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Work Assessment Report

Hemlo North Property

Wabikoba Lake Area

Thunder Bay District

Ontario

NTS 42 C/13

Assembled by: John Florek

Date: December 13, 2016

Table of Contents

Summary.....	Pg. 1
Introduction.....	Pg. 1
Regional Geology.....	Pg. 1
Property Geology.....	Pg. 1
Historical Work Performed.....	Pg. 2
Work Program.....	Pg. 3
Recommendations.....	Pg. 3
Figure 1 (Regional Location Map).....	Pg. 5
Figure 2 (Property Location Map).....	Pg. 6
Figure 3 (Outcrop Location Map).....	Pg. 7
Figure 4 (Geology Map).....	Pg. 8
Appendix A – Geochemical Results and Table	
Appendix B – Costs and Invoices	
Appendix C – Assessment Work Performed on Mining Lands (Not Included).	

Summary:

A Prospecting program was initiated to follow up on results from historical drillholes on the previously named Qued Property. Also, to the south of the property is a historical gold intercepts drilled by Hemlo Gold Mines in 1995. The results, of the drillhole (F1-95-2), indicated a zone of high-grade gold mineralization at the margins of the Musher Lake Porphyry within volcanoclastics with iron-formation. This zone graded 37.4 g/t Au over 1.0 meter. There are visuals of green mica in hydrothermal breccias adjacent to felsic intrusives in the vicinity, and the vision of the prospecting was to expand on this concept for gold mineralization along the margin of a similar felsic porphyry, which is seen to the south and is intimately related to the gold mineralization in vicinity.

Although high-grade, gold samples were never found on the surface during prospecting, abundant sulfidation of the rocks were witnessed. This mineralization was spatially associated with felsic porphyries.

Introduction:

John Florek has 100% interest in the Hemlo North Property located in Wabikoba Lake Area of the Thunder Bay District, Ontario, within the Northern Portion of the Hemlo Greenstone Belt. The Property consists of one (1) claim (6 claim units). **Table 1** and **Figure 1 and 2** show the location of the group of claim units.

Hemlo North Property – John C Florek	
Claim Number Group	Claim Units
4263483	6

Table 1: Claims 100% owned by John C Florek

The Hemlo North property is located 32 kilometres south of Manitowadge, Ontario. The property is readily accessible by logging roads and is 5 km east of Hwy 614.

Regional Geology

The property occurs within the Wawa Subprovince of the Superior Province. It lies along the north limb of the Archean Schreiber-Hemlo greenstone belt. The belt consists of variably metamorphosed southwest dipping metavolcanic and metasedimentary units.

The nearby Hemlo Gold Deposit has produced 20+ million ounces of gold to date. It is located in the highly strained Lake Superior Shear Zone. The deposit is westward plunging, and extends for a strike length of 2.5 km. The Hemlo North property is located approximately 16 km northeast of this deposit.

Property Geology

The Hemlo North property lies directly on the northern contact of the Musher Lake Granodiorite Pluton. To the north, flanking the intrusion is a series of felsic intrusives that are hosted in predominately mafic

volcanics with subordinate metasedimentary rocks. The rocks on the property steeply dip to the south and strike to the southeast. Geological mapping suggests southward younging direction for the pillow flows associated with the mafic volcanic sequence (**Figure 4**).

Historical drilling has intercepted significant areas of alteration and mineralization. Although the Musher Lake Porphyry is both visually and chemically altered, no apparent gold values were obtained in this rock unit. However, gold mineralization was encountered in the flanking auspicious volcanoclastic/metasedimentary sequences within the mafic volcanics; these areas of mineralization are spatially associated with felsic intrusives rocks. These felsic intrusives rocks are significantly altered and contain pyrite, molybdenum, and green mica. **Figure 3** shows the location of the rocks collected during prospecting in 2016, which are related and proximal to a felsic porphyry intrusive with sulfide mineralization; similar to the setting just south of the claim group where 37.4 g/t Au was intercepted in a drillhole.

Historical Work Performed

Several previous companies have worked near the vicinity of the property and the information is contained in the assessment files located at the MNM. A brief synopsis below of work performed around and within this property are contained in these reports (information is taken from assessment report 42C13SE0070):

McIntyre-Porcupine Mines, Von Klien option, 1962

Numerous copper-nickel and copper-lead-zinc occurrences were discovered. Electromagnetic conductors and magnetic anomalies were tested with 28 diamond drill holes, but mineralization was weak and discontinuous with depth.

Noranda Exploration Co. Ltd, 1976

Dotted Lake airborne survey completed over the area.

Pryme Energy (North), 1982

Work concentrated on the McIntyre occurrence.

Qued Resources, 1983

Geological mapping, trenching and drilling was completed on a claim group to the north of the Fowler #1 property. Emphasis was on stratabound gold mineralization within iron rich interflow sedimentary sequences. Drilling returned values of up to 0.025 oz/ton over 3 metres.

Norman Resources Limited, 1983

Geological mapping, soil geochemistry, airborne magnetics and VLF-EM data were collected covering an area immediately southeast of the present claim block. Soil samples were all low range with one sample returning 45 ppb. No significant near surface concentration of precious metals were discovered.

Kelly-Kerr Energy Corp., 1986-1988

Geological mapping, stripping, soil geochemistry covered an area to the east of the present claim group.

Noranda Exploration Co. Ltd, Newjay Property, 1987-1989

Humus geochemistry and geology filed covering a portion of the adjacent North Limb claim group. No anomalous Au values were found in the 23 rock samples analysed. A weak Au humus anomaly is reported to overlie a felsic-mafic contact.

Noranda Exploration Co. Ltd, Norman Resources Property, 1989

Geological report, plans, soil/rock geochemistry and assays filed for a claim block located southeast of the present property. Several anomalous Au values were recorded from the soil survey samples but results were not considered encouraging.

Fowler/Shuman, Armand Lake Property, 1991

A report was completed covering prospecting and stripping on the Folwer #1 property.

Newmont Exploration of Canada Ltd., 1992

Geological and lithochemical reports for a claim group located south-east of the present claims.

Hemlo Gold Mines Inc., 1994

Trenching and geological mapping was completed on trenches 150E, 153E, and 156E on the Fowler #1 property.

Hemlo Gold Mines Inc., 1995

Drilling of Nine holes on the North Limb properties
Mapping of cut line and re-mapping of old exploration trenches.

Sparton Resources

No work report filed.

Work Program

The main goal was to identify and prospect the area where a felsic porphyry outcropped, which is potentially related to known gold occurrences in the vicinity.

A review of the historical work was performed on the property prior to field work. Attempts were made to put pertinent historical information into a GIS format, so that precise areas could be located since all established surface grids are now extinct. This was the basis for prospecting and collecting mineralized outcrop samples to follow up on conceptual targets. Samples that were collected are shown in **Figure 3** and **Appendix A**.

The visual petrography did show that the rocks in the area have been silicified in area of the mineralization encountered.

In addition, GPS mapping, of former existing trails and possible DDH locations, was also accomplished; to provide future access to historical drillholes and future unencumbered entry to property.

Recommendations

Further investigation of this claim group is warranted due to barren and endowed gold mineralization in the area. It is suggested that the following be accomplished:

- Follow-up of geochemical, geophysical surveys, and/or additional drilling.
- The reestablishment of an overgrown trail to provide access.
- Additional evaluation of the historical drilling and geochemical dataset.

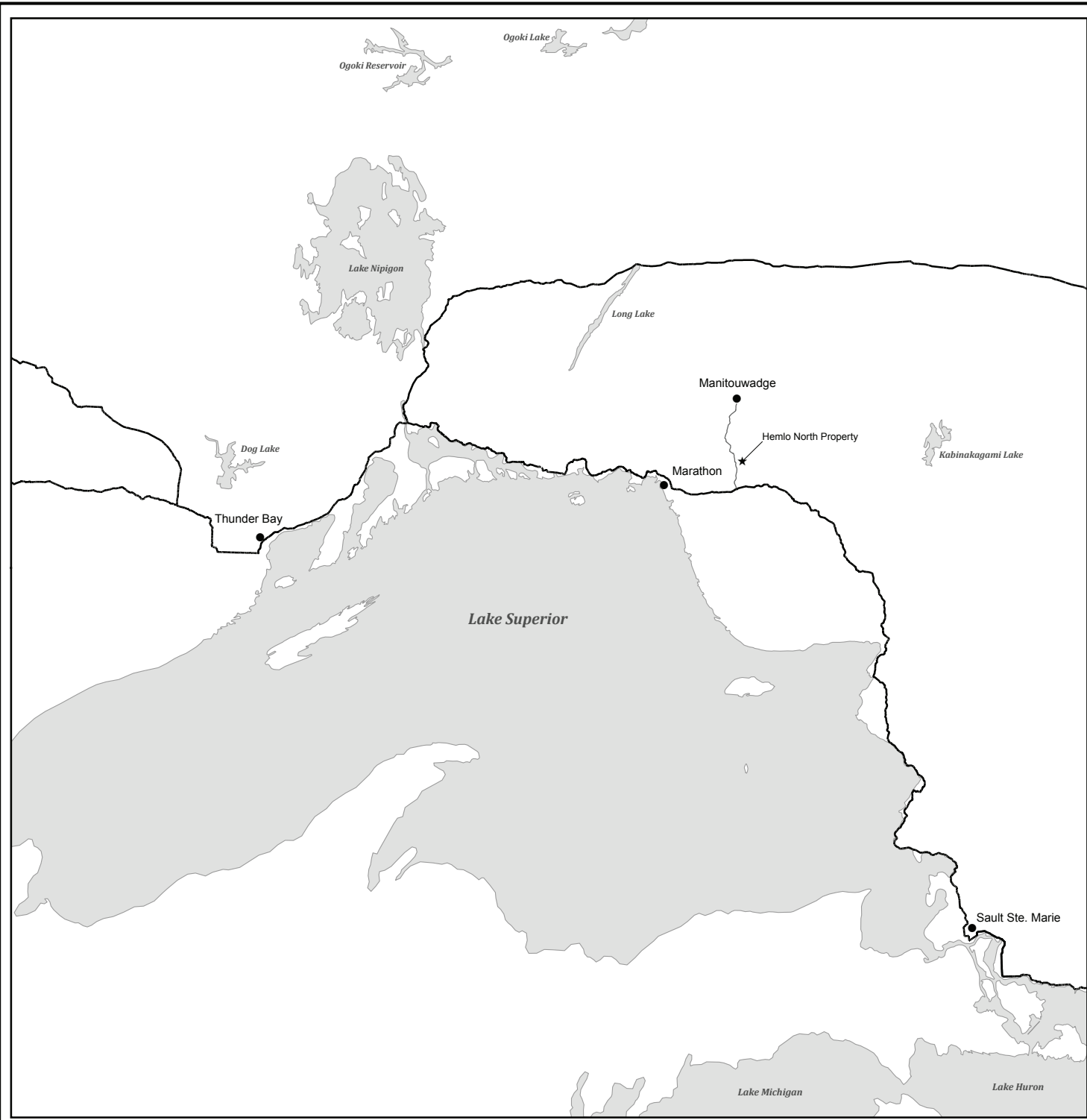
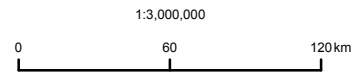


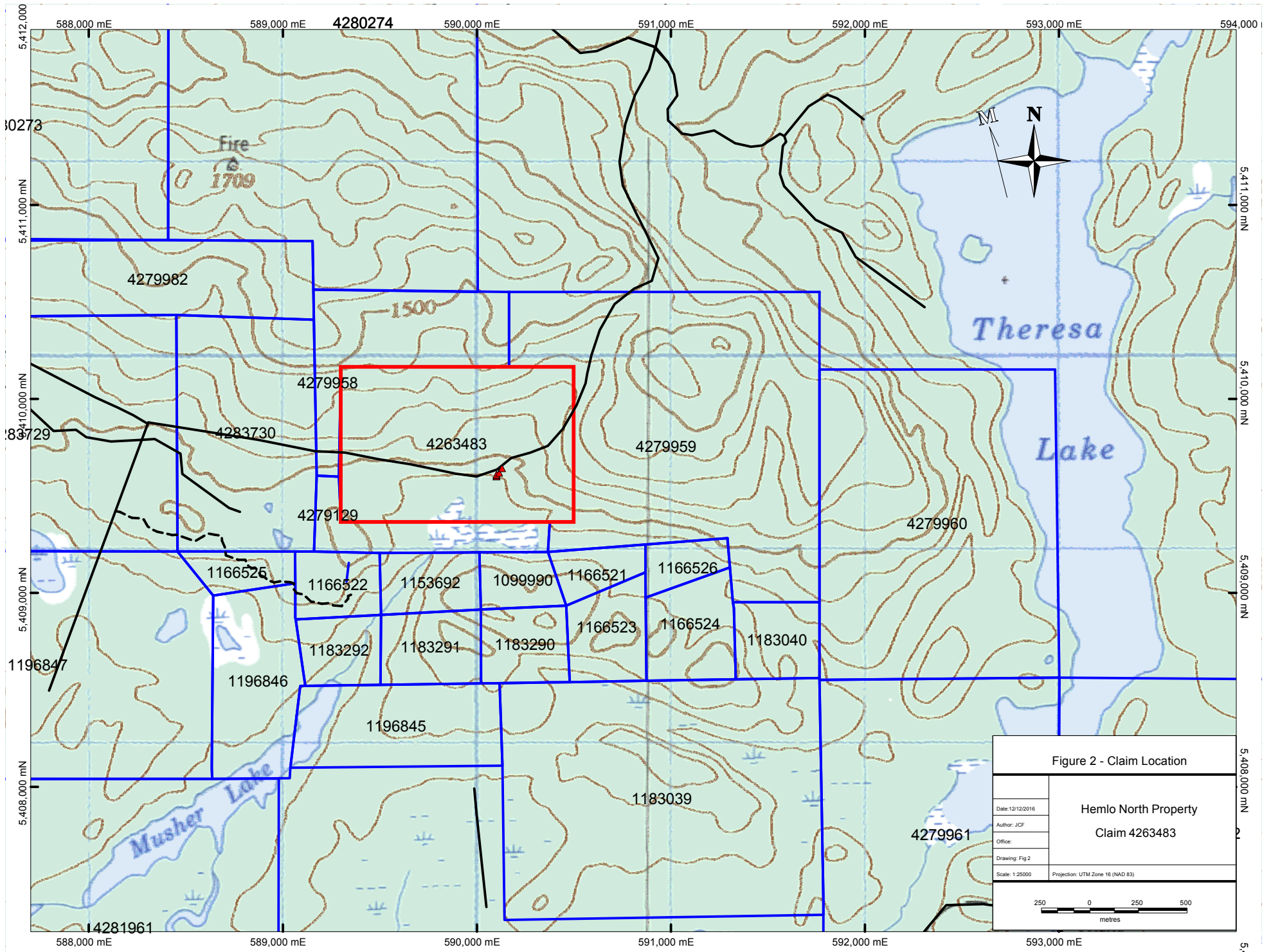
Figure 1.
Northwestern Ontario Location Map
Hemlo North Property

★	Hemlo North Property
●	Communities
—	Trans Canada Highway
—	Hwy 614
■	Water



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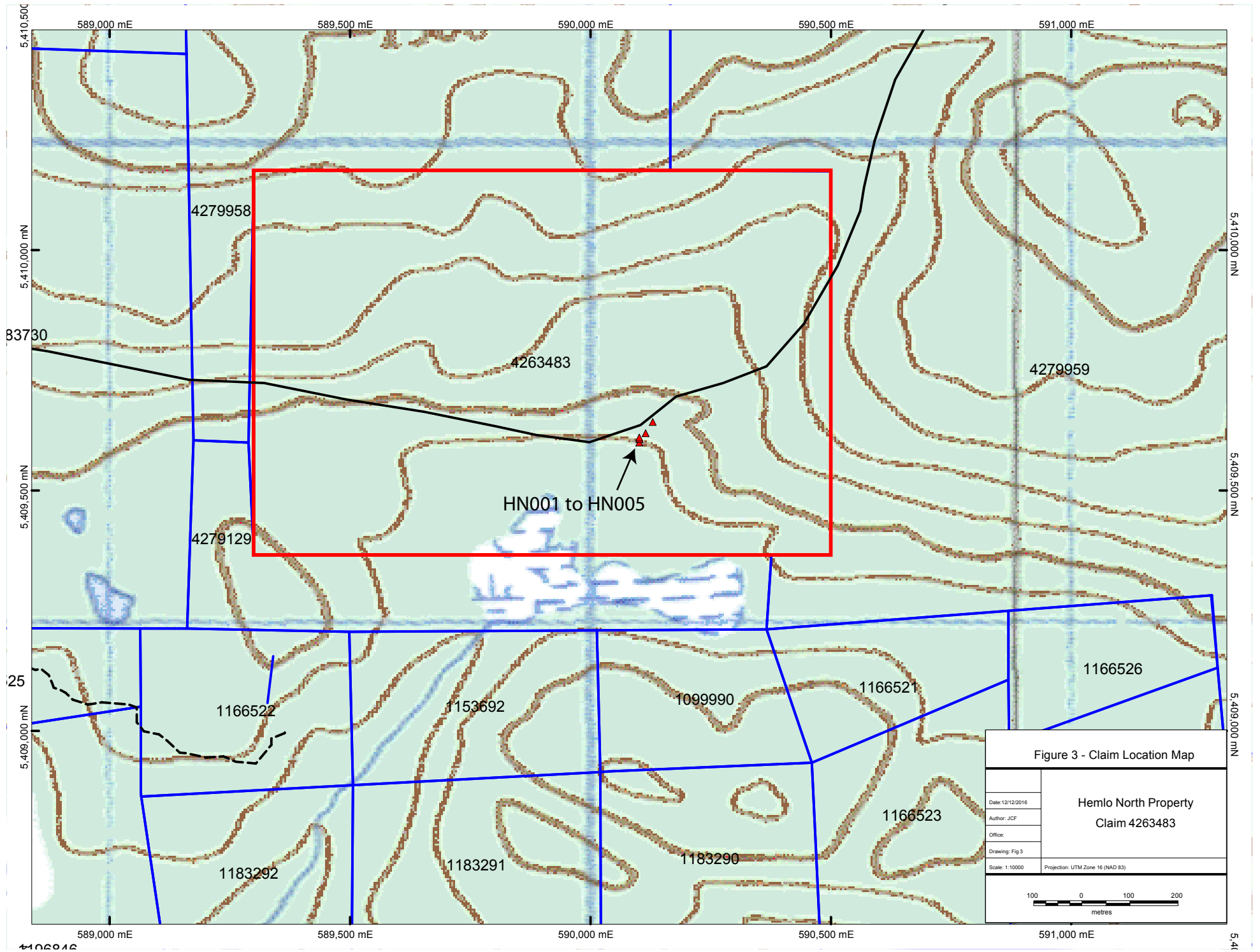
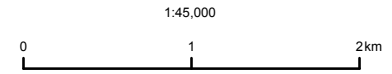
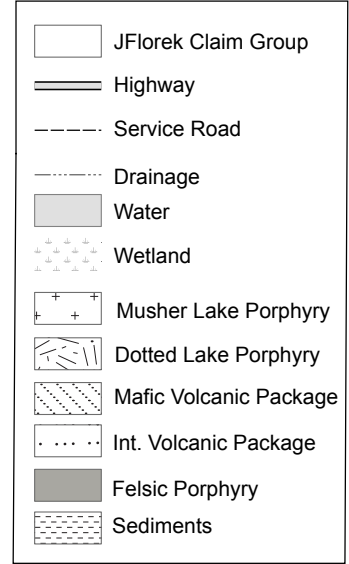
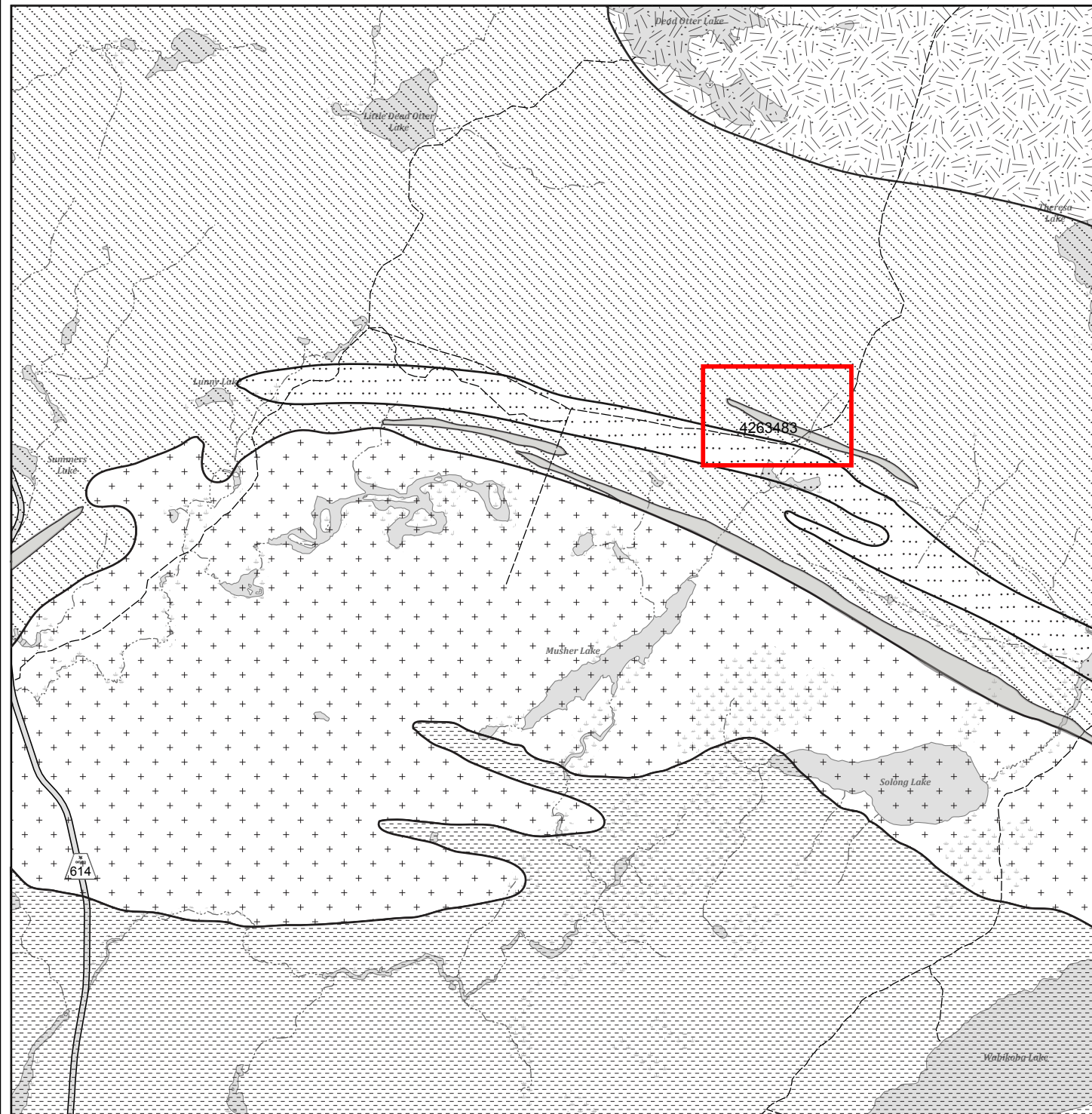


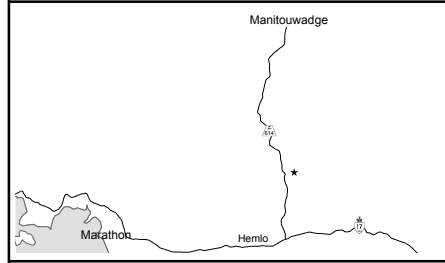
Figure 3 - Claim Location Map

<p>Hemlo North Property Claim 4263483</p>		
		Date: 12/12/2016
		Author: JCF
		Office:
Drawing: Fig 3		
Scale: 1:10000	Projection: UTM Zone 16 (NAD 83)	

Figure 4.
Hemlo North Property
Simplified Geology Map



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Appendix A

Geochemistry and Table

Hemlo North Samples

SampleID	time	latitude (y)	longitude (x)	Elevation (z)
HN001	29/10/2016 18:07	48.832835	-85.772232	401.7
HN002	29/10/2016 18:10	48.832899	-85.772224	402.5
HN003	29/10/2016 18:12	48.832929	-85.77223	402.7
HN004	29/10/2016 18:16	48.833008	-85.772048	404.2
HN005	29/10/2016 18:19	48.833214	-85.771837	407.3



Certificate of Analysis
Work Order : CO1607448
[Report File No.: 0000029184]

Date: December 06, 2016

To: COD SGS MINERALS
C/O LESLIE STREET.
DON MILLS ON M3B 2M3

P.O. No.: John Florek 01/12/2016
Project No.: -
Samples: 5
Received: Dec 1, 2016
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
5	GE_FAI323	Au by FAS, ICP-AES, 30g
5	G_PRP89V	Dry, Crush to 75%, Split to 250g, Pulv to 85%, 75µ
5	G_SCR32	Dry Soil Screening, Various Meshes, <2kg

Certified By : _____

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
- = 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	Au	Au	-180µm
	Method	GE_FAI323	GE_FAI323	G_SCR32
	Det.Lim.	0.005	5	0.01
	Units	g/t	ppb	%
HN001		0.005	N.A.	--
HN002		<0.005	N.A.	--
HN003		<0.005	N.A.	--
HN004		0.007	N.A.	--
HN005		0.008	N.A.	--
*Rep HN002		<0.005	N.A.	
*Std OREAS200		0.350	N.A.	
*Blk BLANK		<0.005	N.A.	

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Appendix B

Expenditures

Hemlo North Lake Claims 4263483

	MOB	Demob	
	October-29-16	October-30-16	December
Prospecting/Physical Feature Mapping	800	800	
ATV Rental	200	200	
Truck and ATV Mileage costs	120	120	
Perdiem+Hotel	140	140	
Soil Samples Analysis /Rock Sample Analysis			125
Report Writing/Figures			2400
	1260	1260	2525
		Total Costs	\$5,045.00

Description	Quantity	units	cost/unit	Total	
Sampling, Prospecting (P.Geo, M.Sc Geologist)	2	day	\$800.00	\$1,600.00	Work Costs
Geochemical Analysis-Rock Samples	5	each	\$25.00	\$125.00	Associated Costs
Report Writing	2	day	\$800.00	\$1,600.00	Associated Costs
Figures	1	day	\$800.00	\$800.00	Associated Costs
ATV	2	day	\$200.00	\$400.00	Transportation Costs
Truck Mileage +ATV	400	km	\$0.60	\$240.00	Transportation Costs
Hotel Allocation	2	day	\$70.00	\$140.00	Food and Lodging
Perdiem	2	day	\$70.00	\$140.00	Food and Lodging
			Total Costs	\$5,045.00	

Electronic Assessment Categories

Work Costs	\$1,600.00
Associated Costs	\$2,525.00
Transportation Costs	\$640.00
Food and Lodging	\$280.00
Total Costs	\$5,045.00

Appendix C

Assessment Work