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**Technical Report on the 2019
Prospecting and Geochemical Survey on the
Hurd Lake Claims, Maun Lake Area**

**Thunder Bay Mining Division
North West Ontario**

**500500 E 5590000 N
UTM ZONE 16
NTS 42-L-7
Lat 50 deg. 27 min
Long 86 deg. 59 min.**

**Rand Hodgson B.Sc. B.Ed.
December 1, 2019**

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Summary of work done

- 2 man days compiling past work done from EMDM files
- 2 man days manual stripping and trenching at New Athona Occurrence
- 16 man days reconnaissance prospecting on the claims

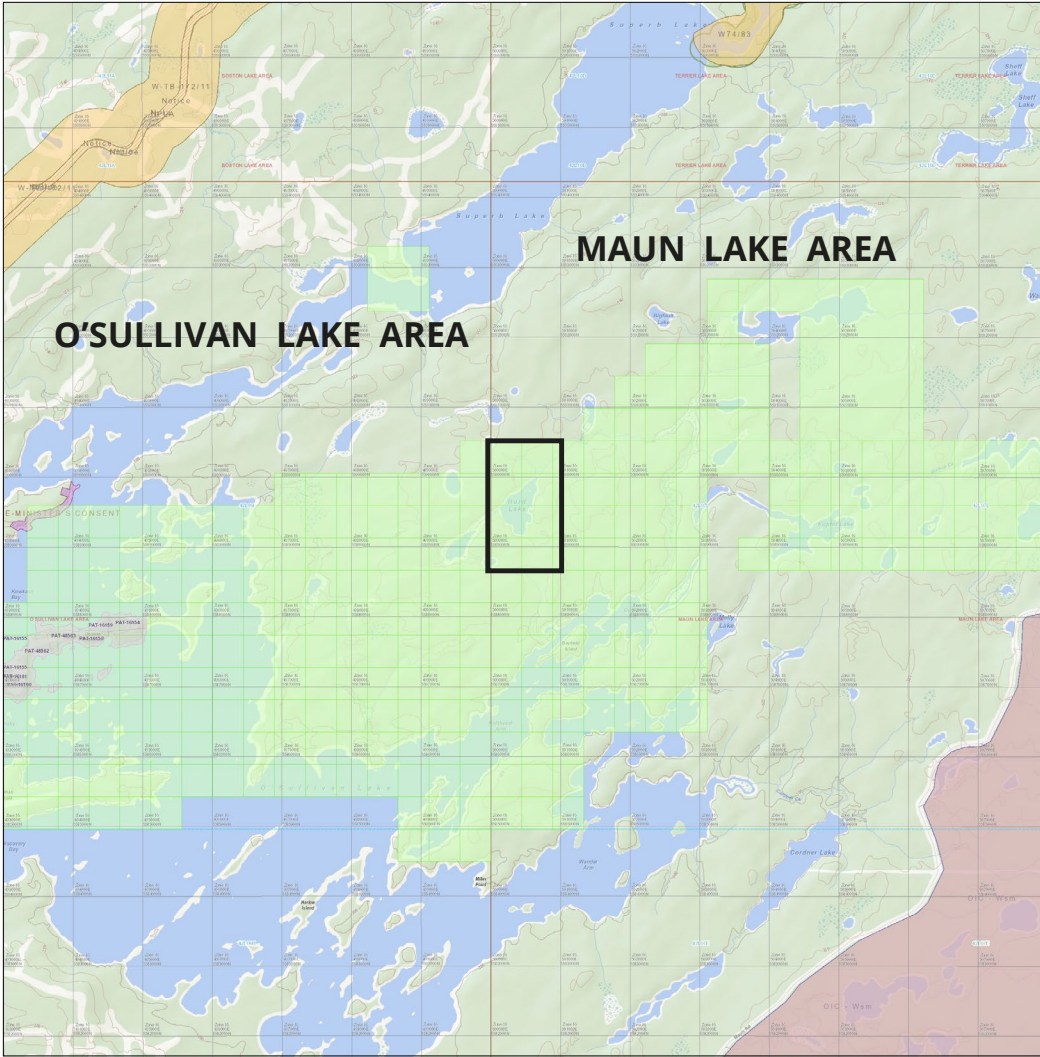
Summary

The Hurd Lake property was the focus of a detailed prospecting and mapping program with selective geochemical follow-up. Objectives of this work were to re-investigate the New Athona copper – silver-gold occurrence, map the geology on the claim group surrounding Hurd Lake, and prospect for new mineralization. The New Athona Occurrence was re-visited and mapped and sampled. No new mineral occurrences were identified during this prospecting survey. The property remains prospective for gold and massive sulfide mineralization under extensive overburden-particularly in the southeastern quadrant of the group.

Ontario Property Location Map



Regional Claim Location Map



Date / Time of Issue: Tue Nov 12, 11:20:02 EST 2019



Ontario Ministry of Northern Development and Mines
Mining Lands Claim Map

HURD LAKE CLAIMS

Administrative Districts

Township

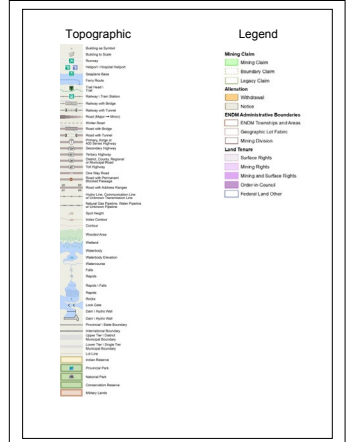
Unknown

Mining Division

Land Registry

MNRF District Office

Nipigon



Scale: 1:20,000
0 4.00 km

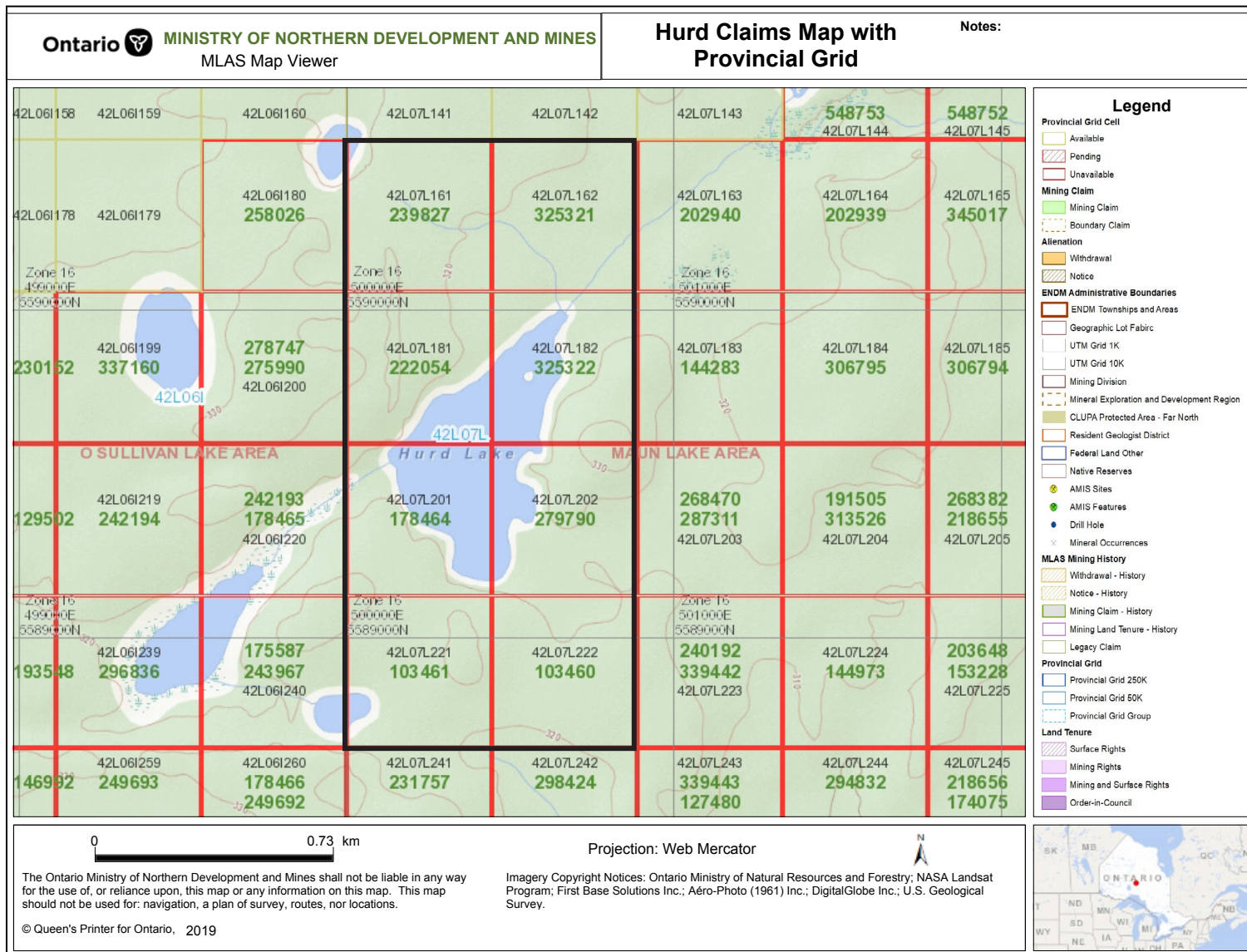
Map Datum: NAD 83
Projection: Web Mercator



Those wishing to stake mining claims should consult with the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown herein. This map is not intended for navigational, survey, or land title determination purposes as the information shown on the map is compiled from various sources.
Completeness and accuracy are not guaranteed.

Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry.
The information shown is derived from digital data available in the Provincial Mining Recorder's Office at the time of downloading from the Ministry of Northern Development and Mines web site.
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Claim Map on Provincial Grid



Introduction

This report describes a prospecting and geochemical sampling survey carried out on a 175 hectare group of claims surrounding Hurd Lake which is located in the Maun Lake Area, Thunder Bay Mining Division, North-western Ontario. The survey was conducted by Rand Hodgson and Wilson Hodgson, both residing at 287 Swanston Ave, Peterborough, On., during the periods July 14 – 22, 2019 and August 31 – September 01, 2019. It was carried out using combined pace and compass traversing with GPS support. Traverse lines were generally directed north-west and south-east with 100 meter separation. Deviation from this pattern was allowed. Twenty-five rock samples were analyzed for gold using routine fire assay methodology. Fifteen of those samples were also assayed for silver, copper, and whole rock analyses. Results are submitted in the Appendix and located on the sample location map (scale 1: 4000). Samples are described and GPS located. All co-ordinates are from UTM Zone 16.

Property Description, Location and Access

The Hurd Lake property is situated on the north side of the north-east arm of O'Sullivan Lake, approximately 37 km. NNW of Nakina, Ont. Access to the property is by road from Nakina to O'Sullivan Lake and then by boat across the lake. The property consists of a single block of 8 MLAS claim units in the Maun Lake Area. The area of the block is approximately 175 hectares. Hurd Lake is fully enclosed within the claim block.

Claim registration numbers: 239827, 325321, 222054, 325322, 178464, 279790, 103461, 103460.

Provincial Grid numbers: 42L07L161, 162, 181, 182, 201, 202, 221, 222.

The claims are registered in the name of Rand Hodgson, Client #145101 – address 287 Swanston Ave., Peterborough, Ontario.

Topography and Drainage

The Claim group is dominated by Hurd Lake which lies entirely within its boundaries and dominates the west-central part. Creeks enter and depart the lake in a north-westerly direction; following closely the inferred route of the regional Hurd Lake fault. Relief around the lake shoreline is generally low but then quickly rises about 25 meters in all directions. Outcrop is poor along the lake shore, increasing to about 20-30 % south and west of the lake.

The east side of the lake is dominated by a huge poplar ridge without outcrop.

The north-eastern part is also lacking outcrop under swamp which is continuous up to Peterson Lake. North-west of the lake the relief is higher, with two prominent outcrop ridges composed of primarily basalt pillow lavas.

Exploration History

The area has been mapped by the Geological Survey of Canada (Wilson and Collins, 1904) and the Ontario Geological Survey (Stott, 1984) as well as early mapping by the Ontario Department of Mines (Hopkins, 1916; Kindle, 1929; Moorehouse, 1955)

Gold and copper were first discovered in the O'Sullivan Lake area in the 1920's, centred on showings on the Osulak Peninsula and northeast of the lake, resulting in a staking rush after WW II, when Osulak Mines started to sink a shaft and carry out underground development. Since that time, several operators

have attempted to resurrect the property. The most recent, Mining Corp. of Canada, removed 90,000 tons of 0.33 oz./ton gold. Since 1950, both gold and base metal exploration has been undertaken throughout the O'Sullivan Lake belt with limited success.

In the immediate area of the Hurd Lake property, the New Athona Mines copper-silver-gold occurrence, located 200 m. south of Hurd Lake, was investigated by means of 9 drill holes in 1955. The showing consists of 2 mineralized fracture zones in brecciated felsic volcanics containing massive pyrite, arsenopyrite, chalcopyrite, bornite accompanied by quartz sericite schists and small QFP intrusions. No strike length was determined.

About 400 m. east of the claims an unknown operator drilled about 4 holes into what is referred to as the Megan-Hurd gold occurrence. The drill target was a narrow sulfide -rich shear zone in felsic volcanic. Assays up to 14 gpt were reported in an extensive shear zone with strike exposed for 100 meters. The Warren copper-nickel occurrences, located north-east of the property has been the focus of intermittent activity since the 1950's. Historical exploration activity has resulted in significant polymetallic occurrences being discovered - confirming the mineral potential of the area.

Regional Geology

The Hurd Lake property is situated within the Kowkash Greenstone Belt, a fairly typical north-east trending greenstone sequence consisting of a mafic to felsic transition, younging to the north, intercalated with intermediate-felsic and chemical metasediments (chert, iron formation). The interflow sediments are mainly tuffs, tuff breccias and siliceous metasediments, which carry locally massive iron and copper sulfides, with lesser sphalerite magnetite and arsenopyrite.

The greenstones are locally intruded by syngenetic and postgenetic tectonic sills and dykes-gabbro, diabase and quartz-feldspar porphyry. Metamorphic grade is generally lower greenschist facies.

Structurally, the Kowkash belt has been faulted in a north-east trending strike-slip fashion, resulting locally in strongly sheared, highly schistose volcanic units. Government airborne geophysics suggest fault offsets of greater than 600 meters as well as stratabound magnetic highs. A regional fault – the Hurd Lake fault – passes through the belt in a northeasterly direction.

Property Geology

There is a very large post-tectonic granitic intrusion centred on the east side of Hurd Lake. It has been sized by government maps at about 900 meters NS by 500 meters EW. Its presence is confirmed in outcrop on the lake shore but its easterly extent is unconfirmed in overburden. There is no evidence of this large scale intrusion at the eastern edge of the property where mafic volcanics were identified.

South and east of the pluton there is a northeasterly trending sequence of brecciated, mineralized felsic volcanics intercalated with small amounts of mafic volcanics and quartz-feldspar porphyry intrusions. Occasionally narrow lensoidal or sill-like gabbroic intrusions locally interfinger with the volcanic. Chemical metasediments-chert and iron formation – have been identified within this unit in several locations, mostly off the property to the east. This unit is poorly exposed on the property due to significant overburden on claims 279790, 103460, and further east. There is, however, enough evidence in the vicinity of the New Athona occurrence as well as off the property to the east, to infer a

continuity of the mineralized unit linking these two in the south-east quadrant of claim 279790. The mafic/intermediate rocks occur as andesitic-dacitic flows and pillow lavas with tops to the north. Alteration minerals observed include chlorite, carbonate in the mafics and sericite in the felsics. Small quartz – feldspar porphyry intrusives are common in the vicinity of the Athona gossan on claim 103460 south of Hurd Lake – as they are proximal to the Hurd Lake Pluton.

South-west of Hurd Lake there is a large plateau-like outcropping of very homogenous pale grey rhyolitic flows. These flows are extensive, uniform, and non-mineralized.

Mineralization

The New Athona copper-silver-gold occurrence was relocated at GPS UTM 500450 E 5588960 N (zone 16) The showing is situated near the edge of the Hurd Lake Pluton, a large post-tectonic granitic pluton to the northeast. It is possible that the close proximity of this intrusion could be responsible for the brecciation and mineralization in the rhyolite at the occurrence itself. The rhyolite has been shattered by a north-east trending fault which has resulted in a brittle kink folds. The mineralized rhyolite is exposed in a series of five parallel northwest trending trenches for a total strike length of 130 meters. Width of the fractured mineralized zone averages 10 – 15 meters but pinches to the south-west and disappears under overburden to the north-east along strike. Sulfide content varies from 2 – 25 % and includes chalcopyrite, pyrite, arsenopyrite, with carbonate and sericite alteration. There is quartz-feldspar porphyry veining parallel to and within the mineralized zone. Twenty rock samples were taken at various locations within the 5 trenches and assayed for gold. Fifteen were further assayed for silver, copper, and whole rock analysis – see detailed map for sample locations. Although these samples do not represent

a true continuous channel sample, they were taken from within the trenches in a gossan zone estimated to be about fifteen (15) meters thick. They averaged 0.4 gpt Au, 19 gpt Ag, and 0.95% Cu over 15 samples. These results are very similar to the results of assays from the 1955 New Athona Mines Ltd. drilling which estimated 0.5% Cu across 16 meters with a 300,000 ton resource estimate. The gossan zone is open in both directions under overburden. It is also important to mention an anomalous high value of 56 gpt Au taken from this occurrence in a previous visit (Hodgson, 2016).

This high value, coupled with previous reports of 900 ppb in rhyolites 500 meters along strike to the south-west (Smith 1991) and known gold mineralization to the northeast indicates a potential high grade gold enriched horizon which needs to be assessed further from a regional perspective.

Conclusions and Recommendations

The model proposed for gold exploration on the property is valid. All gold values on the claims are associated with a northeast trending brecciated mineralized felsic volcanic unit which is inferred to extend continuously to the southwest and northeast from the New Athona under extensive overburden. This zone has been identified in the vicinity of the Megan-Hurd Occurrence located 200 meters east of the claims on claim 306795. Here it is highly mineralized up to 5% sulfides in brecciated felsic and mafic volcanics with sericite, chlorite, and carbonate alteration. The unit appears to be a fault breccia and has been identified to be up to 700 meters thick. This zone and the anomalous gold value of 900 ppb located 500 meters southwest from the New Athona occurrence should be further investigated by means of ground IP and soil geochem. surveys.

References

- New Athona Mines Ltd., 1955 drill log report, File #42 L 07 NW 0011
- Parker, J.R. and Stott, G.M. 1998 Precambrian Geology, O'Sullivan Lake Area O.G.S map p 3377
- Moorhouse, W.W.1956 Geology of the O'Sullivan lake Area O.D.M Annual report 1955
- Mason, J., White, Gerry 1986 Gold Occurrences, Prospects and Deposits of the Beardmore – Geraldton Area O.G.S. Open File Report 5630
- Smith, Michael, Technical Report on the Hurd Lake Property, O'Sullivan Lake Area O.P.A.P. # OP91-043 M.N.D.M file #42L07N.W.8040-63.6249 Maun Lake
- Nelson, Cullen, Clark Exploration Consulting Assessment Report on the Aurum Property of Superior Canadian Resources Inc. 2005. M.N.D.M assessment file #2.30942
- Hodgson, R, 2017, Technical Report on the Hodgson Claims, Maun Lake Area. AFRO # 2.58421

Statement of Qualifications

I, Rand Hodgson, of 287 Swanston Ave., Peterborough, Ont., do hereby state:

- 1) That I have been a consulting geologist practicing my profession from the above address since 2016, and have been actively engaged in mineral exploration since 1977.
- 2) That I hold a B. Sc. (Earth Science) from the University of Waterloo (1977)
- 3) That I am the author of the report on the Hurd Lake property, and that I personally supervised and carried out the field program.
- 4) That the data contained in the report is true to the best of my knowledge.



Rand Hodgson B.Sc.

November 2019

Maps

Map 1

Regional Geology with Property Boundary

Regional Geology of Claims Area | Maun Lake Claims | Ontario, 2018

WHITEFISH
EXPLORATION
INC.



*All assays by WFE unless otherwise indicated

- Gold Rock Sample Grams/Tonne
- Magnetic Conductor
- WFE Claim
- Fault Breccia
- Fault
- River
- Lake
- Contour

Lithology

- Felsic to Intermediate Intrusive
- Mafic Intrusives
- Chemical Sediments - Iron Formation, chert
- Mafic Volcanics
- Intermediate Volcanics
- Felsic Metavolcanics

NAD 1983, UTM Zone 16

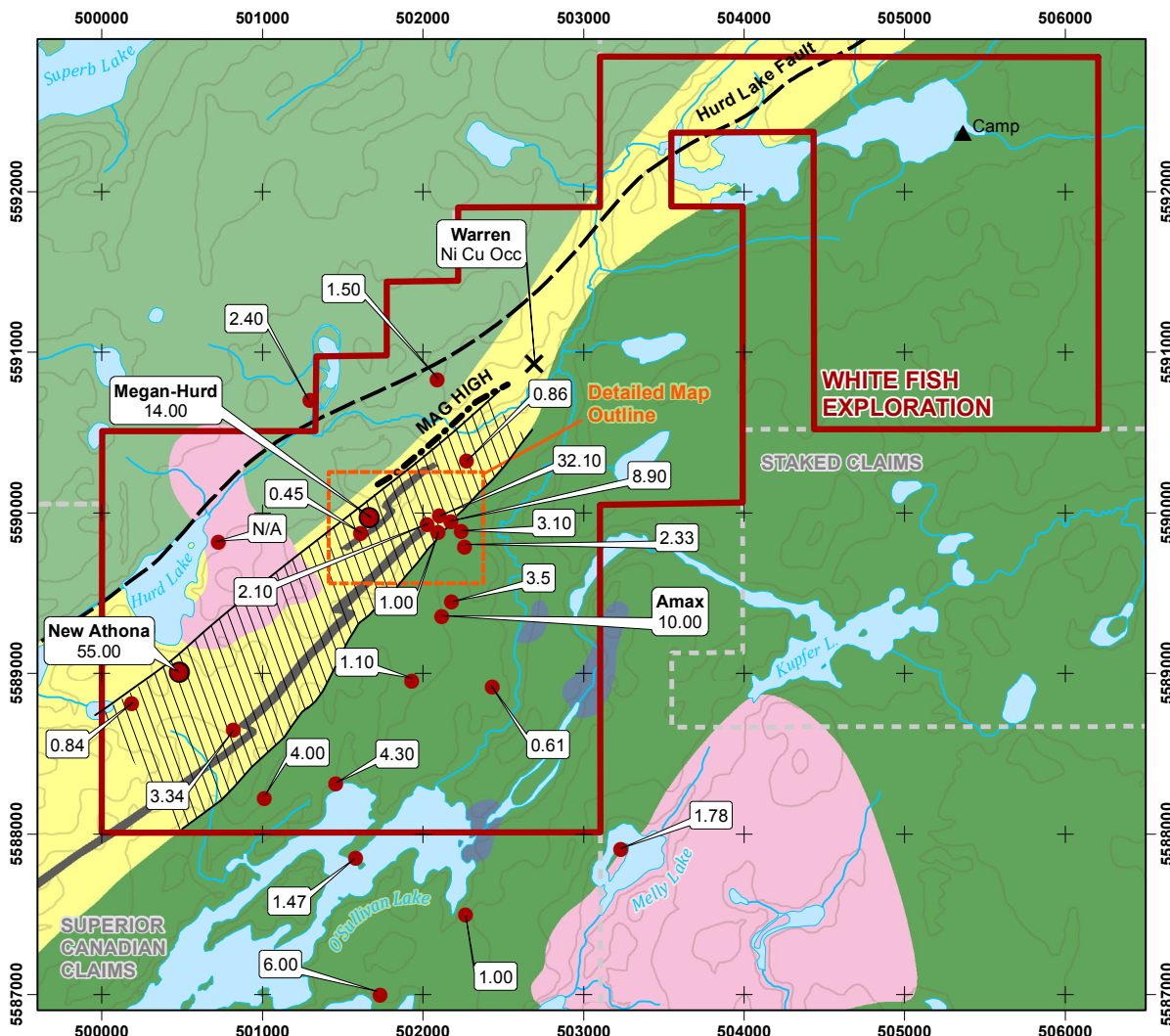
1:35,000

0 500 1,000 m

Map Author: Kendra Chalmers
KC Geomatics & Design
Date: July 24, 2019
Version: 11

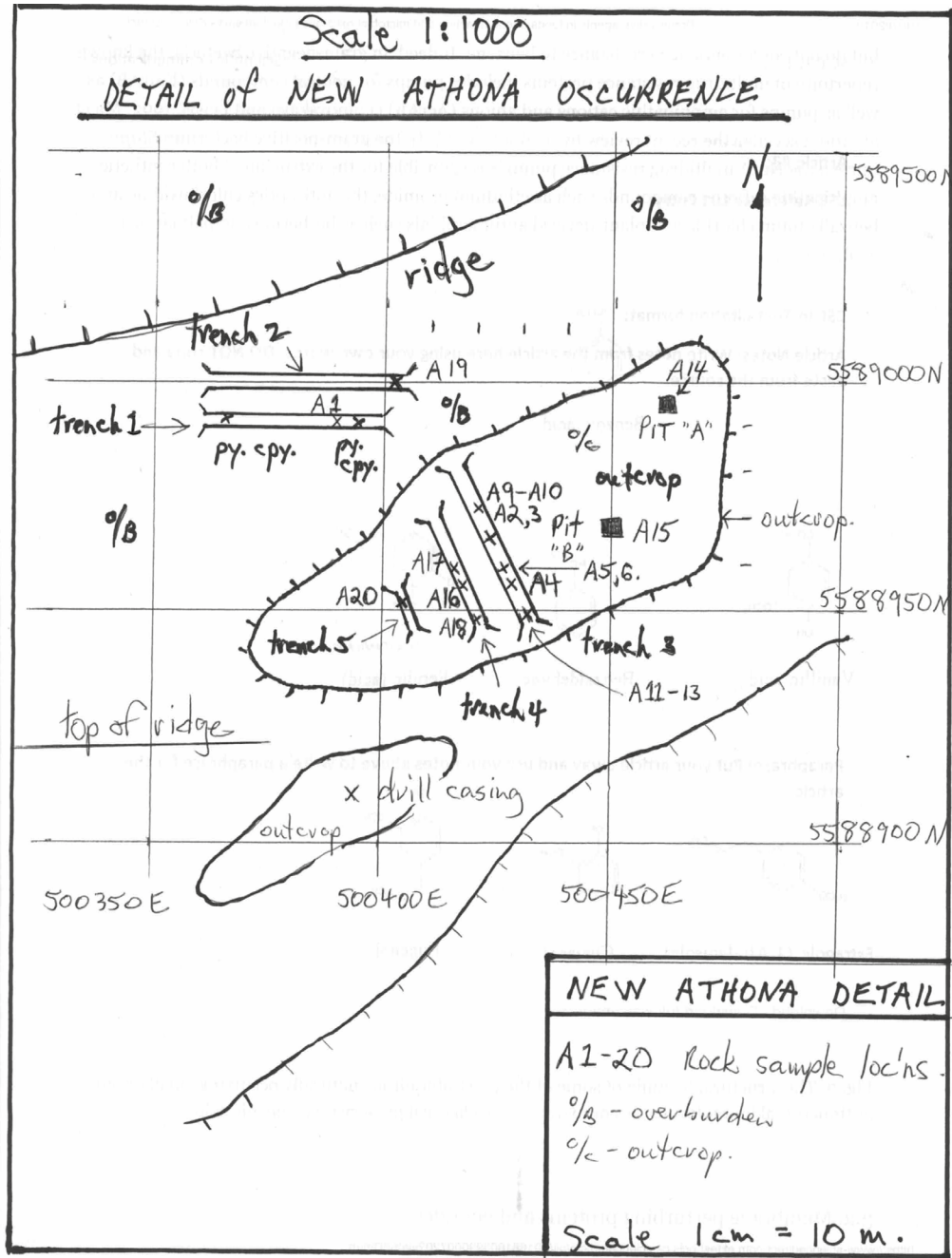


Source: Lithology, contour, wetandLID 2016. Claims/MNDN 2016. Lake, near/MN 2016. Lithology, Gold Samples/WFE 2018.
Disclaimer: While all efforts have been made to produce accurate results KC Geomatics & Design, Whitefish Exploration Inc., and those listed in source information cannot be held responsible for the misuse or misinterpretation of any information. Said parties accept no liability for any loss, damage, or inconvenience caused as a result of reliance on the mapping.



Map 2

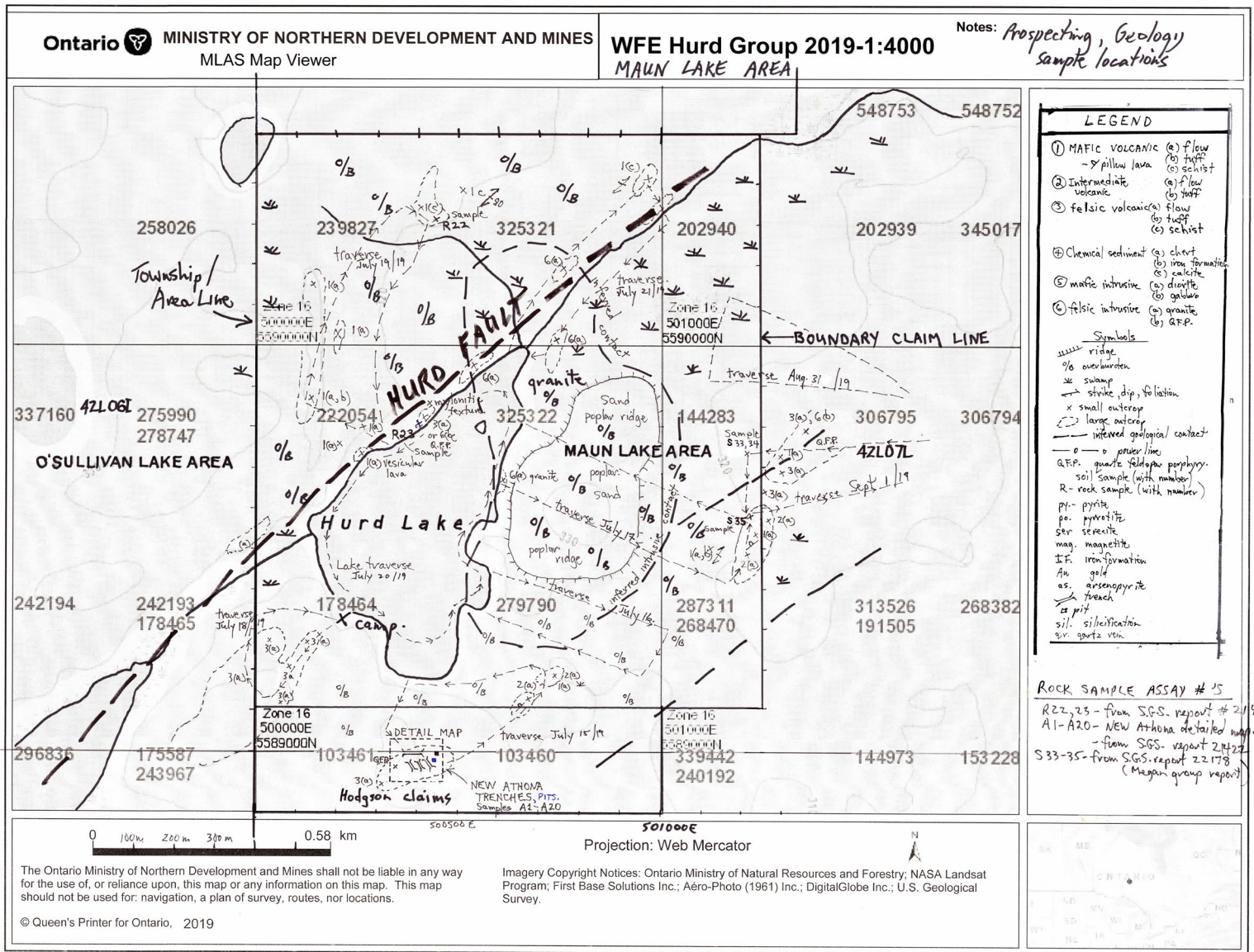
Detail Map of New Athona Occurrence



Map 3

Prospecting Traverses, Geology, Sample Locations

Scale 1: 4000 - back pocket



Plates

Plate 1

New Athona trench 3



Plate 2
New Athona trench 4

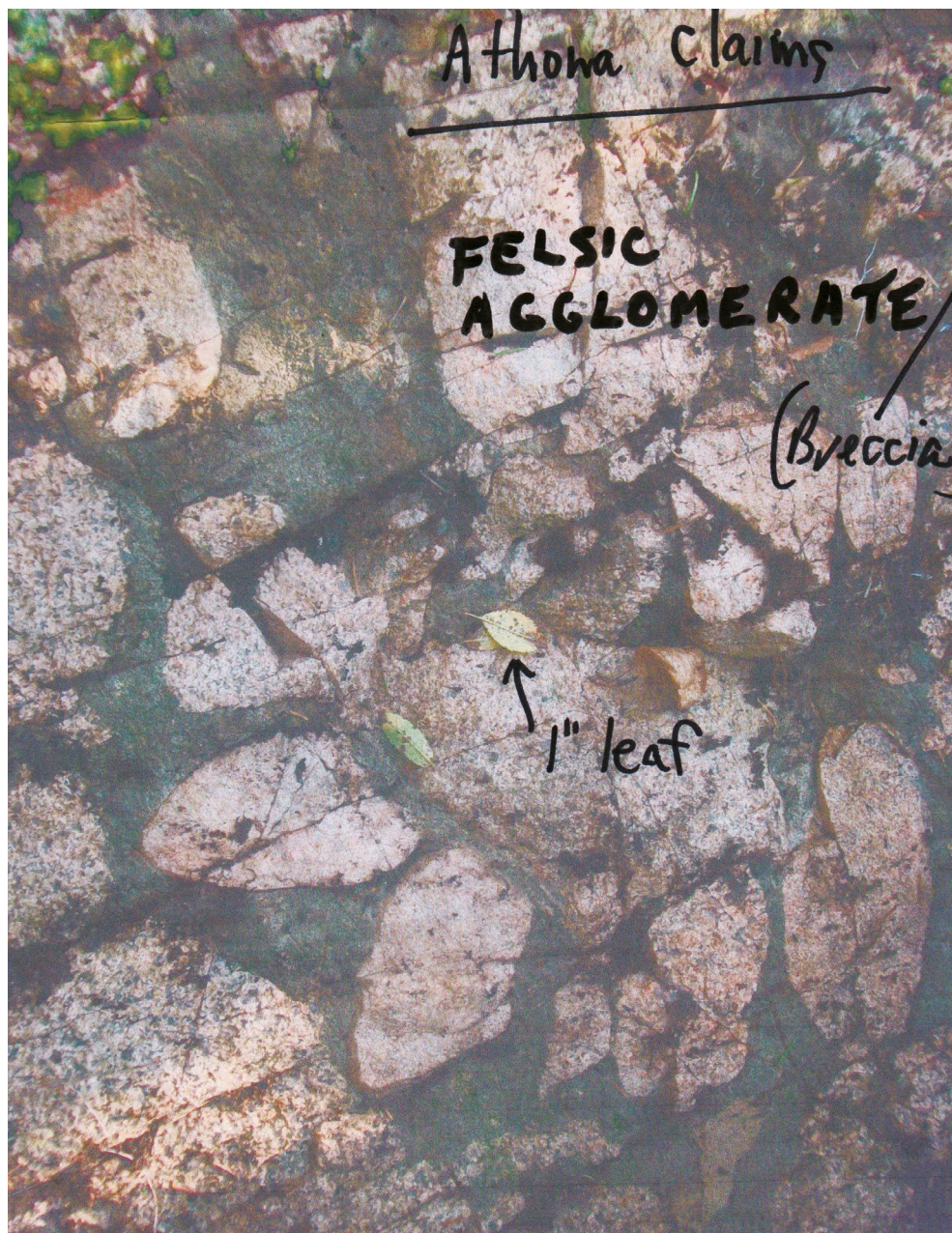


Plate 3
East of New Athona breccia



Plate 4

South of New Athona breccia



Appendices

Appendix 1

Sample Locations and Descriptions

All locations from UTM Zone 16

- SGS – Assay report # 21422 – Aug 16 2019.
R-22 – 500435 E 5590309 N – mafic schist, carb, no sulfide.
R-23- – 500400 E 5589806 N – coarse grained granulated felsic rock (mylonite?)
on shoreline.

Samples A1-A20 located on the New Athona 1:1000 detailed map – centred on
500400 E 5588950 N – Appendix # 4?

- A 1 – Grey quartz – feldspar porphyry (QFP) intrusive
- A 2 – Mafic volcanic – 5% py, cpy.
- A 3 – Massive cpy in mafic volcanic.
- A 4 – Massive po. In mafic volcanic
- A 5 – Massive cpy.in mafic volcanic.
- A 6 – Massive py,cpy in mafic volcanic
- A 7 – Chip composite of gossan material
- A 8 – Massive py,cpy in felsic volcanic
- A 9 – Pit 5 – semi-massive py in mafic volcanic.
- A 10 – Massive cpy, bornite, in felsic volcanic.
- A 11 – Loose gossan material – trench 3
- A 12 – “
- A 13 – Felsic volcanic, massive cpy, bornite, trench 3.
- A 14 – Mafic volcanic, 5% py – pit A
- A 15 – “ – pit B
- A 16 – Quartz vein – trench 4.
- A 17 – Grey QFP – minor py.
- A 18 – Grey QFP – no sulfides
- A 19 – Rhyolite with minor py, – trench 2.
- A 20 – High grade chip sample – trench 4.

Samples 33-35 from SGS report 22178 – Oct.11 2019

- S 33 – 501235 E 5589740 N – mafic volcanic, 1% py.
- S 34 – “ – mafic pillow lava, 1% py.
- S 35 – 501225 E 5589585 N – mafic pillow lava, 1% py. Daily Report of Work – 2019

Appendix 2

Daily Report of Work – 2019

Note – Prospecting traverses located on 1:4000 map

- July 14 – Fly in to Hurd Lake
- July 15 – Trenching and sampling New Athona occurrence – samples A1-20
- July 16 – Prospecting south-east of Hurd Lake – no sample due to overburden.
- July 17 – Prospecting traverse east of Hurd Lake – poplar ridge – no samples
- July 18 – Prospecting southwest of Hurd Lake – no samples
- July 19 – Prospecting traverse north of Hurd Lake – sample R 22.
- July 20 – Prospecting/mapping Hurd Lake shoreline – sample R 23
- July 21 – Prospecting traverse along creek north-east of Hurd Lake – no sample
- July 22 – Fly out to Nakina.
- Aug.31 – Prospecting north-west from Walkup Creek – no sample in overburden and swamp.
- Sept. 1 – Prospecting west from Walkup Creek. – samples 33-35 from SGS report 22178 – Aug./19
- Sept. 2 – Travel to Peterborough
- Sept 3 – De-mobilization

Appendix 3

Assay Certificate – SGS Report # 21422 – August/2019



Certificate of Analysis
Work Order : LK1901378
[Report File No.: 000021422]

Date: August 16, 2019

To: **Rand Hodgson**
White Fish Expl
COD SGS MINERALS - GEOCHEM LAKEFIELD
185 CONCESSION ST
PO BOX 4300
LAKEFIELD ON K0L 2H0

P.O. No.: Whitefish Exploration
Project No.: -
Samples: 22
Received: Jul 22, 2019
Pages: Page 1 to 5
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
22	G_WGH79	Weighing of samples and reporting of weights
22	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
22	GO_FAA303	Ore Grade Au, FAS, AAS, 30g-10ml
5	GE_ICP90A	ICP-OES after Na2O2 fusion
5	GE_AAS12E	@ Ag by AAS after Aqua Regia digest, 2g Vol 50

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Appendix 3



Final : LK1901378 Order: Whitefish Exploration

Page 2 of 5

Report File No.: 0000021422

Element	WtKg	Au	Al	As	Ba	Be	Ca	Cd
Method	G_WGH79	GO_FAA303	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	0.001	5	0.01	30	10	5	0.1	10
Units	kg	ppb	%	ppm	ppm	ppm	%	ppm
R22	0.974	12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R23	1.438	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A01	1.005	566	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A02	1.193	416	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A03	0.454	273	8.34	<30	101	<5	5.1	<10
A04	0.960	22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A05	0.984	462	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A06	1.243	101	7.60	<30	119	<5	3.5	<10
A07	0.937	397	8.64	<30	67	<5	5.7	<10
A08	1.202	162	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A09	1.082	614	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A10	0.930	441	8.41	<30	123	<5	6.2	<10
A11	1.550	334	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A12	1.140	512	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A13	0.773	387	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A14	0.908	28	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A15	1.200	243	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A16	0.477	780	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A17	0.360	32	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A18	0.772	6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A19	0.975	88	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A20	0.702	69	7.26	<30	59	<5	2.3	<10
*Rep A07		299						
*Rep A20			7.42	<30	59	<5	2.3	<10

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Appendix 3



Final : LK1901378 Order: Whitefish Exploration

Page 3 of 5

Report File No.: 0000021422

Element Method Det.Lim. Units	Co GE_ICP90A 10 ppm	Cr GE_ICP90A 10 ppm	Cu GE_ICP90A 10 ppm	Fe GE_ICP90A 0.01 %	K GE_ICP90A 0.1 %	La GE_ICP90A 10 ppm	Li GE_ICP90A 10 ppm	Mg GE_ICP90A 0.01 %
R22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R23	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A03	45	290	15553	10.4	1.1	<10	37	4.19
A04	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A06	47	275	1513	7.91	1.3	<10	32	3.69
A07	69	272	16447	12.4	0.7	<10	40	4.73
A08	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A09	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A10	17	303	19079	11.1	1.1	<10	44	4.98
A11	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A13	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A14	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A16	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A17	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A18	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A19	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A20	26	279	5560	8.83	0.5	<10	55	4.11
*Rep A20	27	280	5608	9.08	0.5	<10	54	4.07

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Appendix 3



Final : LK1901378 Order: Whitefish Exploration

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Report File No.: 0000021422

Element	Mn	Mo	Ni	P	Pb	Sb	Sc	Sn
Method	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	10	10	10	0.01	20	50	5	50
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
R22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R23	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A03	1097	<10	98	0.03	<20	<50	46	<50
A04	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A06	891	<10	95	0.02	<20	<50	38	<50
A07	1311	<10	137	0.04	<20	<50	43	<50
A08	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A09	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A10	1405	<10	50	0.02	<20	<50	49	<50
A11	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A13	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A14	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A16	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A17	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A18	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A19	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A20	874	<10	72	0.03	<20	<50	37	<50
*Rep A20	884	<10	75	0.03	<20	<50	38	<50

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Appendix 3



Final : LK1901378 Order: Whitefish Exploration

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Report File No.: 0000021422

Element Method Det.Lim. Units	Sr GE_ICP90A 10 ppm	Ti GE_ICP90A 0.01 %	V GE_ICP90A 10 ppm	W GE_ICP90A 50 ppm	Y GE_ICP90A 5 ppm	Zn GE_ICP90A 10 ppm	Si GE_ICP90A 0.1 %	@Ag GE_AAS12E 0.3 g/t
R22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R23	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A03	124	0.51	266	<50	15	345	20.6	33.3
A04	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A06	81	0.43	221	<50	11	92	26.2	4.72
A07	130	0.49	268	<50	16	401	18.3	29.4
A08	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A09	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A10	150	0.53	302	<50	19	297	19.3	34.7
A11	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A13	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A14	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A16	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A17	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A18	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A19	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
A20	91	0.42	232	56	11	156	23.7	12.1
*Rep A20	93	0.43	237	<50	12	160	24.3	
*Rep A20								12.0

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Appendix 4



Certificate of Analysis Work Order : LK1901378A [Report File No.: 000022116]

Date: October 08, 2019

To: **Rand Hodgson**
White Fish Expl
COD SGS MINERALS - GEOCHEM LAKEFIELD
185 CONCESSION ST
PO BOX 4300
LAKEFIELD ON K0L 2H0

P.O. No.: Whitefish Exploration
Project No.: -
Samples: 10
Received: Sep 16, 2019
Pages: Page 1 to 5
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
10	GE_ICP90A	ICP-OES after Na2O2 fusion
10	GE_AAS12E	@ Ag by AAS after Aqua Regia digest, 2g Vol 50

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	Al	As	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	0.01	30	10	5	0.1	10	10	10
Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm
A04	7.21	<30	218	<5	3.0	<10	67	253
A08	8.32	<30	128	<5	6.7	<10	39	314
A09	8.51	<30	63	<5	7.0	<10	25	269
A11	7.93	<30	66	<5	3.7	<10	27	257
A12	7.46	<30	62	<5	5.5	11	65	287
A14	7.26	<30	367	<5	6.2	<10	36	246
A15	6.97	<30	49	<5	8.1	<10	17	290
A16	5.02	143	28	<5	8.2	<10	78	204
A17	7.91	<30	97	<5	2.8	<10	<10	183
A19	6.82	<30	181	<5	2.0	<10	<10	179
*Rep A12	7.43	<30	59	<5	5.5	10	64	266
*Std RTS-3A	4.93	<30	111	<5	2.1	<10	136	178
*Bik BLANK	<0.01	<30	<10	<5	<0.1	<10	<10	<10

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Final : LK1901378A Order: Whitefish Exploration

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Report File No.: 0000022116

Element Method Det.Lim. Units	Cu	Fe	K	La	Li	Mg	Mn	Mo
	GE_ICP90A 10 ppm	GE_ICP90A 0.01 %	GE_ICP90A 0.1 %	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm	GE_ICP90A 0.01 %	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm
A04	1126	11.6	2.6	<10	42	3.74	845	<10
A08	7116	8.49	1.0	<10	24	4.46	1270	<10
A09	11522	9.66	0.5	<10	28	4.80	1391	<10
A11	6493	8.60	0.6	<10	43	4.18	1081	<10
A12	19360	9.40	0.4	<10	21	3.29	1015	63
A14	562	8.76	2.1	<10	21	3.75	1293	<10
A15	261	8.16	0.4	<10	13	3.94	1359	<10
A16	2263	4.34	0.2	<10	28	2.09	671	<10
A17	757	3.13	0.4	11	14	1.35	376	<10
A19	3249	3.27	0.8	13	18	1.18	258	<10
*Rep A12	18825	9.27	0.4	<10	20	3.25	997	60
*Std RTS-3A	2387	20.5	0.4	<10	15	2.42	1559	<10
*Blk BLANK	<10	<0.01	<0.1	<10	<10	<0.01	<10	<10

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Element	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti
Method	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	10	0.01	20	50	5	50	10	0.01
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
A04	168	0.01	<20	<50	37	<50	69	0.41
A08	77	<0.01	<20	<50	43	<50	131	0.49
A09	78	<0.01	<20	<50	42	<50	126	0.49
A11	126	0.02	<20	<50	41	<50	113	0.46
A12	156	<0.01	<20	<50	30	<50	135	0.36
A14	130	0.01	<20	<50	40	<50	178	0.44
A15	103	0.02	<20	<50	30	<50	135	0.37
A16	122	<0.01	<20	<50	24	<50	89	0.25
A17	48	0.03	<20	<50	11	<50	317	0.23
A19	32	0.02	<20	<50	8	<50	157	0.19
*Rep A12	151	<0.01	<20	<50	29	<50	128	0.35
*Std RTS-3A	75	0.03	208	<50	15	236	43	0.36
*Blk BLANK	<10	<0.01	<20	<50	<5	<50	<10	<0.01

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Appendix 4



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Report File No.: 0000022116

Element	V	W	Y	Zn	Si	@Ag
Method	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_AAS12E
Det.Lim.	10	50	5	10	0.1	0.3
Units	ppm	ppm	ppm	ppm	%	g/t
A04	255	<50	14	106	24.6	1.38
A08	275	<50	12	242	21.2	16.0
A09	273	<50	15	274	20.3	26.8
A11	255	85	13	171	24.2	13.3
A12	207	<50	12	569	22.7	33.5
A14	249	<50	15	85	24.2	0.83
A15	227	<50	12	91	25.1	0.46
A16	163	<50	8	96	27.4	4.72
A17	82	<50	7	50	>30.0	1.17
A19	60	<50	<5	90	>30.0	4.81
*Rep A12	203	<50	11	581	22.4	
*Std RTS-3A	134	<50	15	2958	18.6	
*Blk BLANK	<10	<50	<5	<10	<0.1	
*Rep A04						1.47
*Std OREAS-930						9.10
*Blk BLANK						<0.30

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Appendix 5



Certificate of Analysis Work Order : LK1901662 [Report File No.: 000022178]

Date: October 11, 2019

To: **Rand Hodgson**
White Fish Expl
COD SGS MINERALS - GEOCHEM LAKEFIELD
185 CONCESSION ST
PO BOX 4300
LAKEFIELD ON K0L 2H0

P.O. No.: Megan Group 2019
Project No.: -
Samples: 28
Received: Sep 3, 2019
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
28	G_WGH79	Weighing of samples and reporting of weights
28	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
28	GO_FAA303	Ore Grade Au, FAS, AAS, 30g-10ml
5	GE_ICP90A	ICP-OES after Na2O2 fusion
5	GE_AAS12E	@ Ag by AAS after Aqua Regia digest, 2g Vol 50

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.

Certified By :

Brett Pipher
Project Coordinator

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Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Appendix 5



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Element	WtKg	Au	Al	As	Ba	Be	Ca	Cd
Method	G_WGH79	GO_FAA303	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	0.001	0.01	0.01	30	10	5	0.1	10
Units	kg	ppm	%	ppm	ppm	ppm	%	ppm
Sample 08	0.438	0.03	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 09	0.630	1.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 10	0.370	8.93	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 11	1.015	0.04	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 12	0.910	0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 13	0.747	0.02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 14	0.593	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 15	0.675	0.37	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 16	0.728	0.21	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 17	0.923	0.35	5.53	54	812	<5	0.2	<10
Sample 18	0.487	0.05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 19	0.604	0.03	7.69	78	481	<5	1.4	<10
Sample 20	0.559	0.05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 21	0.759	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 22	0.468	0.03	7.59	48	69	<5	4.6	<10
Sample 23	0.714	0.07	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 24	0.754	0.02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 25	0.549	0.02	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 26	0.439	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 27	0.529	0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 28	0.549	9.92	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 29	0.971	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 30	0.664	<0.01	4.34	156	192	<5	4.5	<10
Sample 31	0.714	1.73	8.74	3691	641	<5	<0.1	<10
Sample 32	0.982	8.56	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 33	0.691	0.04	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 34	0.906	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sample 35	0.785	<0.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A			4.95	<30	114	<5	2.1	11
*Std SY-4			10.6	<30	336	<5	5.7	<10
*Rep Sample 15		0.40						
*Std OREAS-217		0.35						
*Std OREAS-503D		0.68						
*Blk BLANK		<0.01						
*Rep Sample 31			8.90	3724	650	<5	0.1	<10
*Blk BLANK		<0.01						
*Std OREAS-217		0.33						

Hurd Lake Samples

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Appendix 6

Proposed Grid for Ground IP and Soil Sample Survey

