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2022 Redhat Property Outcrop Mapping

Webb Township of the Kenora District,

Ontario Canada NTS 52F/16

(UTM Nad83 Zone 15)

540430E, 5538253N

Prepared by: Andrew Tims PGeo,

July 28, 2022

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1.0 Summary

During the period of July 26th to 30th 2022, the author completed a 5 day program of outcrop mapping along a series of new logging roads that crossed the RedHat Property. The Red Hat property is located in the western extension of the Cu-Pb-Zn bearing Sturgeon Lake Greenstone in the Wabigoon Subprovince of the Canadian Shield. A greenstone belt that produced six Cu-Pb-Zn deposits totaling of 19 million tonnes of ore with an average of 9% zinc, 1.5% copper, 140 g/tonne silver and 0.5 g/tonne gold.

The property is composed of a single 6-cell claim wholly owned buy the author.

Au mineralization on Redhat property is hosted within a separate and poorly explored felsic-mafic volcanic succession that is coeval in age with the Sturgeon Lake deposits. The intermediate to felsic volcanics cover by the Redhat property has produced 18 m of massive sulphides averaging 1.1 gpt Au from the Buck Showing trench.

The property has extensive glacial till and lake sediment deposits inhibiting traditional exploration practices. The work program was designed to map and prospect outcrop exposures recently exposed by logging operations in the area. The historical trench that hosts the Buck Showing massive sulphides was located and sampled. The adjacent VTEM conductor could not be explained due to a lack of outcrop.

Resampling of the Buck Showing trench yielded gold assays of 1,930 ppb and 475 ppb from chip samples along the exposed mineralization. The majority is submerged under water in the northern most portion of the swamp. Sampling of the interflow chert horizons only produced weakly elevated gold values. A surprise result was produced from a chlorite altered tuff in the north of the property. This 990 ppb gold assay will require follow-up work in addition to cleaning out the overgrown Buck Showing and attempting the extend the sulphide horizon.

2.0 Introduction

This report presents and summarizes the results of outcrop mapping and sampling on the Redhat property. The work was undertaken by the author. Recent forestry operations added excellent access to the property as well as revealing newly exposed outcrops. A soil orientation survey was completed over a VTEM conductor. Those result will be reported in a separate report.

3.0 Property Description and Location

The Redhat property is located in McIlraith Township approximately 80 km west-southwest of Sioux Lookout, Ontario (Figure 1), in the Patricia Mining Division. The approximate UTM co-ordinates for the centre of the property is 540430m E, 5538253m N (NAD83 Zone 15) on NTS map sheets 52F/F16.

Road access to the property is provided by the -, a gravel logging road leading from Highway #72. The logging road originates 37 kilometres southwest of Sioux Lookout towards Dinorwic. Recent logging activity has created 4x4 truck access across the property in an east-west direction between Ghost Lake Road and Kathlyn/Goodie Lake road just north of Redhat Lake.

There are no known environmental liabilities or public hazards associated with the propertyt. The topography of the property has low relief with a rolling surface and elevations ranging from 370 metres to 440 metres above sea level. The terrain consists of low-lying areas covered by glacial clay and sand (originally formed by an arm of Lake Agassiz) and minor outcropping ridges of the felsic units (Bottrill, 1979a). It was originally heavily wooded with spruce, jackpine, birch and popular, but a significant amount of forest had been removed with only birch wood remain. The property has an active MNDM exploration permit: PR-20-000026

4.0 Claims and Ownership

The Property is composed of a single 6-cell claim covering a total of 124.2 hectares and lies within McIlraith Township of the Patricia (PA) Mining Division with Andrew Tims as the claim holder.

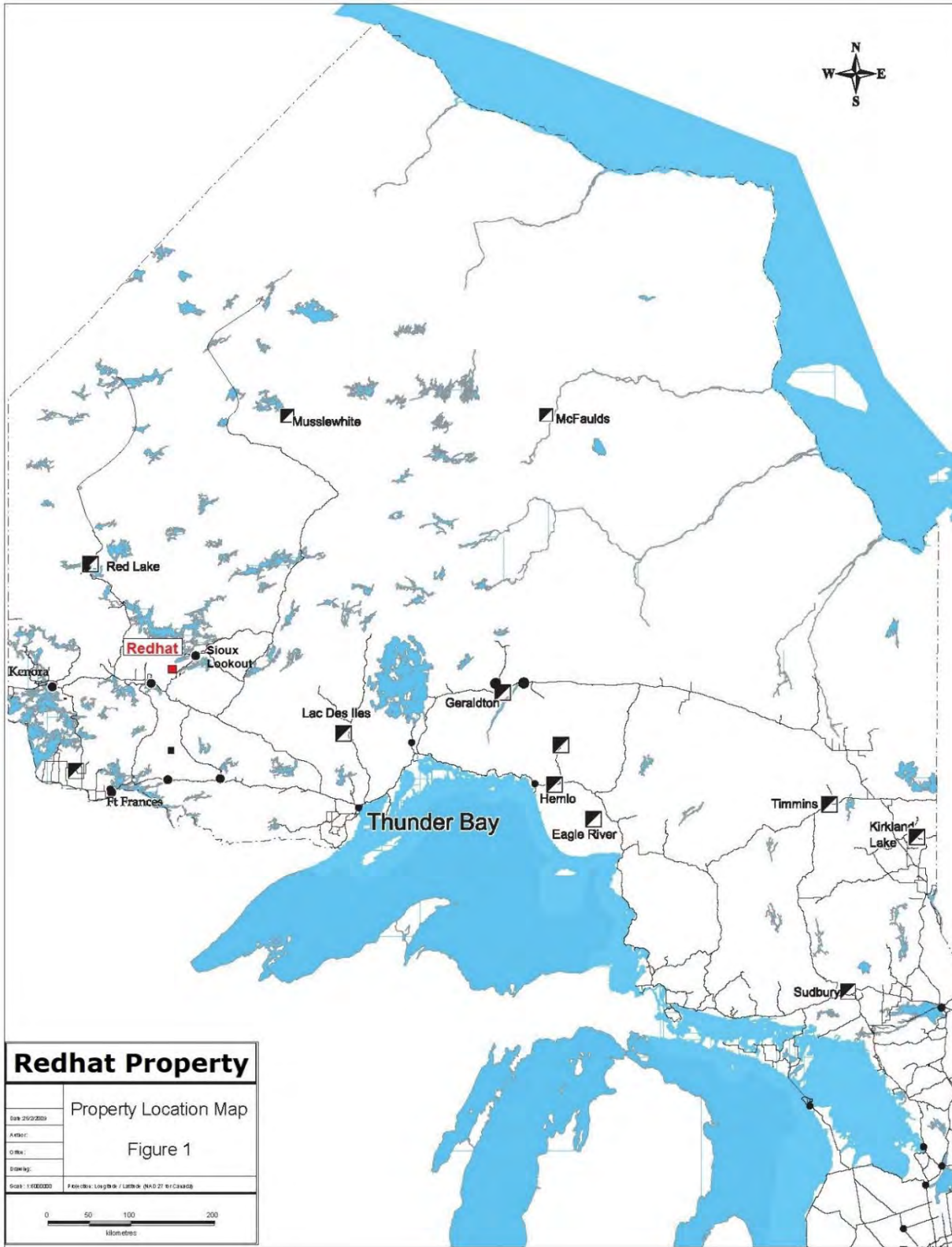


Figure 1 Location of the Redhat Property in the Kenora District

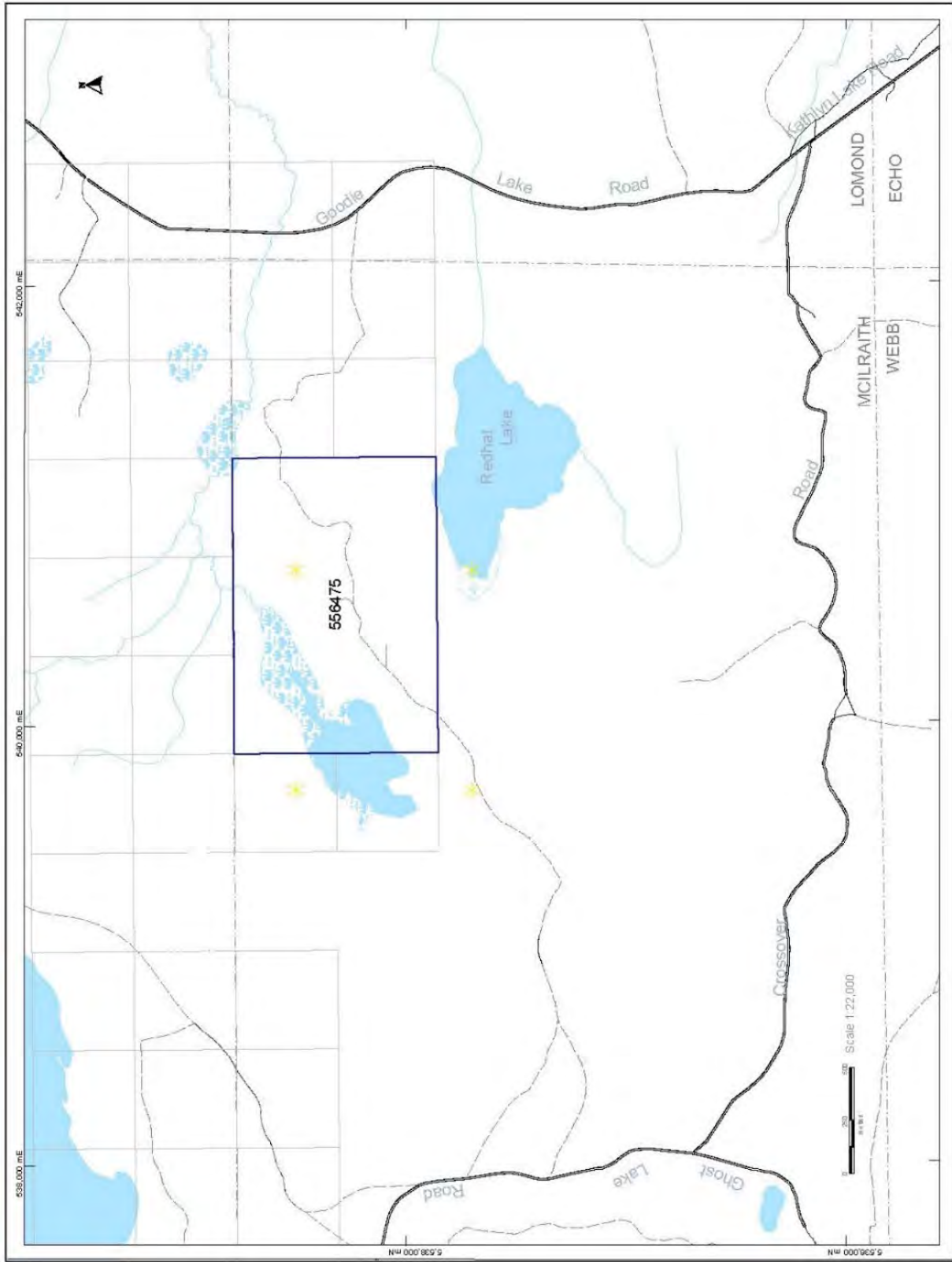


Figure 2 Redhat Claim Map

Tenure ID	Township	Tenure Type	Anniversary Date	Status	Percentage	Work Required	Work Applied	Total Reserve
556475	MCILRAITH	Multi-cell Claim	2022-08-25	Active	100	2400	0	0

Table 1 Redhat Claim. (ENDM, July 28, 2022)

5.0 History

1979: Selco Mining Corporation magnetic and Max-Min survey over the west end of the current property following up with two drill holes totaling 177 m testing 1777 Hz conductors.

1987: Government Airborne Electromagnetic and Total Intensity Magnetic surveys.

2009: Abitibi Mining Corp completed a trenching program on the Centrefire and Redhat properties. Numerous copper/ gold showings were samples on Centrefire. A single trench on Redhat uncovered an 18 m wide interval of weakly bedded and brecciated massive Py averaging 1.1 g/t Au over its entire length.

2010: Abitibi Mining Corp contracted Geotech Limited to complete a 710 km VTEM survey over a large are that included the Redhat property.

2011: Abitibi Mining Corp completed 3 drillholes for 555 m.

6.0 Geology

6.1 Regional Geology

The property is located in the Sioux Lookout area of the Savant Lake - Crow Lake metavolcanic-metasedimentary belt which is part of the western Wabigoon Subprovince. The western Wabigoon region (WWR), volcanic rocks comprised of sequences of ultramafic (komatiites) to mafic (tholeiitic) to felsic rocks (mostly calc-alkaline). The WWR has been subdivided into five principal assemblages: The Northern Volcanic Belt, Northern Sedimentary Group (Abram Group), Central

Volcanic Belt (Neepawa Group), Southern Sedimentary Group (Minnitaki Group), and the Southern Volcanic Belt.



Photo 1 Typical overburden cover in west end of property.



Photo 2 Clearcut and condition of access trail



Photo 3 lapilli-stone to a tuff-breccia with sulphide clasts

The property lies within the Northern Volcanic rocks of the Abram Lake assemblage, dated at between 2.73 Ga and 2.80 Ga (Blackburn et al, 1992) just 3.5 km south of the bou

6.2

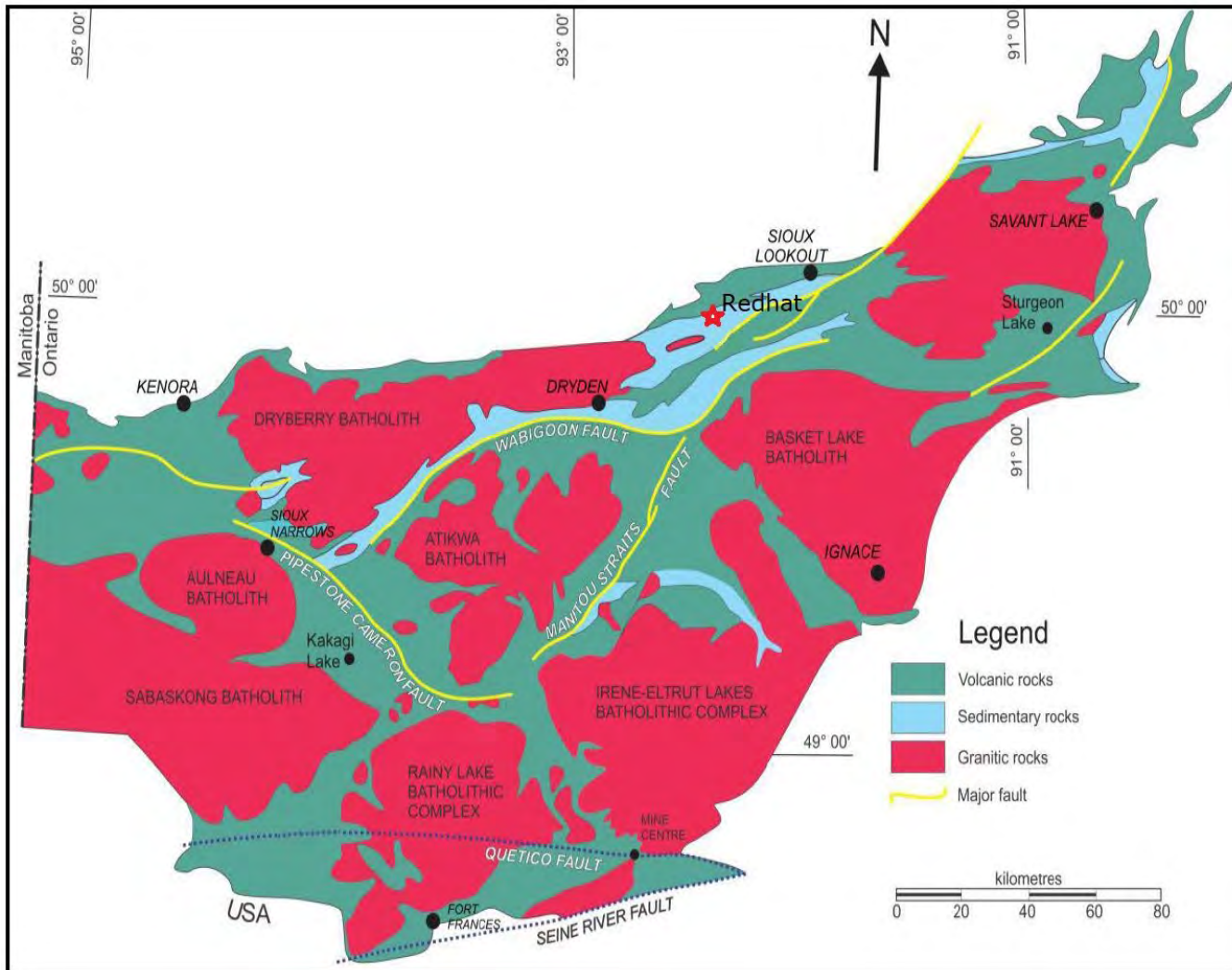


Figure 3 Regional Geological Setting

Property Geology

Surficial geological consists of and extensive basal moraine cover that is locally reworked. Near the tops of topographic high points the moraine gives way to well sorted beach gravels with topographic lows filled in with glaciolacustrine silty clay deposits. Glacial cover is complete in the west end of the property thinning to the east allowing outcrop mapping by the middle of the property.

Bedrock geology is controlled by an overturned, westerly plunging east-west syncline composed of intermediate to felsic volcanics. Historical work has encountered a succession of quartz-phyric flows and tuffs with rare chert-pyrite interflow sediments. The felsic-mafic volcanic succession that is coeval in age with the Sturgeon Lake deposits.

7.0 Work Program

During the month of August 2022, a field mapping and prospecting program was initiated on the Redhat property. The goals of the project were to explain the VTEM magnetic and conductor anomaly and locate the massive sulphides in a trench completed by Abitibi Mining in 2009. This work was carried out by Andrew Tims during the period of July 26th to 30th, 2022.

The property was accessed from east to west by a newly constructed forestry access road. Traverses were pre-determined the day before using satellite imagery and compiled historic data. Many new outcrops were exposed due the road construction and forestry equipment activities, which helped to better observe the geology of the property (Photo x; Photo x).

Geotools were used where necessary to strip moss from outcrop and hammer and chisel to collect grab samples. Field observations were made and recorded in field a rugged tablet.

From geophysical interpretation (Figure x), lithologic contacts on the property were expected to trend approximately east-west necessitating north-south traverses. A total of 4 days were spent mapping and prospecting on the property. A total of 5 samples were gathered and sent for geochemical analysis using a 30 g Au Fire Assay with an Atomic Absorption finish and a Gravimetric re-assay for assays greater than 10 g. Samples were also analyzed using a 38 multi-element ICP- analysis. These samples were submitted to Actlab Laboratories in Thunder Bay, Ontario. See Appendix X for analytical certificates.



Figure 4 Redhat Property Geology.

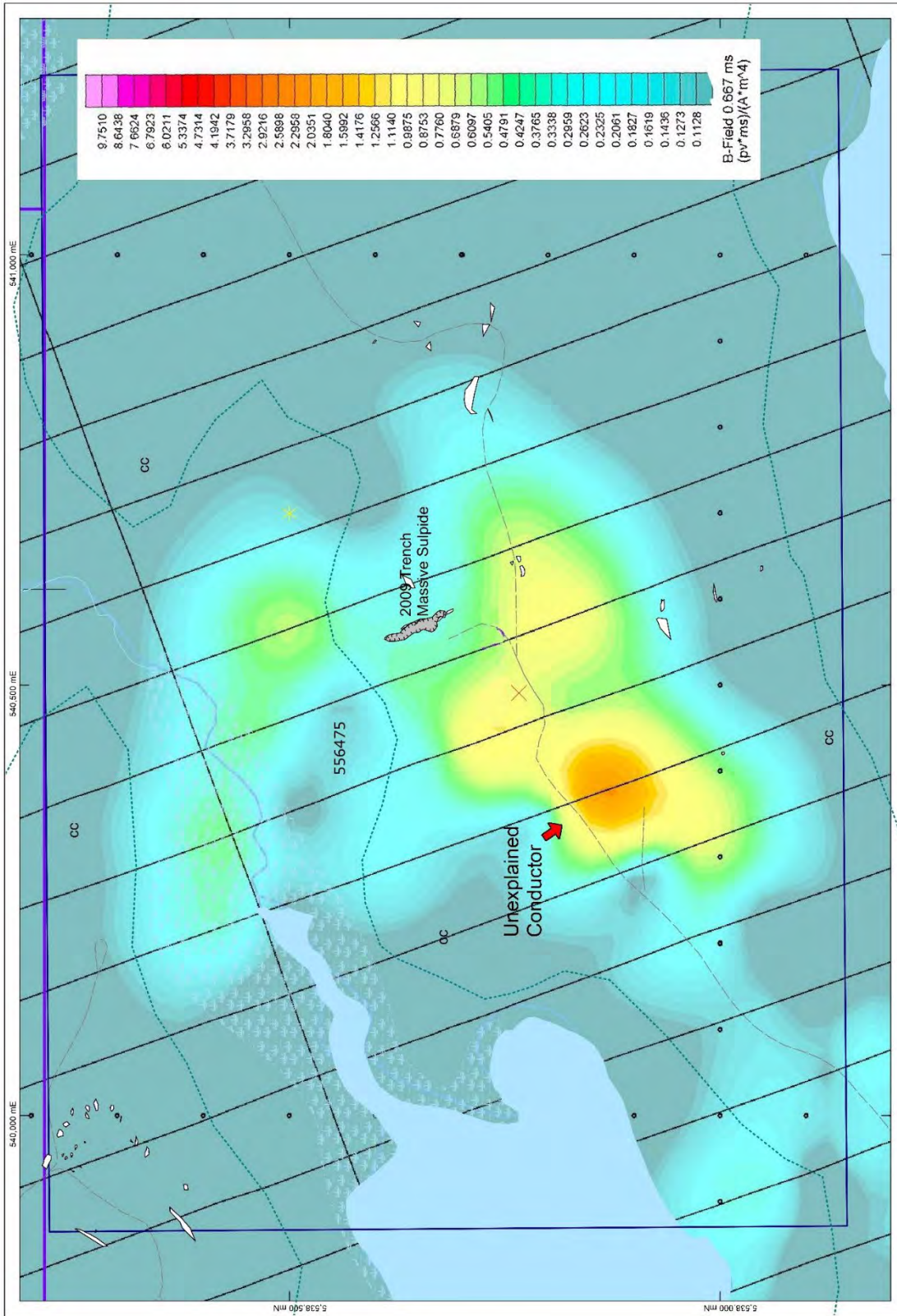


Figure 5. Location target conductor and gold bearing sulphides

Based on geophysical interpretation (Figure 5), the structural trend across the property is generally east- to west striking. This is manifested in outcrop by a regional penetrative foliation between 250° to 275° with a steep dip to the north between 65° and 82°. Geophysical interpretation identified various faults across the property (Figure 5), but, due primarily to the paucity of outcrop, were not identified in outcrop.

Veins across the property are rare, composed of saccharoidal quartz ± feldspar ± tourmaline cross-cutting the foliation at a near perpendicular angle and are rarely folded. They are typically mm – cm in scale, very rarely greater than 2 cm in width. They carry trace sulphides, and sometimes do not have an alteration halo.

Bedrock lithologies encountered in the mapping program consist of flows and tuffs of intermediate to felsic composite with interflow cherty horizons. Below are descriptions of the major lithologies observed:

Dacite Flow: Dacite-rhyolite flows are a minor unit. They consist of massive to auto-brecciated quartz-feldspar phyric units 20-35 m wide. The flows contain 10-15% euhedral grey to blue-grey quartz phenocrysts 2-4 mm in diameter plus equant (1-2 mm) plagioclase phenocrysts set in a fine-grained matrix of quartz and feldspar with trace biotite. Where an auto-brecciated fabric is present the matrix tuffaceous matrix is only marginally more sericitic.

Dacite Tuff Breccia: This unit is the dominant rock type across the property. It was noted to locally grade into a lapilli-stone or a lapilli-tuff over 20-30 m. This unit is composed primarily of dacitic blocks locally with 1-5% felsic or cherty lapilli/blocks.

Dacitic Lapilli Stone: This unit is observed in close proximity to the flow units and in one location it was noted as 40 cm thick carapace to a massive flow. The unit is typically monolithic with tightly packed 50-80% lapilli. The matrix tends to be chlorite altered rather than the ubiquitous sericite alteration.

Dacitic Lapilli tuff: This rock tends to be heterolithic locally hosting sulphide fragments in addition to chert and granitic clasts. The matrix is a fine-grained composed of quartz and sericite with relic angular feldspar grains. Chlorite alteration of the matrix is weak and irregular.



Photo 4 A QFP flow on the right with a chlorite altered lapilli -stone carapace.



Photo 5 Historical channel sample in sulphides located in 2009 Abitibi Mining trench

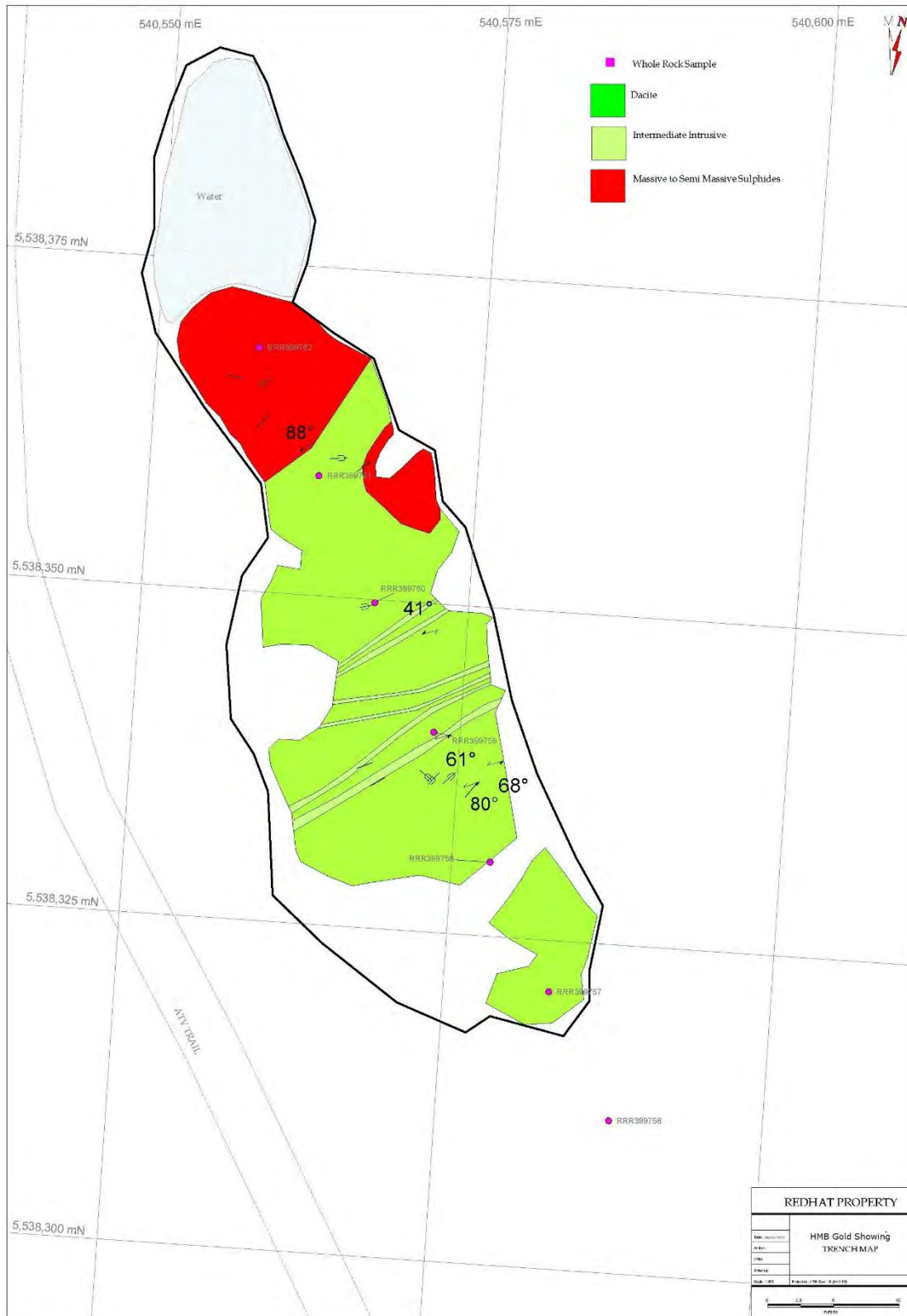


Figure 6. Geology of Historical Abitibi Mining trench

Chert: This unit was only observed one location on the property between two tuff beds., It is very fine grained to aphanitic, thinly laminated, non- magnetic, highly siliceous and very hard. The unit is host to an 4-5% millimetre-scale (mms) pygmatic quartz veinlets that are restrict to the chert unit. The unit also host up to 2% very fine-grained pyrite. Lapilli size clasts of chert (some with well developed bedding) where noted in other pyroclastics.

Massive Sulphide: Massive sulphides occurred in a historical trench completed by Abitibi Mining in 2009. The occurrence consisted of massive to weakly laminated fine-grained pyrite in the northern end of the trench.

Intermediate Intrusive: This unit is characterized by a fine grained quartz-feldspar-biotite groundmass. Slightly more resistive than the surrounding dacite host and ant an acute angle to the foliation.

Lamprophyre Dyke: This unit is observed in the northern portion of the property. The dyke was in sharp contrast to quartz-feldspar porphyry and slightly recessive with a mms chill margin. It was massive, dark green to black, fine to medium with a weak porphyritic texture due to biotite crystals approaching 3 mm in length.

7.1 Work log

July 26, 2022

Travel from Thunder Bay to the Sioux Inn and Suites in Sioux Lookout.

July 27, 2022

Sunny, windy averaging 24°C. Mapped out the forestry road network through the property. Began mapping outcrops in the eastern side of the property. Took sample of a 2 cm wide crosscutting quartz vein with trace Py (18951) in a dacitic tuff breccia. Took a sample 18952 of a cherty horizon hosting 1-2% very fine-grain Py. Discovered undated channel sample sites in chert horizon.



Photo 6. Typical lapilli-tuff



Photo 7. Massive QFP flow in north portion of property

July 28, 2022

Sun/cloud, windy averaging 26°C. Completed mapping of all road side outcrop. Undertook traverses over the VTEM magnetic and conductor targets. No outcrop located over either target. **Attempted to locate 2011 drill core stored on property. All four cross-piled holes have been bladed over and covered by wood chipping operations. They were in plain site and easily recognizable in 2014.** Located Busk Showing trench. Mapped trench and took two grab samples (18953 & 18954) for assay of sulphide interval. Mapped out access to northern side of the property.

July 29, 2022

Windy, clouding over and severe thunder storms, 28°C. A second traverse over the VTEM magnetic anomaly and to the south towards Redhat Lake. Sampled a large sub-cropping boulder of chlorite altered tuff with trace Py (18955). As bulk of the property is clearcut and a topographic high the work day was cut short by a thunder storm.

July 30, 2022

Sunny, clear, 28°C. Accessed the northwest corner of the property via the Hudson Cutoff Road. Numerous outcrops of quartz-felspar porphyritic flow grading southward from tuff breccia to lapilli tuff. One sample taken for assay along an ankeritized shear (18956). Departed property and returned to Thunder Bay.

Sample #	UTM_East	UTM_North	Elevation	Waypoint	AU_PPB
18951	540896	5538394	371	0131	108
18952	540630	5538231	390	0132	33
18953	540604	5538368	390	0133	475
18954	540568	5538363	317	0134	1930
18955	540491	5538233	371	0135	83
18956	540026	5538708	392	0136	990

Table 2. Gold assay results

8.0 Conclusions and Recommendations

The Redhat property is host to dacitic volcanic center with periodic quiet periods expressed as chert horizons. These horizons are targets for the deposition of massive sulphides. One gold rich sulphide rich horizon has been uncovered to date yielding an 18 m interval of 1.1 g/t (Tims 2011).

Further testing of the Redhat property should include: soil sampling over the till covered VTEM conductor, expanding upon the 2009 trench to gain additional structural data, systematic whole rock sampling to identify any VMS related alteration envelopes, if the soil sample results warrant it some additional trenching over the VTEM conductor to determine the nature of the conductivity and finally 2,000 m of diamond drill testing. A budget of \$618,00 for the proposed work is outlines below.

8.1 Proposed Budget

Phase	Work	Amount	Item Cost	Amount
Phase one	Humus, B-Horizon, MMI	90 samples	160	\$14,400
Phase Two	Whole Rock Analysis	50 Samples	65	\$3,250
Phase Three	Trenching	8 days	5000	\$40,000
Phase Four	Drill Testing	2000 m	280	\$560,000
			Total	\$617,650

Table 3. Proposed Budget.

9.0 References

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- Tims, A; 2011. Diamond Drilling Assessment Report on the Centrefire and Red Hat Properties, McIlraith, Lomond and Webb Townships, Patricia Mining District, 15 p., MNDM AFRI 20000006774.
- Turner, CC and RG Walker; 1973 Sedimentology, Stratigraphy and Crustal Evolution of the Archean Greenstone Belt near Sioux Lookout, Ontario, pp 817- 845, Can. J. Earth Sci., v.10, no.6.

10.0 Certificate of Qualified Person

I, Andrew Tims, P.Geo., residing in Thunder Bay, Ontario do hereby certify that;

1. I am an independent consulting geologist since 2013
2. This certificate applies to the technical report entitled “2022 Redhat Property Outcrop Mapping
3. Webb Township of the Kenora District, Ontario Canada NTS 52F/16, dated January 19, 2023 and am the principal author and responsible for all sections of this report.
4. I am a graduate of Carleton University, 1989 in geology and have been practicing continuously as a professional since graduation.
5. I am in good standing as a registered member of the Association of Professional Geoscientists of Ontario, the Association of Professional Engineers and Geoscientists of the Province of Manitoba and Ordre des géologues du Québec.
6. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI-43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
7. As of the date of this certificate and the effective date of the Assessment Report, to the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
8. I have read NI 43-101 and Form 43-101FI. The Assessment Report has been prepared in compliance therewith.
9. I consent to the filing of the Assessment Report into the governments geoscience database for public review.

Dated at Thunder Bay, this 28th day of November, 2022

{SIGNED AND SEALED}

Andrew Tims, P.Ge. Ontario Reg. No. 0274

317 Sillesdale Cr, Thunder Bay, Ontario P7C 1S7 Phone (807) 358-6836

11.0 Glossary of Terms

AEM -----Airborne Electromagnetic	Na----- sodium
Ag----- Silver	Na ₂ O-----sodium Oxide
Al----- aluminum	NAD 83-----North American Datum of 1983 northeast
Al ₂ O ₃ -----aluminum	NI-----National Instrument
As -----Arsenic	Ni----- nickel
Au----- gold	NSR-----Net Smelter Return
Ba -----barium	NTS-----National Topographic System
Be -----beryllium	OGS-----Ontario Geological Survey
Bi----- bismuth	P----- phosphorous
C----- carbon	PGE-----Platinum Group Elements
Ca -----calcium	P ₂ O ₅ -----phosphorous oxide
CaO-----calcium oxide	Pb----- lead
Cd----- cadmium	Pd ----- palladium
Co----- cobalt	pH-----measurement of acidity
CO ₂ -----carbon dioxide	Pt----- platinum
Cr -----chromium	QA/QC-----Quality Assurance/Quality Control
Cr ₂ O ₃ -----chromium oxide Cu---- copper	S----- south
DDH-----diamond drill hole	Sul -----sulphides
DW-----drilled width	Sb -----antimony
E----- East	SE -----southeast
EM -----electromagnetic	Se -----selenium
Fe -----iron	SiO ₂ -----silicon dioxide
Fe ₂ O ₃ -----iron oxide-ferric-oxide, hematite)	Sn -----tin
Fe ₃ O ₄ -----iron oxide-Ferrous oxide, magnetite HLEM-----horizontal loop electromagnetic	SO ₂ -----sulphur dioxide
IP-----induced polarization	Sr----- strontium
K----- potassium	Sum----- summation
K ₂ O-----potassium oxide	SW ----- southwest
Li -----lithium	Ti -----titanium
LOI-----loss on ignition (total water)	TiO ₂ -----titanium oxide
Mg----- magnesium	Th -----thallium
Mo----- molybdenum	TW-----true width
Mt-----million tonne	U -----uranium
N -----North	U ₃ O ₈ -----uranium oxide
NW -----northwest	UTM-----Universal Transverse Mercator
	W -----west
	Y----- yttrium
	Zn -----zinc

Appendix 1. Outcrop Geology Map 1:2500

Appendix 2. Assay Certificates



Report No.: A22-10794
Report Date: 13-Sep-22
Date Submitted: 02-Aug-22
Your Reference: Red Hat

Northern Mineral Exploration
317
Sillesdale Cres
Thunder Bay ON P7C1S7
Canada

ATTN: Andrew Tims

CERTIFICATE OF ANALYSIS

30 Humus samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
2A-15g	GOP INAAGEO (Humus INAA)	2022-09-08 12:47:49

REPORT **A22-10794**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:



LabID: 266

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Rob Hoffman
Region Manager

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
RHH01	73	< 2	< 1	200	5	< 0.5	18	44	0.9	1.71	< 0.5	< 0.5	< 5	< 0.5	10200	< 10	30	0.2	6.3	< 2	< 100	< 0.5	1.6
RHH02	11	< 2	< 1	300	7	< 0.5	16	35	1.2	1.39	1.5	< 0.5	< 5	< 0.5	9500	< 10	30	0.1	4.9	< 2	< 100	< 0.5	1.6
RHH03	< 1	< 2	2	400	6	< 0.5	15	27	1.8	1.26	2.0	< 0.5	< 5	< 0.5	12400	< 10	< 20	0.1	4.5	< 2	< 100	< 0.5	2.1
RHH04	< 1	< 2	< 1	600	5	< 0.5	16	50	1.9	1.89	3.4	< 0.5	< 5	< 0.5	20700	< 10	80	0.2	7.4	< 2	1900	< 0.5	4.3
RHH05	< 1	< 2	2	300	5	< 0.5	25	49	2.2	2.32	2.8	< 0.5	< 5	< 0.5	17000	< 10	50	0.2	7.7	< 2	< 100	< 0.5	3.7
RHH06	< 1	< 2	2	300	10	1.8	6	17	1.7	0.57	1.3	< 0.5	< 5	< 0.5	4000	< 10	20	0.4	2.1	< 2	< 100	< 0.5	1.5
RHH07	< 1	< 2	< 1	500	3	< 0.5	15	51	1.8	1.80	< 0.5	< 0.5	< 5	< 0.5	16300	< 10	< 20	0.3	8.0	< 2	< 100	< 0.5	2.6
RHH08	< 1	< 2	4	300	11	2.7	6	16	1.6	0.49	1.2	< 0.5	< 5	< 0.5	2600	< 10	20	0.5	1.8	< 2	< 100	< 0.5	1.2
RHH09	< 1	< 2	2	400	4	< 0.5	15	49	< 0.5	2.00	3.0	< 0.5	< 5	< 0.5	21300	< 10	< 20	< 0.1	7.9	< 2	< 100	< 0.5	3.1
RHH10	28	< 2	2	300	6	< 0.5	5	33	< 0.5	1.24	2.1	< 0.5	< 5	< 0.5	12700	< 10	20	0.5	5.5	< 2	< 100	< 0.5	2.9
RHH11	< 1	< 2	4	200	10	2.7	9	18	2.0	0.65	1.6	< 0.5	< 5	< 0.5	5000	< 10	< 20	0.6	2.4	< 2	< 100	< 0.5	2.0
RHH12	8	< 2	< 1	300	5	< 0.5	10	32	< 0.5	1.31	3.2	< 0.5	< 5	< 0.5	17100	< 10	< 20	0.2	5.8	< 2	< 100	< 0.5	2.8
RHH13	< 1	< 2	2	< 100	12	< 0.5	4	10	1.6	0.33	0.6	< 0.5	< 5	< 0.5	1700	< 10	< 20	0.4	1.1	< 2	< 100	< 0.5	0.9
RHH14	< 1	< 2	6	300	21	< 0.5	21	59	4.0	3.15	< 0.5	< 0.5	< 5	< 0.5	4900	< 10	60	0.6	9.4	< 2	< 100	< 0.5	7.8
RHH15	< 1	< 2	1	200	7	1.5	6	15	< 0.5	0.66	1.6	< 0.5	< 5	< 0.5	5800	< 10	30	0.1	2.4	< 2	< 100	< 0.5	1.7
RHH16	< 1	< 2	5	300	7	< 0.5	13	43	1.5	2.00	2.9	< 0.5	< 5	< 0.5	13500	< 10	50	0.6	9.3	< 2	< 100	< 0.5	2.9
RHH17	< 1	< 2	4	400	6	< 0.5	13	34	< 0.5	1.34	3.2	< 0.5	< 5	< 0.5	14500	< 10	30	0.7	5.0	< 2	< 100	< 0.5	4.4
RHH18	< 1	< 2	1	300	9	< 0.5	7	20	< 0.5	1.01	2.0	< 0.5	< 5	< 0.5	15800	< 10	30	0.2	4.8	< 2	900	< 0.5	2.7
RHH19	< 1	< 2	4	500	7	< 0.5	17	41	1.7	2.09	2.9	< 0.5	< 5	< 0.5	16300	< 10	< 20	0.2	6.6	< 2	< 100	< 0.5	3.9
RHH20	< 1	< 2	6	< 100	24	< 0.5	28	44	2.3	2.10	1.5	< 0.5	< 5	< 0.5	9500	< 10	< 20	1.1	5.9	< 2	< 100	< 0.5	2.1
RHH21	< 1	< 2	< 1	300	10	< 0.5	9	31	< 0.5	1.17	1.8	< 0.5	< 5	< 0.5	12800	< 10	30	< 0.1	4.8	< 2	500	< 0.5	2.2
RHH22	< 1	< 2	< 1	400	4	< 0.5	14	47	1.6	2.18	3.4	< 0.5	< 5	< 0.5	24500	< 10	60	0.4	8.3	< 2	1600	< 0.5	3.8
RHH23	< 1	< 2	< 1	500	5	< 0.5	17	39	< 0.5	1.82	< 0.5	< 0.5	< 5	< 0.5	20100	< 10	70	0.4	6.2	< 2	< 100	< 0.5	4.1
RHH24	< 1	< 2	1	< 100	5	< 0.5	9	31	1.5	1.44	2.7	< 0.5	< 5	< 0.5	17800	< 10	< 20	0.5	6.3	< 2	< 100	< 0.5	3.8
RHH25	< 1	< 2	1	300	13	1.8	5	13	1.3	0.39	< 0.5	< 0.5	< 5	< 0.5	2700	< 10	< 20	0.4	1.3	< 2	< 100	< 0.5	0.9
RHH26	11	< 2	7	400	11	< 0.5	33	41	3.9	2.24	< 0.5	2.0	< 5	< 0.5	11100	< 10	50	0.6	7.6	< 2	< 100	< 0.5	5.1
RHH27	< 1	< 2	4	300	12	1.1	11	17	1.7	0.68	0.9	< 0.5	< 5	< 0.5	3000	< 10	20	0.4	2.1	< 2	< 100	< 0.5	1.6
RHH28	< 1	< 2	2	500	7	< 0.5	17	32	2.0	1.24	3.4	< 0.5	< 5	< 0.5	11900	< 10	40	0.2	5.0	< 2	< 100	< 0.5	2.8
RHH29	4	< 2	4	600	9	4.9	16	27	2.2	1.48	< 0.5	< 0.5	< 5	< 0.5	11800	< 10	70	1.0	5.7	< 2	< 100	< 0.5	4.0
RHH30	< 1	< 2	3	500	6	< 0.5	16	28	2.1	1.24	< 0.5	< 0.5	< 5	< 0.5	10400	< 10	40	0.4	5.1	< 2	< 100	< 0.5	3.2

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
RHH01	< 0.1	< 1	< 20	6.3	11	< 3	0.7	< 0.2	< 0.2	0.5	< 0.1	15.3
RHH02	< 0.1	< 1	< 20	5.7	12	< 3	0.5	0.5	< 0.2	0.4	< 0.1	15.5
RHH03	< 0.1	< 1	< 20	8.4	12	< 3	1.0	0.5	< 0.2	0.4	< 0.1	15.5
RHH04	< 0.1	< 1	< 20	15.0	22	< 3	1.6	0.7	< 0.2	0.7	0.1	15.6
RHH05	0.9	< 1	< 20	11.5	17	< 3	1.4	< 0.2	< 0.2	0.9	0.1	15.5
RHH06	< 0.1	< 1	< 20	5.3	10	< 3	0.5	< 0.2	< 0.2	0.4	< 0.1	15.9
RHH07	0.9	< 1	< 20	10.2	19	< 3	1.1	< 0.2	< 0.2	0.7	< 0.1	15.7
RHH08	< 0.1	< 1	80	5.4	7	< 3	0.5	< 0.2	< 0.2	0.2	< 0.1	15.3
RHH09	< 0.1	< 1	< 20	11.5	16	< 3	1.3	< 0.2	< 0.2	0.9	0.1	15.7
RHH10	< 0.1	< 1	< 20	7.9	15	< 3	1.0	< 0.2	< 0.2	0.6	0.1	15.3
RHH11	0.6	< 1	< 20	7.3	10	< 3	0.6	< 0.2	< 0.2	0.4	< 0.1	15.5
RHH12	< 0.1	< 1	< 20	11.0	15	< 3	1.2	< 0.2	0.5	0.5	< 0.1	15.9
RHH13	< 0.1	< 1	< 20	3.2	5	< 3	0.4	< 0.2	< 0.2	0.2	< 0.1	15.3
RHH14	1.3	< 1	< 20	64.2	92	47	6.1	1.7	< 0.2	1.6	0.2	15.7
RHH15	< 0.1	< 1	< 20	7.8	11	12	0.9	0.4	< 0.2	0.4	< 0.1	15.9
RHH16	1.1	< 1	< 20	12.0	17	< 3	1.2	< 0.2	< 0.2	0.6	0.1	16.0
RHH17	< 0.1	< 1	90	12.2	20	< 3	1.3	0.6	< 0.2	0.6	0.1	15.6
RHH18	< 0.1	< 1	60	9.5	15	< 3	1.0	0.6	< 0.2	0.6	< 0.1	15.6
RHH19	1.0	< 1	< 20	10.9	15	< 3	1.2	0.4	< 0.2	0.6	< 0.1	15.4
RHH20	< 0.1	< 1	< 20	9.4	23	< 3	1.2	0.5	< 0.2	0.5	< 0.1	15.4
RHH21	< 0.1	< 1	< 20	8.7	12	< 3	0.9	< 0.2	< 0.2	0.4	< 0.1	15.7
RHH22	0.9	< 1	< 20	14.4	15	< 3	1.6	0.9	< 0.2	0.7	< 0.1	15.8
RHH23	< 0.1	< 1	< 20	12.2	18	< 3	1.4	< 0.2	< 0.2	0.7	0.1	15.9
RHH24	0.5	< 1	40	11.8	15	< 3	1.2	0.4	< 0.2	0.7	0.1	16.0
RHH25	< 0.1	< 1	140	3.5	6	< 3	0.4	< 0.2	< 0.2	0.2	< 0.1	15.3
RHH26	< 0.1	< 1	< 20	44.2	73	32	3.4	1.2	< 0.2	1.1	0.1	16.0
RHH27	< 0.1	< 1	< 20	8.3	15	10	0.9	< 0.2	< 0.2	0.4	< 0.1	15.9
RHH28	< 0.1	< 1	< 20	13.5	22	< 3	1.3	0.2	< 0.2	0.6	< 0.1	15.5
RHH29	< 0.1	< 1	< 20	22.3	31	< 3	1.8	0.9	< 0.2	0.7	< 0.1	15.7
RHH30	0.8	< 1	< 20	20.1	28	< 3	1.6	< 0.2	< 0.2	0.7	< 0.1	15.7

Analyte Symbol	Au	Br	Ca	Fe	Na	Sb	Sc	Zn	La	Ce	Sm
Unit Symbol	ppb	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	0.5	0.05	100	0.1	0.1	20	0.1	1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
L-STD-9 Meas	21	6	3.9	0.09	400	0.1	0.2	30	0.7	1	0.1
L-STD-9 Cert	20.0	5.60	3.67	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130

NORTHERN MINERAL EXPLORATION SERVICES

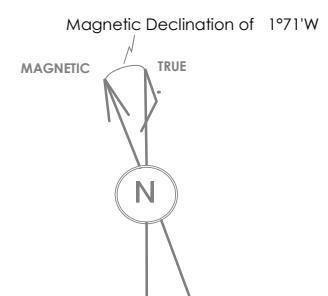
Purpose of Travel/Expense: Work Expenses for work program for July, 2022

Date: July 30,2022

Name: Andrew Tims

Project: Red Hat

Date (Y/M/D)	Expense Description	Kms	Cost	Commun	Meals	Food	Accomadations	Shipping	Supplies	Veh Rental	Equip Rental	Misc./tip	Subtotal	HST	Total
2022-07-26	Thunder Bay to Sioux Lookout	392	215.60										215.60		215.60
2022-07-26	Subway - Ignace - Lunch				13.88								13.88	1.80	15.68
2022-07-27	Travel S.L. to Red Hat return	108	59.40										59.40		59.40
2022-07-27	Pap Don's Pizza - Supper				23.96								23.96	3.11	27.07
2022-07-27	Fresh Market Foods					41.52							41.52	1.26	42.78
2022-07-28	Travel S.L. to Red Hat return	105	57.75										57.75		57.75
2022-07-29	Travel S.L. to Red Hat return	109	59.95										59.95		59.95
2022-07-30	Sioux Lookout Inn						690.52						690.52	86.32	776.84
2022-07-30	Sioux Lookout to Thunder Bay	392	215.60										215.60		215.60
2022-07-29	Actlabs Thunder Bay								280.20				280.20	36.43	316.63
Category Totals:		1106	\$608.30		\$37.84	\$41.52	\$690.52		\$280.20				\$1,658.38	\$128.93	\$1,787.31
														less advance:	
														Balance:	\$1,787.31



- | | | | |
|-------|---|------------------------|----------|
| 18951 | ▲ | Assay Sample | Sample # |
| 108 | ▲ | Assay Sample | Au (ppb) |
| | ✕ | Small Outcrop or float | |
| | □ | Outcrop | |
| | ↖ | Foliation with dip | |
| | ↘ | Lithological contact | |

REDHAT PROPERTY

Outcrop & Sample Map

Date: 2022-08-08
 Author: pgeo_lms
 Office:
 Drawing:
 Scale: 1:2500
 Projection: Custom Projection