for analysis.



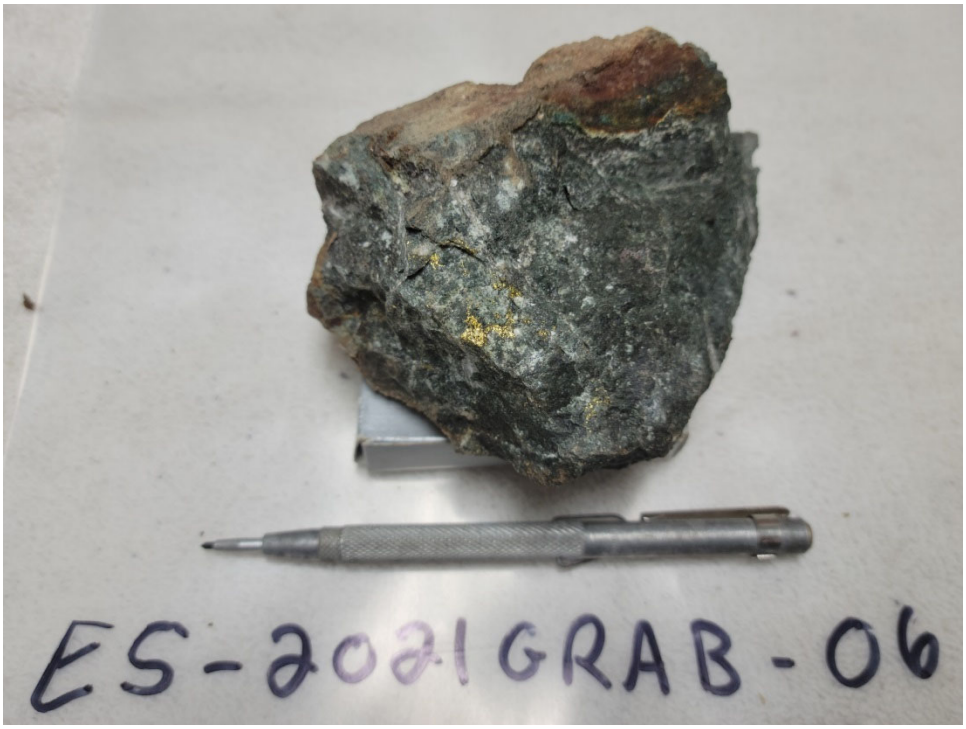
ES-2021GRAB-11 – northwest side of Little Esther Lake – rock unit from inside lake south of rhyolite. No carbonate alteration. ES-2021GRAB-11: no significant values.

9.25 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose, miscellaneous prospecting/manual trenching gear.

October 18, 2021
Water pump and hoses were moved to begin further manual trenching along the western portion of the main BenoMath vein. Chainsaw was required to cut away fallen trees/dead stumps. The vein pinches and swells from anywhere from 30cm to greater than 0.5m and mineralization is visible within the footwall to the vein as fracture filling. Sample ES-2021GRAB-05 was taken from the main vein while sample ES-2021GRAB-06 was taken from the footwall. Suggest further manual trenching eastward as the vein appears to be widening with potential for cross shearing in a north to northwest direction allowing for increases in potential mineralization. I would also recommend further trenching north and south of this showing and attempt a channel sample for potential grades/width to determine the full potential of the mineralized envelope. Although the vein is not as heavily mineralized as the eastern exposures, malachite staining or chalcopyrite was observed in several chips along the vein/trench and lab analysis did provide economic results.
To the west of this trench the bedrock drops off into a lower lying area covered in overburden which has made it difficult to trace the vein to the west.

Main BenoMath vein looking west - most westerly exposure to date.
Location of ES-2021GRAB-05 (vein) & ES-2021GRAB-06 (footwall).

Main BenoMath vein most westerly exposure – ES-2021GRAB-05: 0.6gpt Ag, 0.89% Cu

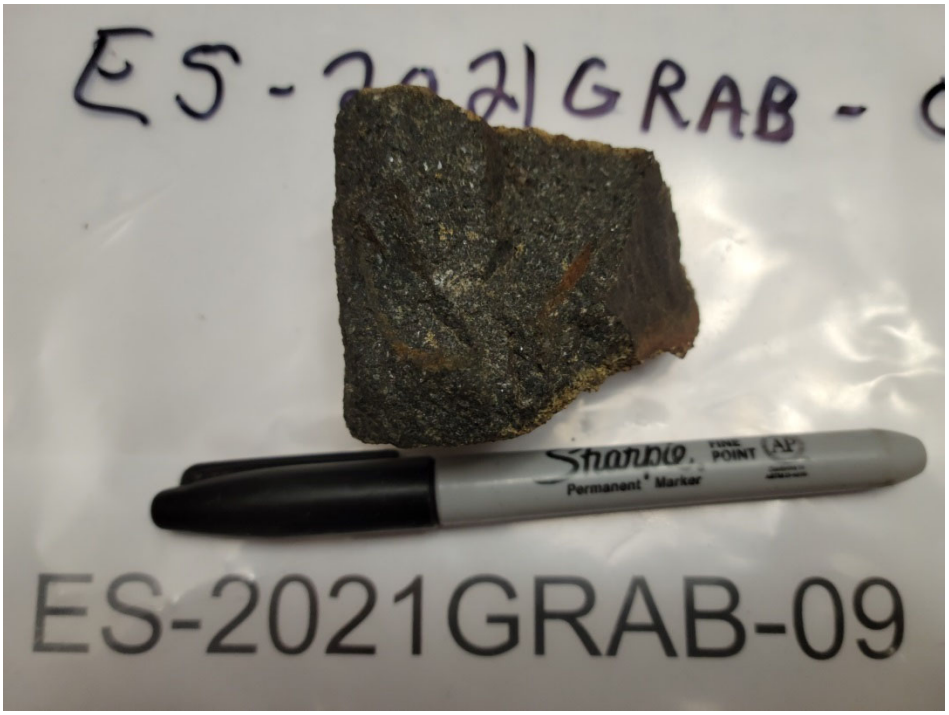


Main BenoMath vein most westerly exposure (footwall of ES-2021GRAB-05)
ES-2021GRAB-06: 0.41% Cu

All gear was mobilized back to camp, packed, and demobilized back to South Porcupine.

12.5 hour day
Equipment: camp gear, truck, ATV, chainsaw, water pump and 115ft of hose, miscellaneous prospecting/manual trenching gear.

October 29, 2021
I, Todd Mathieu mobilized camp gear and equipment from South Porcupine to the Esther Project in Shinning Tree. Using the ATV prospecting was completed west of the Goldhurst/BenoMath showings. Several weak EM anomalies are indicated from the Slocan Minerals 2008 VTEM survey. Although they are very linear and magnetic, due to their vicinity to the Goldhurst/BenoMath showings they needed to be reviewed in the field. Sample ES-2021GRAB-09 was taken from a linear magnetic/EM signature striking in a northwest direction. This rock unit is exposed for a considerable distance across the recently forested area and consistently contains upwards of 1% disseminated of what appears to be iron sulphides (potentially Po?) within what is believed to be a mafic diabase dyke (potentially Matachawan swarm?).



ES-2021GRAB-09 – magnetic, conductive diabase dyke west of Esther Lake Cu showings. Contains magnetite and disseminated trace Po? No significant values.

Additionally I attempted to prospect an area north of the diabase dyke location where a weak east/west conductor is located but thick overburden prevented the ability to verify any sort of bedrock source. I made several passes looking for boulders or any other sign of bedrock with no luck. The overburden in this area appears to be a bit more clay like and with the amount of overburden it is difficult to determine if the EM is related to an overburden or bedrock source.

12.25 hour day
Equipment: camp gear, truck, ATV, miscellaneous prospecting gear.

October 30, 2021
Using the ATV, I travelled southeast locating myself northwest of Oddur Lake along the newly constructed forestry road. As there is a historic AEM anomaly, and a similar conductive response in the Slocan Minerals Corp VTEM survey from 2008, the objective was to prospect the northeast shore of Oddur Lake. This involved a 1.9km hike through rugged terrain with prospecting gear. During staking several boulders of quartz, veinlets of quartz, and shearing with pyrite was noted in the same vicinity as the AEM responses. The gossanous shearing appears to be more east west, contains fine sulphides in the form of pyrite. Samples OD-2021GRAB-01 and OD-2021GRAB-02 were taken from two portions of the gossanous shear zones and sent for analysis. Along the shore in the approximate location of the historic AEM anomaly, multiple boulders of fine to large grained pyrite were observed. No bedrock sources were located, but sample OD-2021GRAB-03 was taken from a large 60 pound mafic boulder with disseminated fine to large cubic Py to local semi massive mineralization (vein like).

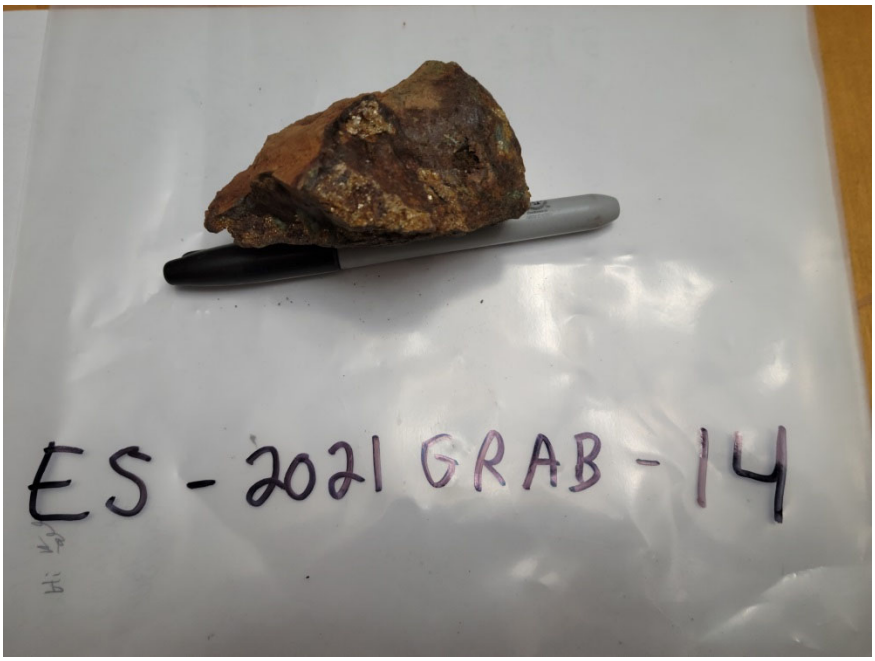
OD-2021GRAB-03 (large piece of boulder bottom left with large cubic pyrite). No significant values.

Approximately 40 pounds of samples were hiked out the 1.9km and taken back to camp for further examination.

8.5 hour day
Equipment: camp gear, truck, ATV, miscellaneous prospecting gear.

October 31, 2021
Using the ATV and the recently constructed forestry road, heading south and northeast around Little Esther Lake, I attempted to prospect/ground truth an EM signature from the Slocan 2008 VTEM survey. The signature is slightly magnetic, has a rough strike of northwest, but does not appear to be as linear as the conductive dykes in the area. Although it contained no visible sulphides, sample ES-2021GRAB-07 was heavy, oxidized, and was sent for assaying. Results came back with elevated K and P values and should be further evaluated for industrial elements for fertilizer? No picture taken.

In addition, along the newly constructed forestry road, minor quartz veinlets and oxidization was observed. As time was limited, only a couple samples were collected from what appears to be fracture filling potentially remobilized somewhat massive/vein like sulphides. Sample ES-2021GRAB-14 was sent for assaying.



ES-2021GRAB-14: No significant values.

An attempt was made to take final year end pictures of the BenoMath trenches and final GPS readings to double check all 2021 fieldwork for GIS mapping, but due to poor lighting conditions due to the angle of the sun in late October, and the heavily treed/shaded area, plus what appeared to be a magnetic storm due to an active solar flares, after several attempts this planned work was abandoned. I am forced to use what pictures/GPS points that were collected throughout the 2021 program for the end of year report. Camp was packed up and demobilized back to South Porcupine.

12.5 hour day
Equipment: camp gear, truck, ATV, miscellaneous prospecting gear.

September 24, 2021 to April 10, 2022
Data collection, GIS mapping, daily log updates, lab analysis, and 2021 BenoMath Property Prospecting/Manual Trenching Report has been ongoing. Greater than 120 hours of administration/data collection/mapping/reporting has been put into the final report, but only 5 days (40 hours) will be charged.

9.0 ASSAY CERTIFICATES

AGAT Laboratories

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http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: TODD MATHIEU

PROJECT: Esther & Oddur

AGAT WORK ORDER: 21T834129

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Apr 08, 2022

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

VERSION 2:3244221;3244225 - For Client Checks, rejects were ran for 202-055 & 201-073. Two samples were IS from rejects. As per client instructions, pulp samples were analyzed for these samples.

REASSAY REPORT 4/8/2022

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(200-) Sample Login Weight

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
ES-2021GRAB-01 (3244214)	2.59
ES-2021GRAB-02 (3244215)	1.39
ES-2021GRAB-04 (3244216)	1.76
ES-2021GRAB-05 (3244217)	0.56
ES-2021GRAB-06 (3244218)	0.58
ES-2021GRAB-07 (3244219)	0.90
ES-2021GRAB-08 (3244220)	0.33
ES-2021GRAB-09 (3244221)	0.20
ES-2021GRAB-10 (3244222)	0.72
ES-2021GRAB-11 (3244223)	2.15
ES-2021GRAB-13 (3244224)	2.48
ES-2021GRAB-14 (3244225)	0.30
OD-2021GRAB-01 (3244226)	0.70
OD-2021GRAB-02 (3244227)	0.48
OD-2021GRAB-03 (3244228)	1.19

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
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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
ES-2021GRAB-01 (3244214)	0.2	2.01	<1	<5	6	<0.5	<1	8.30	<0.5	17	20.8	124	9530	4.04
ES-2021GRAB-02 (3244215)	0.7	1.54	11	<5	5	<0.5	<1	5.13	<0.5	10	17.3	96.7	12300	4.02
ES-2021GRAB-04 (3244216)	0.2	0.02	<1	<5	4	<0.5	<1	31.0	<0.5	60	0.8	25.0	11700	1.08
ES-2021GRAB-05 (3244217)	0.6	0.24	<1	<5	3	<0.5	<1	1.63	<0.5	2	2.9	152	9440	1.73
ES-2021GRAB-06 (3244218)	<0.2	3.44	1	<5	12	<0.5	<1	1.32	<0.5	3	36.3	347	3460	5.51
ES-2021GRAB-07 (3244219)	<0.2	1.38	<1	<5	64	0.8	<1	1.18	<0.5	59	32.0	56.8	51.1	7.29
ES-2021GRAB-08 (3244220)	<0.2	3.75	10	<5	9	<0.5	<1	0.88	<0.5	6	27.5	72.7	105	7.15
ES-2021GRAB-09 (3244221)	<0.2	1.77	1	<5	53	0.6	<1	0.97	<0.5	34	28.3	68.9	86.2	8.08
ES-2021GRAB-10 (3244222)	0.5	0.22	26	<5	19	<0.5	5	0.03	<0.5	14	22.6	83.0	20.4	2.12
ES-2021GRAB-11 (3244223)	0.5	0.23	26	<5	20	<0.5	5	0.03	<0.5	15	22.9	88.8	20.8	2.15
ES-2021GRAB-13 (3244224)	2.2	0.38	<1	<5	7	<0.5	<1	7.32	<0.5	13	5.2	89.3	27500	3.31
ES-2021GRAB-14 (3244225)	<0.2	2.80	9	<5	4	<0.5	<1	0.14	<0.5	2	35.0	97.5	250	9.66
OD-2021GRAB-01 (3244226)	<0.2	0.94	4	<5	14	<0.5	<1	1.28	<0.5	23	9.5	85.6	40.5	2.60
OD-2021GRAB-02 (3244227)	<0.2	1.41	24	<5	22	<0.5	<1	0.24	<0.5	23	40.5	48.2	98.5	7.42
OD-2021GRAB-03 (3244228)	0.6	1.78	12	<5	13	<0.5	<1	0.26	<0.5	15	35.4	71.5	259	8.78

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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
ES-2021GRAB-01 (3244214)	21	<1	<1	<0.01	6	14	2.31	758	<0.5	0.02	52.5	216	10.3	<10
ES-2021GRAB-02 (3244215)	18	<1	<1	<0.01	3	12	1.44	632	<0.5	0.02	20.1	150	16.3	<10
ES-2021GRAB-04 (3244216)	<5	<1	<1	<0.01	23	<1	0.10	1510	<0.5	0.01	1.6	15	6.7	<10
ES-2021GRAB-05 (3244217)	7	<1	<1	<0.01	<1	2	0.27	148	<0.5	0.02	8.3	31	12.7	<10
ES-2021GRAB-06 (3244218)	24	<1	<1	<0.01	<1	24	4.22	834	<0.5	0.02	120	204	2.9	<10
ES-2021GRAB-07 (3244219)	24	<1	<1	0.36	26	14	1.32	637	<0.5	0.05	24.0	3120	5.6	<10
ES-2021GRAB-08 (3244220)	31	<1	<1	<0.01	1	27	3.30	1060	<0.5	0.02	49.7	595	<0.5	<10
ES-2021GRAB-09 (3244221)	25	<1	<1	0.09	15	9	0.91	546	<0.5	0.07	24.9	1890	5.4	<10
ES-2021GRAB-10 (3244222)	6	<1	<1	0.08	7	1	0.15	14	1.2	0.03	9.3	66	26.1	<10
ES-2021GRAB-11 (3244223)	6	<1	<1	0.08	7	1	0.16	14	1.4	0.03	9.6	68	26.4	<10
ES-2021GRAB-13 (3244224)	9	<1	<1	<0.01	5	2	0.41	516	<0.5	0.03	8.0	409	28.9	<10
ES-2021GRAB-14 (3244225)	25	<1	<1	<0.01	<1	21	2.90	975	<0.5	0.01	51.7	194	5.8	<10
OD-2021GRAB-01 (3244226)	13	<1	<1	0.07	11	6	0.60	318	<0.5	0.03	13.8	338	6.1	<10
OD-2021GRAB-02 (3244227)	16	<1	<1	0.15	8	11	0.71	523	<0.5	<0.01	58.0	878	17.2	<10
OD-2021GRAB-03 (3244228)	19	<1	<1	0.09	6	15	1.16	679	<0.5	<0.01	56.1	453	61.4	<10

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
ES-2021GRAB-01 (3244214)	1.03	3	16.5	<10	<5	40.8	<10	10	<5	0.01	<5	<5	132	<1
ES-2021GRAB-02 (3244215)	1.35	2	10.3	<10	<5	27.3	<10	<10	<5	<0.01	<5	<5	92.8	<1
ES-2021GRAB-04 (3244216)	1.14	<1	26.1	<10	<5	150	<10	<10	<5	<0.01	<5	<5	3.5	<1
ES-2021GRAB-05 (3244217)	0.72	4	2.7	<10	<5	8.1	<10	<10	<5	<0.01	<5	<5	12.9	<1
ES-2021GRAB-06 (3244218)	0.36	<1	13.4	<10	<5	6.4	<10	<10	<5	0.06	<5	<5	149	<1
ES-2021GRAB-07 (3244219)	0.01	<1	4.8	<10	<5	30.7	<10	<10	<5	0.35	<5	<5	139	<1
ES-2021GRAB-08 (3244220)	0.12	3	21.3	<10	<5	4.2	<10	<10	<5	0.06	<5	<5	135	<1
ES-2021GRAB-09 (3244221)	0.18	<1	7.0	<10	<5	13.6	<10	10	<5	0.32	<5	7	255	<1
ES-2021GRAB-10 (3244222)	1.81	5	1.4	<10	<5	3.6	<10	<10	<5	<0.01	<5	<5	5.1	<1
ES-2021GRAB-11 (3244223)	1.82	2	1.5	<10	<5	3.7	<10	<10	<5	<0.01	<5	<5	5.2	<1
ES-2021GRAB-13 (3244224)	1.81	1	10.5	<10	<5	31.7	<10	<10	<5	<0.01	<5	<5	43.2	<1
ES-2021GRAB-14 (3244225)	4.57	<1	2.6	<10	<5	1.1	<10	12	<5	0.12	<5	<5	77.2	<1
OD-2021GRAB-01 (3244226)	1.05	1	2.4	<10	<5	5.8	<10	<10	<5	0.02	<5	<5	13.7	<1
OD-2021GRAB-02 (3244227)	5.42	2	2.6	<10	<5	3.7	<10	10	<5	0.07	<5	<5	30.6	<1
OD-2021GRAB-03 (3244228)	6.66	3	3.1	<10	<5	2.0	<10	<10	<5	0.03	<5	<5	30.9	<1

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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
ES-2021GRAB-01 (3244214)	31	25.4	<5
ES-2021GRAB-02 (3244215)	19	29.1	<5
ES-2021GRAB-04 (3244216)	177	3.3	<5
ES-2021GRAB-05 (3244217)	9	8.2	<5
ES-2021GRAB-06 (3244218)	8	68.1	<5
ES-2021GRAB-07 (3244219)	25	96.5	25
ES-2021GRAB-08 (3244220)	11	82.2	<5
ES-2021GRAB-09 (3244221)	25	95.9	35
ES-2021GRAB-10 (3244222)	2	3.0	16
ES-2021GRAB-11 (3244223)	2	3.7	17
ES-2021GRAB-13 (3244224)	25	7.2	<5
ES-2021GRAB-14 (3244225)	3	92.6	<5
OD-2021GRAB-01 (3244226)	6	46.3	17
OD-2021GRAB-02 (3244227)	4	164	10
OD-2021GRAB-03 (3244228)	5	487	10

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:

AGAT Laboratories
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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
ES-2021GRAB-01 (3244214)	<0.2	2.38	<1	<5	7	<0.5	<1	6.15	<0.5	15	25.6	179	7550	4.52
ES-2021GRAB-02 (3244215)	0.7	1.59	10	<5	4	<0.5	<1	4.38	<0.5	10	17.8	123	11900	3.98
ES-2021GRAB-04 (3244216)	0.5	0.02	<1	<5	4	<0.5	<1	30.4	<0.5	53	1.0	36.6	14100	1.28
ES-2021GRAB-05 (3244217)	0.6	0.23	<1	<5	4	<0.5	<1	1.88	<0.5	3	2.9	197	8850	1.76
ES-2021GRAB-06 (3244218)	<0.2	3.85	4	<5	11	<0.5	<1	1.58	<0.5	3	39.1	400	4070	6.07
ES-2021GRAB-07 (3244219)	<0.2	1.69	3	<5	81	1.5	<1	1.48	<0.5	60	33.1	57.6	92.1	7.78
ES-2021GRAB-08 (3244220)	<0.2	4.39	16	<5	12	0.6	<1	0.74	<0.5	10	30.0	130	113	8.26
ES-2021GRAB-09 (3244221)	<0.2	1.88	4	<5	58	1.1	<1	1.26	<0.5	35	28.0	71.3	79.5	8.37
ES-2021GRAB-10 (3244222)	0.4	0.34	29	<5	30	<0.5	3	0.04	<0.5	25	23.0	141	37.2	2.11
ES-2021GRAB-11 (3244223)	<0.2	1.27	10	<5	42	<0.5	<1	3.82	<0.5	10	20.2	74.5	34.0	2.58
ES-2021GRAB-13 (3244224)	2.3	0.43	<1	<5	7	<0.5	<1	7.46	<0.5	14	5.6	111	26500	3.31
ES-2021GRAB-14 (3244225)	<0.2	3.17	15	<5	4	<0.5	<1	0.27	<0.5	2	33.5	108	245	10.4
OD-2021GRAB-01 (3244226)	<0.2	1.02	3	<5	14	<0.5	<1	1.37	<0.5	25	8.7	92.4	30.2	2.63
OD-2021GRAB-02 (3244227)	<0.2	1.59	28	<5	34	<0.5	<1	0.32	<0.5	26	38.3	88.4	163	7.59
OD-2021GRAB-03 (3244228)	0.4	1.79	13	<5	15	<0.5	<1	0.28	<0.5	16	35.2	63.7	269	8.74

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
ES-2021GRAB-01 (3244214)	19	<1	<1	<0.01	5	15	2.79	727	<0.5	0.03	67.3	251	13.0	<10
ES-2021GRAB-02 (3244215)	16	<1	<1	<0.01	3	12	1.47	612	<0.5	0.02	21.0	146	20.3	<10
ES-2021GRAB-04 (3244216)	<5	<1	<1	<0.01	20	<1	0.10	1470	<0.5	<0.01	<0.5	28	18.8	<10
ES-2021GRAB-05 (3244217)	<5	<1	<1	<0.01	<1	2	0.27	160	<0.5	0.02	9.2	31	17.8	<10
ES-2021GRAB-06 (3244218)	23	<1	<1	<0.01	<1	28	4.67	920	<0.5	0.03	131	207	6.9	<10
ES-2021GRAB-07 (3244219)	22	<1	<1	0.38	26	15	1.43	740	<0.5	0.09	27.1	3330	6.8	<10
ES-2021GRAB-08 (3244220)	27	<1	<1	0.01	2	33	3.79	1230	<0.5	0.05	57.1	629	1.8	<10
ES-2021GRAB-09 (3244221)	23	<1	<1	0.10	14	10	0.95	597	<0.5	0.09	25.0	1960	7.7	<10
ES-2021GRAB-10 (3244222)	<5	<1	<1	0.13	13	1	0.18	17	1.3	0.04	10.2	70	28.7	<10
ES-2021GRAB-11 (3244223)	11	<1	<1	0.17	5	12	0.66	536	<0.5	0.04	41.0	435	3.8	<10
ES-2021GRAB-13 (3244224)	9	<1	<1	<0.01	5	2	0.43	537	<0.5	0.04	8.6	450	42.3	<10
ES-2021GRAB-14 (3244225)	20	<1	<1	<0.01	<1	24	3.37	1140	<0.5	0.02	53.0	183	6.9	<10
OD-2021GRAB-01 (3244226)	10	<1	<1	0.06	11	7	0.65	342	<0.5	0.04	13.6	342	5.9	<10
OD-2021GRAB-02 (3244227)	14	<1	<1	0.24	10	12	0.76	568	<0.5	<0.01	56.8	873	15.7	<10
OD-2021GRAB-03 (3244228)	20	<1	<1	0.10	5	15	1.17	699	<0.5	<0.01	58.9	424	71.0	<10

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PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
ES-2021GRAB-01 (3244214)	0.76	3	18.3	<10	<5	29.6	<10	<10	<5	0.03	<5	<5	164	<1
ES-2021GRAB-02 (3244215)	1.25	3	10.3	<10	<5	23.0	<10	<10	<5	<0.01	<5	<5	94.5	<1
ES-2021GRAB-04 (3244216)	1.33	1	27.5	<10	<5	147	<10	<10	<5	<0.01	<5	<5	2.9	<1
ES-2021GRAB-05 (3244217)	0.67	1	3.1	<10	<5	9.4	<10	<10	<5	<0.01	<5	<5	12.7	<1
ES-2021GRAB-06 (3244218)	0.43	<1	16.1	<10	<5	7.5	<10	<10	<5	0.12	<5	5	170	<1
ES-2021GRAB-07 (3244219)	0.02	<1	6.6	<10	<5	42.0	<10	<10	<5	0.52	<5	6	169	<1
ES-2021GRAB-08 (3244220)	0.10	<1	29.1	<10	<5	4.3	<10	<10	<5	0.20	<5	<5	164	1
ES-2021GRAB-09 (3244221)	0.19	<1	9.4	<10	<5	16.4	<10	<10	<5	0.52	<5	8	294	<1
ES-2021GRAB-10 (3244222)	1.76	<1	2.2	<10	<5	4.1	<10	<10	<5	<0.01	<5	<5	5.7	<1
ES-2021GRAB-11 (3244223)	0.52	<1	4.4	<10	<5	19.7	<10	<10	<5	<0.01	<5	<5	22.7	<1
ES-2021GRAB-13 (3244224)	1.77	3	11.5	<10	<5	33.2	<10	<10	<5	0.01	<5	<5	45.3	<1
ES-2021GRAB-14 (3244225)	4.68	<1	3.6	<10	<5	1.8	<10	<10	<5	0.19	<5	6	85.8	1
OD-2021GRAB-01 (3244226)	1.00	<1	3.2	<10	<5	6.4	<10	<10	<5	0.03	<5	<5	13.6	<1
OD-2021GRAB-02 (3244227)	5.13	<1	3.7	<10	<5	4.8	<10	<10	<5	0.12	<5	5	31.7	<1
OD-2021GRAB-03 (3244228)	6.52	1	3.9	<10	<5	2.3	<10	<10	<5	0.05	<5	5	30.6	<1

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
ES-2021GRAB-01 (3244214)	26	28.5	9
ES-2021GRAB-02 (3244215)	18	25.5	<5
ES-2021GRAB-04 (3244216)	167	1.5	<5
ES-2021GRAB-05 (3244217)	10	6.4	<5
ES-2021GRAB-06 (3244218)	10	69.9	<5
ES-2021GRAB-07 (3244219)	26	105	33
ES-2021GRAB-08 (3244220)	19	91.7	6
ES-2021GRAB-09 (3244221)	26	99.7	47
ES-2021GRAB-10 (3244222)	3	1.5	21
ES-2021GRAB-11 (3244223)	4	24.8	12
ES-2021GRAB-13 (3244224)	26	5.4	8
ES-2021GRAB-14 (3244225)	4	105	6
OD-2021GRAB-01 (3244226)	6	47.2	21
OD-2021GRAB-02 (3244227)	6	158	16
OD-2021GRAB-03 (3244228)	5	475	14

Comments: RDL - Reported Detection Limit

3244221 Rejects were IS. As per client instructions, pulp samples were analyzed for this sample.

3244225 Rejects were IS. As per client instructions, pulp samples were analyzed for this sample.

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

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Au	Pd	Pt
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.001	0.001	0.005
ES-2021GRAB-01 (3244214)	0.342	0.008	<0.005
ES-2021GRAB-02 (3244215)	0.023	<0.001	<0.005
ES-2021GRAB-04 (3244216)	0.006	<0.001	<0.005
ES-2021GRAB-05 (3244217)	0.032	<0.001	<0.005
ES-2021GRAB-06 (3244218)	0.004	0.008	<0.005
ES-2021GRAB-09 (3244221)	0.003	<0.001	<0.005
ES-2021GRAB-10 (3244222)	0.116	<0.001	<0.005
ES-2021GRAB-11 (3244223)	0.005	0.002	<0.005
ES-2021GRAB-13 (3244224)	0.031	0.002	<0.005
ES-2021GRAB-14 (3244225)	0.007	0.011	<0.005
OD-2021GRAB-01 (3244226)	0.004	<0.001	<0.005
OD-2021GRAB-02 (3244227)	0.047	<0.001	<0.005
OD-2021GRAB-03 (3244228)	0.019	<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:

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish - 2nd Cut

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Au	Pd	Pt
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.001	0.001	0.005
ES-2021GRAB-01 (3244214)	0.486	0.011	0.017
ES-2021GRAB-02 (3244215)	0.031	<0.001	<0.005
ES-2021GRAB-04 (3244216)	0.007	<0.001	<0.005
ES-2021GRAB-05 (3244217)	0.010	<0.001	<0.005
ES-2021GRAB-06 (3244218)	0.005	<0.001	<0.005
ES-2021GRAB-07 (3244219)	<0.001	<0.001	<0.005
ES-2021GRAB-08 (3244220)	0.018	<0.001	<0.005
ES-2021GRAB-09 (3244221)	0.004	<0.001	<0.005
ES-2021GRAB-10 (3244222)	0.132	<0.001	<0.005
ES-2021GRAB-11 (3244223)	0.006	0.001	<0.005
ES-2021GRAB-13 (3244224)	0.032	0.002	<0.005
ES-2021GRAB-14 (3244225)	0.009	0.014	0.009
OD-2021GRAB-01 (3244226)	0.005	<0.001	<0.005
OD-2021GRAB-02 (3244227)	0.055	<0.001	<0.005
OD-2021GRAB-03 (3244228)	0.019	<0.001	<0.005

Comments: RDL - Reported Detection Limit

3244221 Rejects were IS. As per client instructions, pulp samples were analyzed for this sample.

3244225 Rejects were IS. As per client instructions, pulp samples were analyzed for this sample.

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

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

Sieving - % Passing (Crushing)

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
ES-2021GRAB-01 (3244214)	83.07

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:

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Nov 23, 2021 | DATE RECEIVED: Nov 23, 2021 | DATE REPORTED: Apr 08, 2022 | SAMPLE TYPE: Rock

Analyte:	Pul-Pass %	Pul-Pass %
Unit:	%	%
Sample ID (AGAT ID) RDL:	0.01	0.01
ES-2021GRAB-01 (3244214)	85.48	87.78

Comments: RDL - Reported Detection Limit

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

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3244215	0.7	0.8	19.9%	3244228	0.6	0.6	11.4%										
Al	3244215	1.54	1.55	0.2%	3244228	1.78	1.73	2.6%										
As	3244215	11	9	20.3%	3244228	12	7	58.4%										
B	3244215	<5	<5	0%	3244228	<5	<5	0%										
Ba	3244215	5	5	0.4%	3244228	13	13	2.2%										
Be	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%										
Bi	3244215	<1	<1	0%	3244228	<1	<1	0%										
Ca	3244215	5.13	4.64	10%	3244228	0.26	0.25	3.2%										
Cd	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%										
Ce	3244215	10	11	0.7%	3244228	15	15	1.5%										
Co	3244215	17.3	18.4	6.5%	3244228	35.4	36.1	2.1%										
Cr	3244215	96.7	97.6	0.9%	3244228	71.5	71.5	0%										
Cu	3244215	12900	13300	3%	3244228	259	251	2.9%										
Fe	3244215	4.02	3.98	0.8%	3244228	8.78	8.51	3.1%										
Ga	3244215	18	19	7.3%	3244228	19	19	1.8%										
Hg	3244215	<1	<1	0%	3244228	<1	<1	0%										
In	3244215	<1	<1	0%	3244228	<1	<1	0%										
K	3244215	<0.01	<0.01	0%	3244228	0.09	0.09	1.2%										
La	3244215	3	3	9%	3244228	6	6	4%										
Li	3244215	12	11	6.2%	3244228	15	14	3.9%										
Mg	3244215	1.44	1.42	1.3%	3244228	1.16	1.13	2.6%										
Mn	3244215	632	637	0.8%	3244228	679	662	2.4%										
Mo	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%										
Na	3244215	0.02	0.02	4.9%	3244228	<0.01	<0.01	0%										
Ni	3244215	20.1	20.1	0.1%	3244228	56.1	57.0	1.7%										
P	3244215	150	150	0%	3244228	453	451	0.5%										
Pb	3244215	16.3	13.8	17.1%	3244228	61.4	63.6	3.5%										
Rb	3244215	<10	<10	0%	3244228	<10	<10	0%										
S	3244215	1.35	1.40	3.2%	3244228	6.66	6.51	2.4%										
Sb	3244215	2	<1	114.6%	3244228	3	2	35.4%										
Sc	3244215	10.3	10.6	3%	3244228	3.1	3.1	0.8%										

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Se	3244215	<10	<10	0%	3244228	<10	<10	0%								
Sn	3244215	<5	<5	0%	3244228	<5	<5	0%								
Sr	3244215	27.3	23.6	14.4%	3244228	2.0	1.9	4%								
Ta	3244215	<10	<10	0%	3244228	<10	<10	0%								
Te	3244215	<10	<10	0%	3244228	<10	<10	0%								
Th	3244215	<5	<5	0%	3244228	<5	<5	0%								
Ti	3244215	<0.01	<0.01	0%	3244228	0.03	0.02	4.5%								
Tl	3244215	<5	<5	0%	3244228	<5	<5	0%								
U	3244215	<5	<5	0%	3244228	<5	<5	0%								
V	3244215	92.8	95.4	2.7%	3244228	30.9	31.4	1.7%								
W	3244215	<1	<1	0%	3244228	<1	<1	0%								
Y	3244215	19	19	0.8%	3244228	5	5	1.6%								
Zn	3244215	29.1	25.9	11.6%	3244228	487	479	1.7%								
Zr	3244215	<5	<5	0%	3244228	10	11	3.6%								

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	3244215	0.7	0.6	20.1%	3244228	0.4	0.3	19.6%								
Al	3244215	1.59	1.61	1.3%	3244228	1.79	1.89	5.3%								
As	3244215	10	10	4.6%	3244228	13	10	28%								
B	3244215	<5	<5	0%	3244228	<5	<5	0%								
Ba	3244215	4	4	1.7%	3244228	15	15	2.3%								
Be	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%								
Bi	3244215	<1	<1	0%	3244228	<1	<1	0%								
Ca	3244215	4.38	4.31	1.7%	3244228	0.28	0.29	3.5%								
Cd	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%								
Ce	3244215	10	9	1%	3244228	16	15	7%								
Co	3244215	17.8	17.1	3.9%	3244228	35.2	35.8	1.5%								
Cr	3244215	123	125	0.9%	3244228	63.7	63.3	0.6%								
Cu					3244228	269	286	5.8%								
Fe	3244215	3.98	3.94	0.9%	3244228	8.74	9.12	4.3%								
Ga	3244215	16	15	5.6%	3244228	20	19	6%								
Hg	3244215	<1	<1	0%	3244228	<1	<1	0%								
In	3244215	<1	<1	0%	3244228	<1	<1	0%								

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AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

K	3244215	<0.01	<0.01	0%	3244228	0.10	0.10	6.1%								
La	3244215	3	3	12.9%	3244228	5	6	1.7%								
Li	3244215	12	12	2.2%	3244228	15	16	5%								
Mg	3244215	1.47	1.48	1.1%	3244228	1.17	1.24	5.3%								
Mn	3244215	612	604	1.3%	3244228	699	722	3.2%								
Mo	3244215	<0.5	<0.5	0%	3244228	<0.5	<0.5	0%								
Na	3244215	0.02	0.03	11%	3244228	<0.01	<0.01	0%								
Ni	3244215	21.0	21.4	2%	3244228	58.9	59.1	0.2%								
P	3244215	146	150	2.9%	3244228	424	426	0.4%								
Pb	3244215	20.3	19.1	6.3%	3244228	71.0	71.0	0%								
Rb	3244215	<10	<10	0%	3244228	<10	<10	0%								
S	3244215	1.25	1.23	1.6%	3244228	6.52	6.94	6.2%								
Sb	3244215	3	<1	115.7%	3244228	1	<1	0%								
Sc	3244215	10.3	10.2	0.7%	3244228	3.9	3.9	0.9%								
Se	3244215	<10	<10	0%	3244228	<10	<10	0%								
Sn	3244215	<5	<5	0%	3244228	<5	<5	0%								
Sr	3244215	23.0	22.9	0.6%	3244228	2.3	2.3	3.4%								
Ta	3244215	<10	<10	0%	3244228	<10	<10	0%								
Te	3244215	<10	<10	0%	3244228	<10	<10	0%								
Th	3244215	<5	<5	0%	3244228	<5	<5	0%								
Ti	3244215	<0.01	0.01	0%	3244228	0.05	0.05	2.1%								
Tl	3244215	<5	<5	0%	3244228	<5	<5	0%								
U	3244215	<5	<5	0%	3244228	5	5	0.6%								
V	3244215	94.5	95.3	0.9%	3244228	30.6	30.7	0.4%								
W	3244215	<1	<1	0%	3244228	<1	<1	0%								
Y	3244215	18	17	2.5%	3244228	5	5	0.7%								
Zn	3244215	25.5	26.4	3.6%	3244228	475	504	6%								
Zr	3244215	<5	<5	0%	3244228	14	14	1.4%								

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3244215	0.0227	0.0275	19.1%												
Pd	3244215	< 0.001	< 0.001	0.0%												
Pt	3244215	< 0.005	< 0.005	0.0%												

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: TODD MATHIEU

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish - 2nd Cut

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3244215	0.0310	0.0285	8.4%												
Pd	3244215	< 0.001	< 0.001	0.0%												
Pt	3244215	< 0.005	< 0.005	0.0%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21T834129

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CLIENT NAME: MISC AGAT CLIENT ON

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(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.ME-1206)				CRM #2 (ref.ME-1308)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	274.0	285	104%	80% - 120%	45.7	47.0	103%	80% - 120%
Cu	7900.0	8020	102%	80% - 120%	3980.0	3980	100%	80% - 120%
Pb	8010.0	7340	92%	80% - 120%	5410.0	5310	98%	80% - 120%
Zn	23800.0	19600	82%	80% - 120%	4290.0	4260	99%	80% - 120%

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish - Check

	CRM #1 (ref.ME-1308)				CRM #2 (ref.ME-1308)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	45.7	48.5	106%	80% - 120%				
Pb	5410.0	5250	97%	80% - 120%				
Zn	4290.0	4090	95%	80% - 120%				

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish

	CRM #1 (ref.PGMS30)				CRM #2 (ref.ME-1308)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.897	1.897	100%	90% - 110%				
Pd	1.660	1.625	98%	90% - 110%				
Pt	0.223	0.209	94%	90% - 110%				

(202-055) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish - 2nd Cut

	CRM #1 (ref.PGMS30)				CRM #2 (ref.ME-1308)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.897	2.146	113%	90% - 110%				
Pd	1.660	1.746	105%	90% - 110%				
Pt	0.223	0.242	109%	90% - 110%				

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

ATTENTION TO: TODD MATHIEU

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Al	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
As	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
B	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ba	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Be	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Bi	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ca	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Cd	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ce	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Co	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Cr	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Cu	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Fe	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ga	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Hg	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
In	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
K	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
La	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Li	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Mg	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Mn	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Mo	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Na	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ni	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
P	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Pb	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T834129

PROJECT: Esther & Oddur

ATTENTION TO: TODD MATHIEU

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Rb	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
S	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Sb	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Sc	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Se	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Sn	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Sr	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ta	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Te	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Th	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Ti	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Tl	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
U	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
V	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
W	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Y	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Zn	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Zr	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP/OES
Au	MIN-12006, MIN-12004	Bugbee E: Textbook of Fire Assaying	ICP/OES
Pd	MIN-12006, MIN-12004	Bugbee E: Textbook of Fire Assaying	ICP/OES
Pt	MIN-12006, MIN-12004	Bugbee E: Textbook of Fire Assaying	ICP/OES
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE