

Work Assessment Report

Hemlo North Property

Wabikoba Lake Area

Thunder Bay District

Ontario

NTS 42 C/13

for

Beaufield Resources

950-1801 McGill College Ave

Montreal, Quebec H3A 2N4

Assembled by: John Florek

Date: December 12, 2014

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Summary:

A mapping and prospecting program was initiated to follow up on results from a historical intercept 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. This zone graded 37.4 gpt Au over 1.0 meter. An attempt to find this zone, projected to the surface, was the focus of this work program.

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

Introduction:

Beaufield Resources Inc. 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. There is a 2% underlying royalty with Franco-Nevada. The Property consists of eighteen (17) claims (55 claim units). **Table 1** and **Figure 1 and 2** show the location of the group of claims.

Hemlo North Property - Beaufield Resources Inc.

Claim Number	Claim Units	Claim Number	Claim Units
1099990	1	1166525	1
		1166526	1
1196845	3		
1196846	2	1153692	1
1196847	12		
1196848	14	1183290	1
		1183291	1
1166521	1	1183292	1
1166522	1		
1166523	1	1183039	12
1166524	1	1183040	1

Table 1: Claims 100% owned by Beaufield Resources.

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.

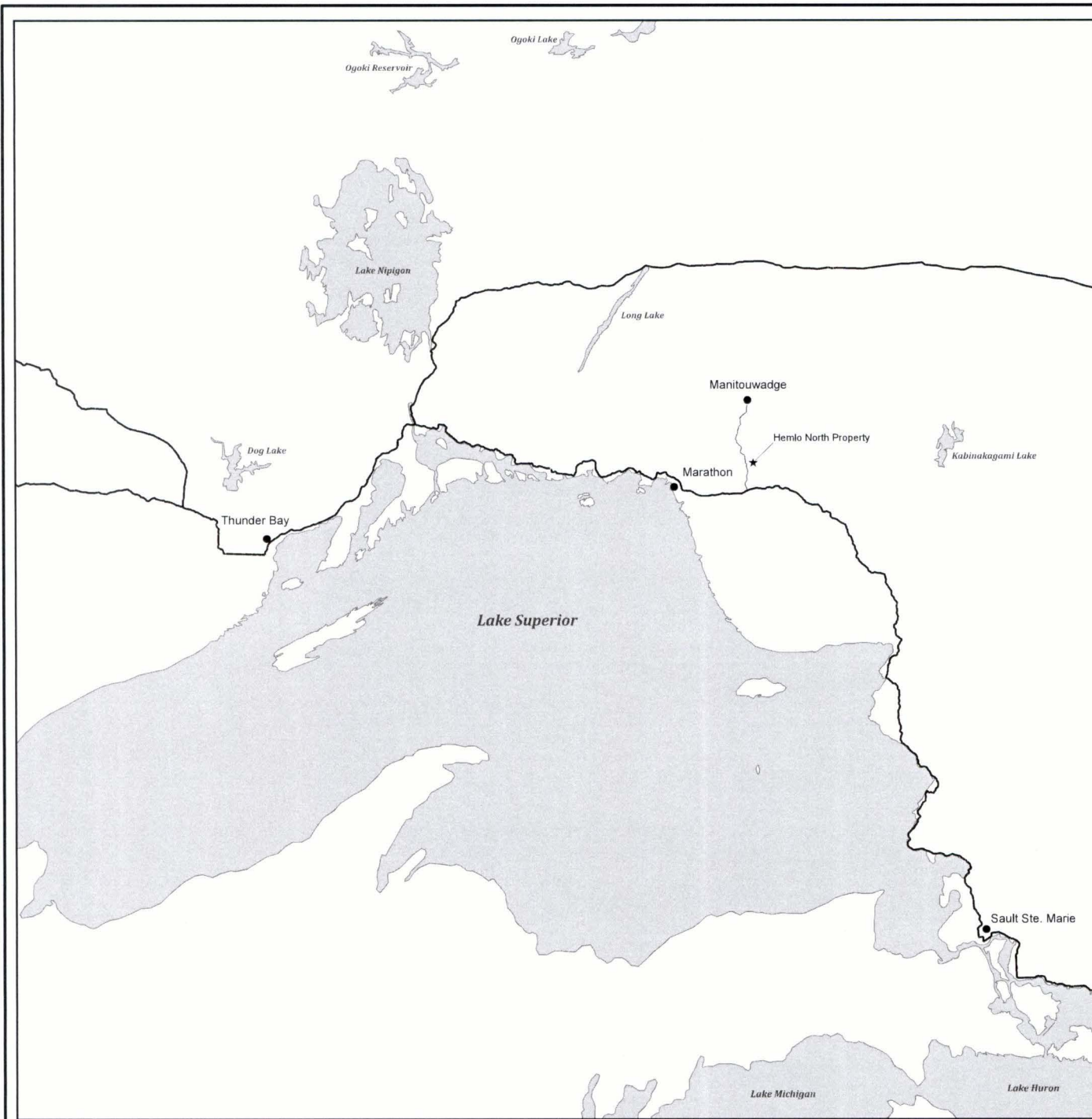
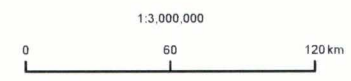


Figure 1.
Northwestern Ontario Location Map
Hemlo North Property

- ★ Hemlo North Property
- Communities
- Trans Canada Highway
- Hwy 614
- Water

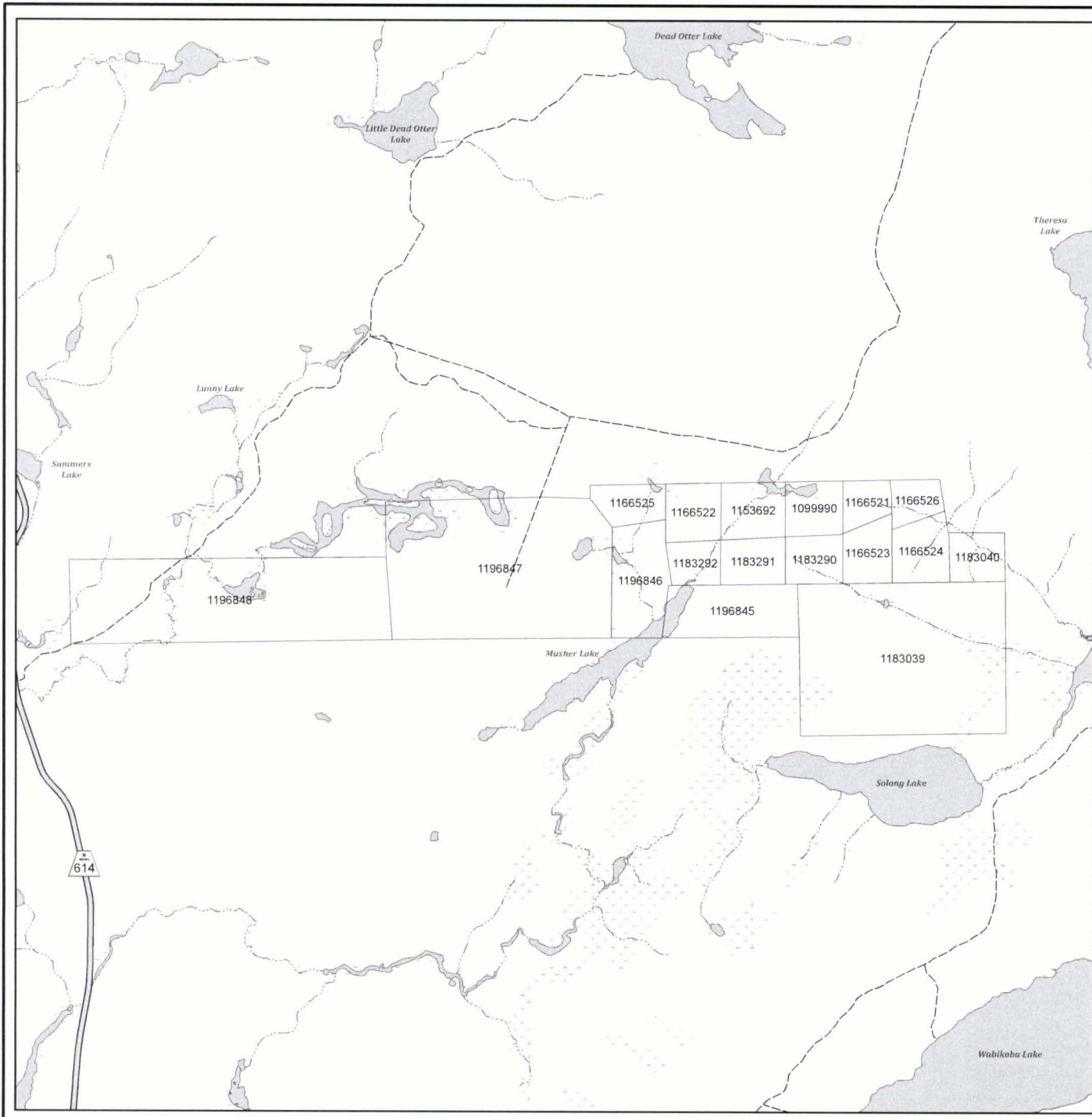


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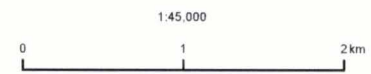


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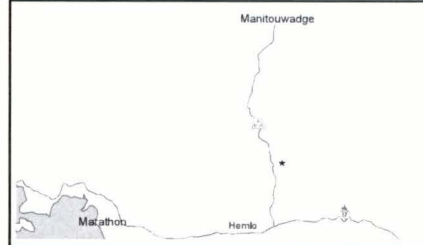
Figure 2. Hemlo North Property Location Map



	Beaufield Claim Group
	Highway
	Service Road
	Drainage
	Water
	Wetland



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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.

Historical drilling has intercepted significant areas of alteration and mineralization (locations shown in **Figure 3**). 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 4** and **5** show a schematic of the general geology on the property and its association to gold mineralization.

Historical Work Performed

Several previous companies have worked the property and the information is contained in the assessment files located at the MNDM. A brief synopsis below of work performed on these properties 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 lithogeochemical 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 historical drillhole intercepted 37.4 gpt Au over 1.0 meter (Hemlo Gold Mines).

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 outcrop samples to follow up on historically significant intercepts. 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, the geochemistry did show sericite alterations in the

volcanoclastics and albitization in the Quartz Feldspar Porphyry (QFP). This is consistent with previous historical geochemistry done on the rocks in the area.

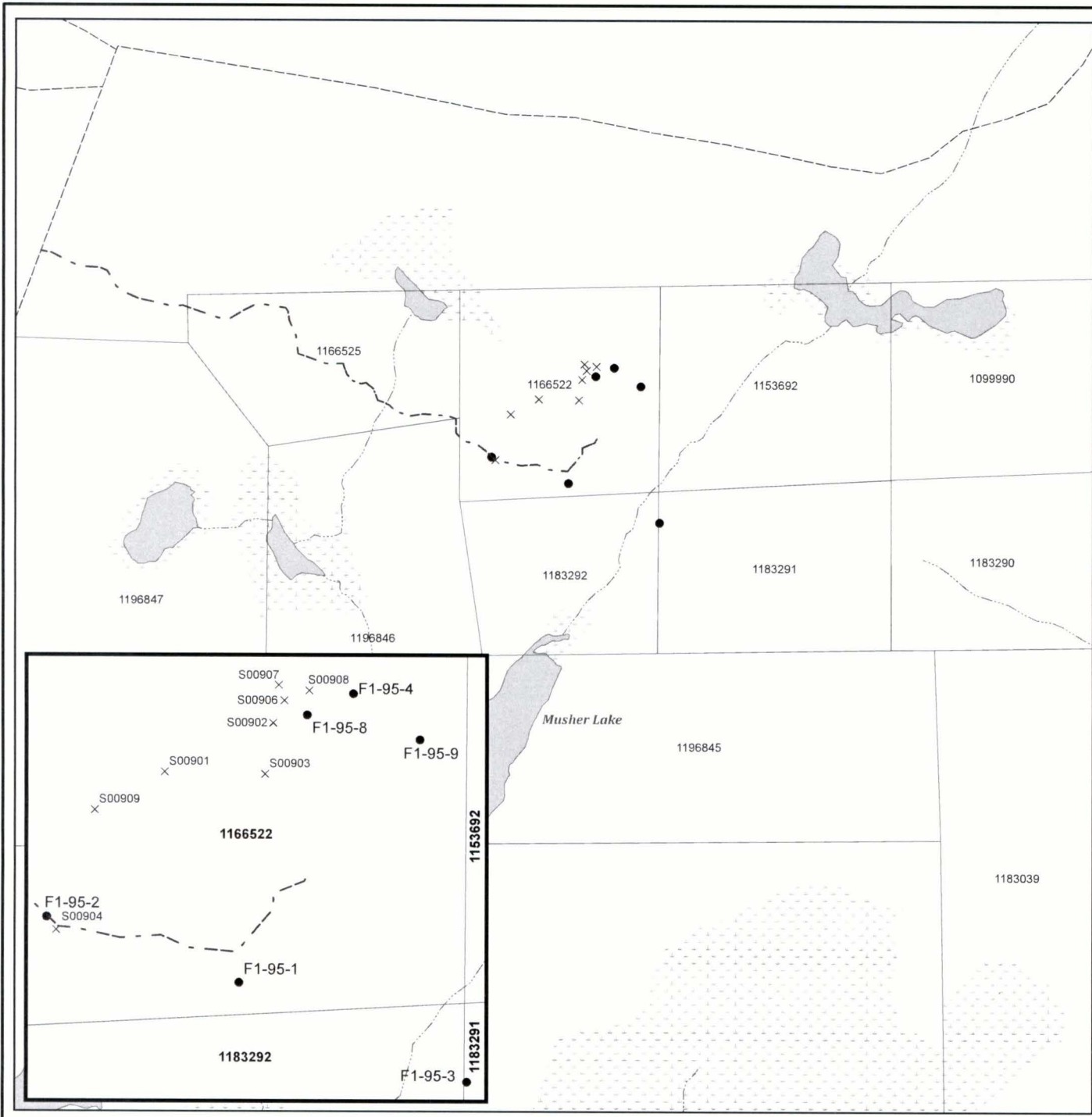
In addition, GPS mapping, of former existing trails, was also accomplished; to provide future access to historical drillholes and future unencumbered entry to property.

Recommendations

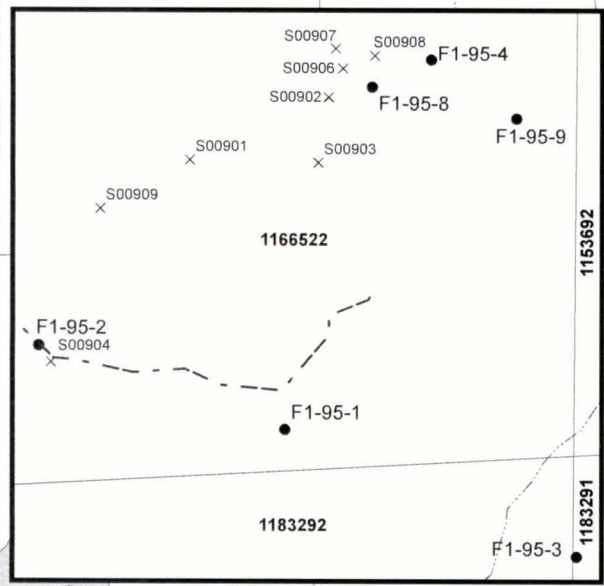
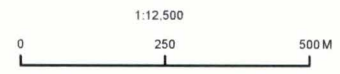
Further investigations of these occurrences are warranted. It is suggest that the following be accomplished:

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

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Figure 3.
Hemlo North Property
Outcrop Sample Collection Map



- Overgrown Trail
- Historical DDH (F1-95-X)
- Beaufield Claim Group
- × Outcrop Samples
- Service Road
- ⋯ Wetland
- Water
- ⋯ Drainage



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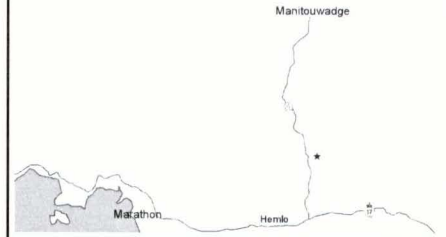
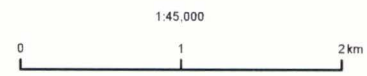
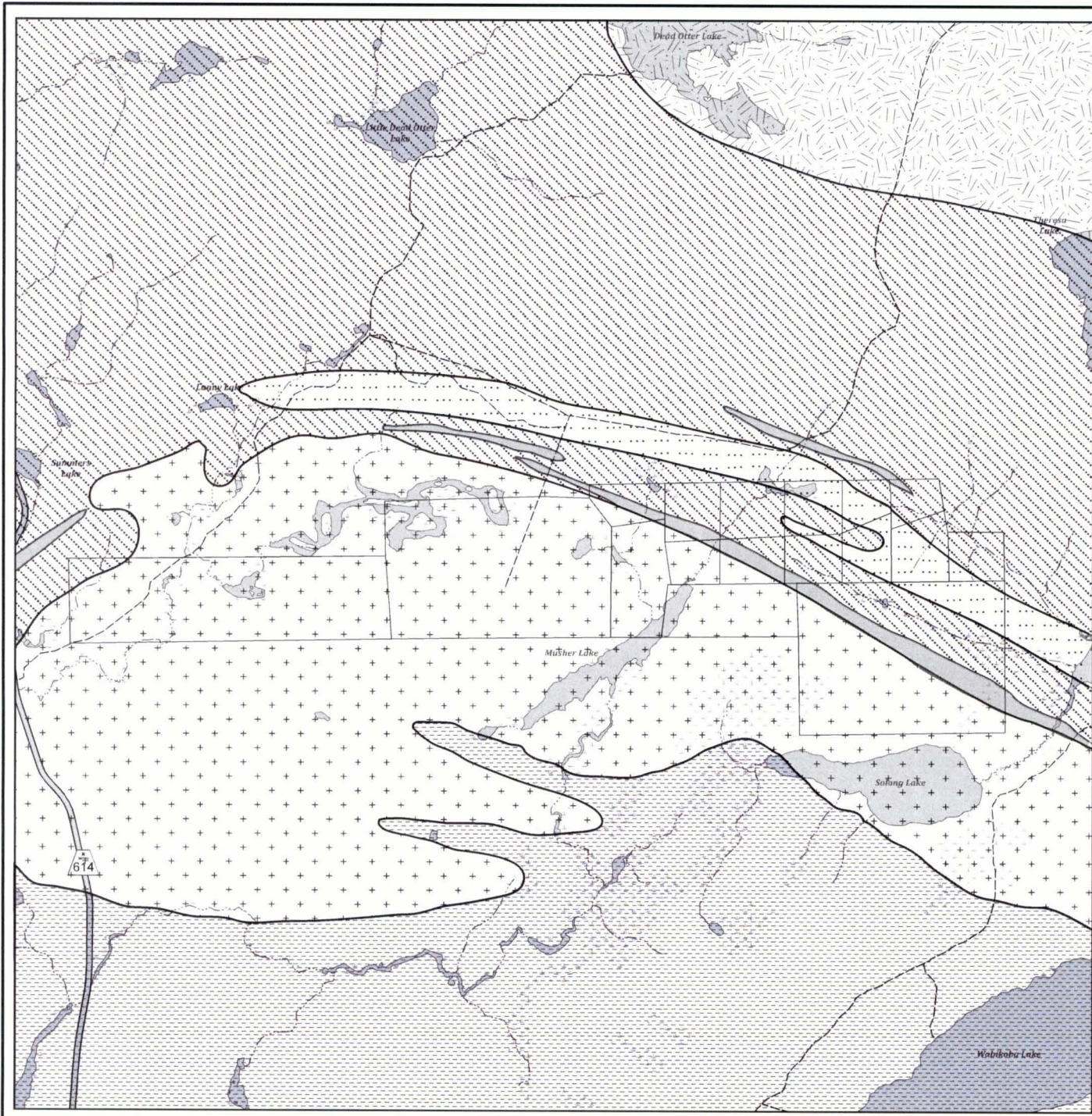
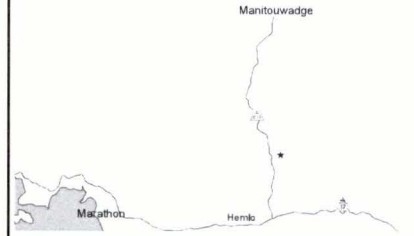
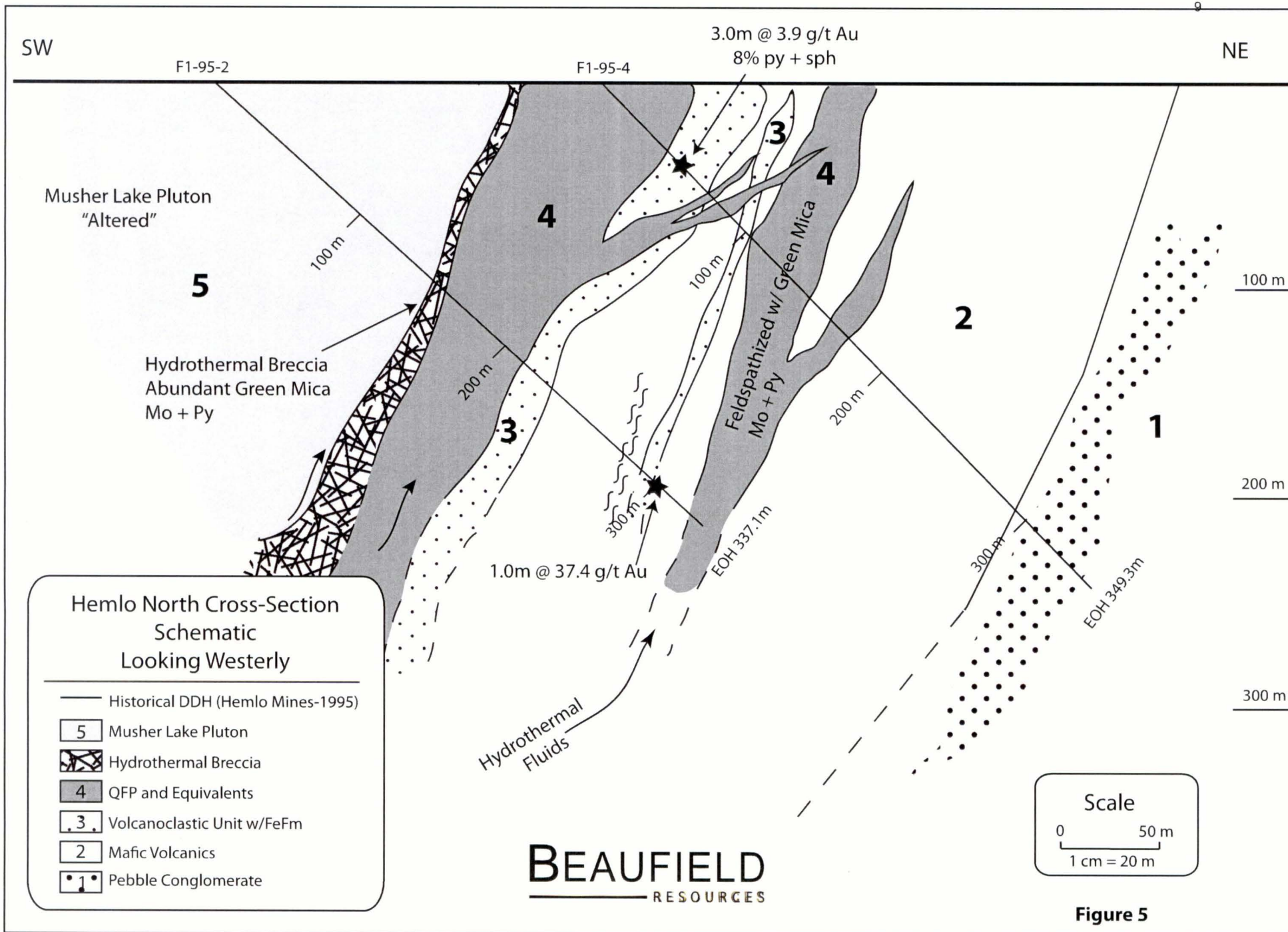


Figure 4.
Hemlo North Property
Simplified Geology Map



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Appendix A

Geochemistry

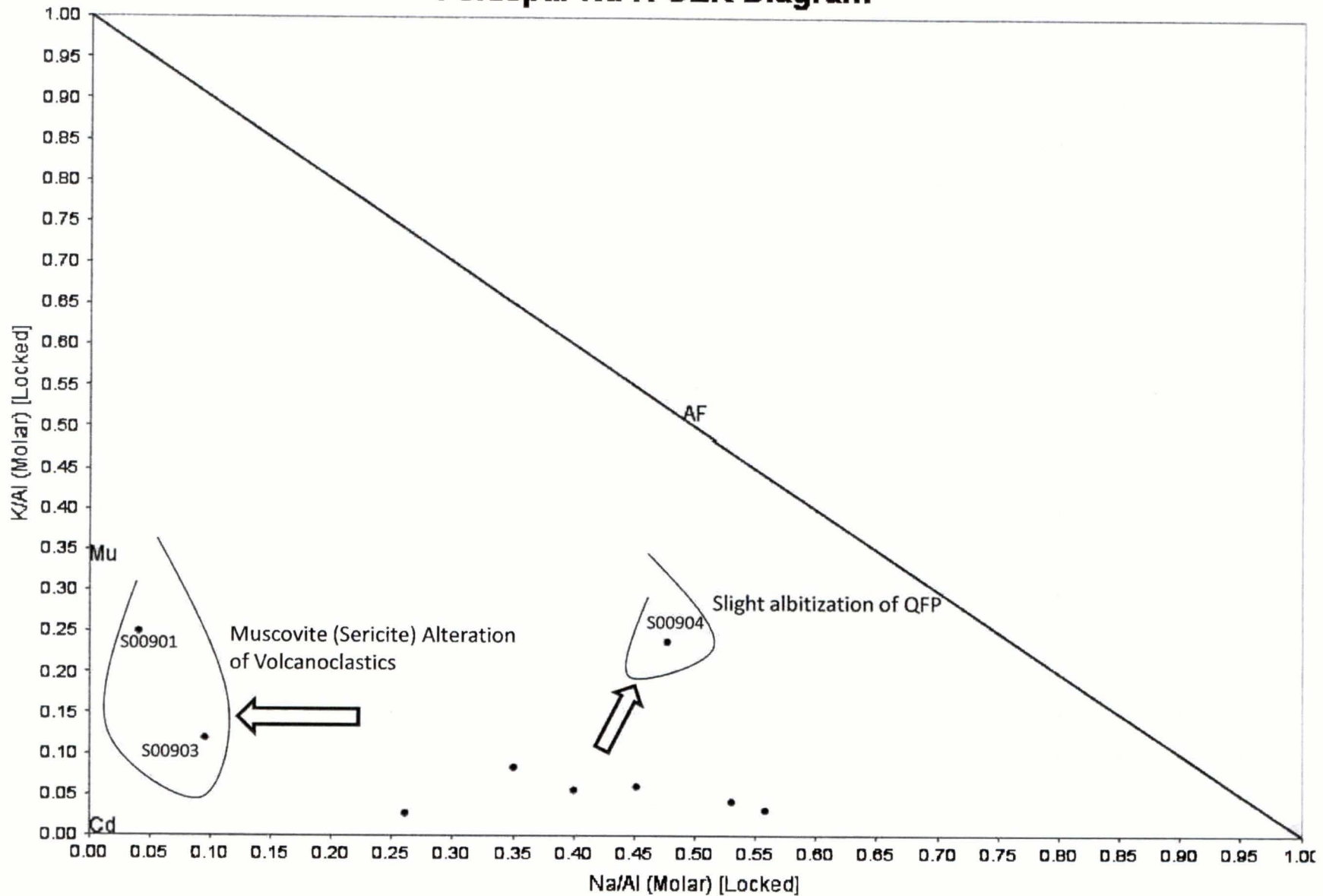
Beaufield Resources

Hemlo North Property

Table of Sample Locations (NAD 83, Zone 16)

Rock ID	Easting	Northing	Elevation	Type	RockType	Description	Struc	Strike	Dip	Alt.	Min1	Min1pct	Min2	Min2pct
S00901	589240	5409093	413.5	o/c	Int. Volcanoclastics	Mineralized, Drk-gray to white	S1	335	75	Sercite	Py	8.0	Aspy?	tr
S00902	589336	5409137	418.3	o/c	Felsic Intrusive	Rhyolite Dike? highly silicieous				Silica	Py	3	Aspy?	1
S00903	589329	5409091	414	o/c	Int. Volcanoclastics						Py	3		
S00904	589144	5408957	416.1	subcrop	QFP	Intrusive-Musher Lk								
S00905	Not Referenced	Not Referenced	376	o/c	Sediments	mineralized, granular, relict feldspar	S1	115	83		Py	3		
S00906	589346	5409157	377	o/c	Felsic Intrusive	Rhyolite Dike? highly silicieous Flowbanded? Ghostly qtz vns flooding. Marron color to some qtz vns; Ox environment?				Silica	Py	2		
S00907	589341	5409171	378	o/c	Rhyolite	Slightly mineralized, massive, diss py & FeOx				Silica/FeO	Py	20		
S00908	589368	5409166	377	o/c	Rhyolite	Contains lapilli size fragments (hard rck)				Silica	Py	1		
S00909	589178	5409059	364	o/c	Mafic volcanic					Silica				

Feldspar Na-K GER Diagram





Appendix B

Expenditures

Beaufield Geological Expenditures

	Quantity	Unit	Cost/Unit	Total (Includes GST)	Description
Florek Consulting					
Geological	2.5	Day	550	1553.75	Mapping, Prospecting, and Sample Submittal
Project Mgmt	1.5	Day	550	932.25	Data compilation download, GIS Assembly, Historical Report Review.
Kilometers	240	km	\$0.55	149.16	
Quad Rental	2	day	\$100.00	226.00	
Office Sundry	1	Lump Sum	\$50.00	56.50	
<i>Work Report</i>					
Figures, GIS Work	3	Day	550	1864.50	
Report and Assembly	3	Day	550	1864.50	
Hotel	4	Day	100	452.00	
Per Diem	4	Day	65	293.80	
AGAT LAB- Geochemistry	1	Lump Sum	362.17	362.17	
			Total	7,754.63	



5623 McAdam Road
Mississauga, Ontario
L4Z 1N9

Tel:(905) 501-9998
Fax:(905) 501-0589

INVOICE NO.14K72713M

Date:07/Oct/14

GST #: R100073238 QST #: 1212241632

Customer No	WorkOrder No	Branch	Customer P.O.	Division ID	Acct Code	District	Product
4329407	14B888463	B	HN2014	10		31	0
Date Received		AFE					
10/Sep/14							

Product ID	Product Description	Quantity	Unit Price	Extended Price
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RE:

201-071	Metals Package by 4Acid Digest / ICP/ICPMS Finish	9.00	\$18.00	\$162.00
202-552	Trace Au at 0.001-10 ppm by Fire Assay / ICP Finish (50g)	9.00	\$10.00	\$90.00
221-001	Dry, <5Kg crush to 75% passing 2 mm, split to 250 g and pulverize to 85% passing 75 um	9.00	\$7.00	\$63.00
221-022	Batch Fee	1.00	\$0.00	\$0.00

Subtotal: \$315.00

 * Should you require any information regarding this analysis, please contact your *
 * Client Project Manager @ (905) 501-9998 *
 * *
 * We appreciate and welcome your feedback which can be provided by submitting *
 * a Client Review at <http://www.agatlabs.com/resources/client-forms.cfm> *

GST: \$15.75

QST: 31.42

TERMS: NET 30 DAYS . INTEREST CHARGED ON OVERDUE ACCOUNTS AT THE RATE OF 2% PER MONTH (24% PER ANNUM).

Total: \$362.17

Corporate Office:
BEAUFIELD RESOURCES INC
 1801 MCGILL COLLEGE AVE, SUITE 950
 MONTREAL QC H3A2N4

Invoice To:
BEAUFIELD RESOURCES INC
 1801 MCGILL COLLEGE AVE, SUITE 950
 MONTREAL QC H3A2N4

Attn To: JENS HANSEN

Florek Consulting Services

6 Radisson Crescent
Marathon, Ontario P0T 2E0

Bill To:

Beaufield Resources Inc.
950-1801 McGill College Ave
Montreal, Quebec H3A 2N4

Date: 31/09/2014

Invoice: BFD_01

Description: General Services

Date	Project	Quantity	Units	Cost/Unit	Total	Description
28-Jul-14	Hemlo North	1	Day	\$550.00	\$550.00	Pre-Assessment, Reading Reports, MapInfo.
30-Jul-14	Hemlo North	1	Day	\$550.00	\$550.00	Mapping and Prospecting
30-Jul-14	Hemlo North	0.5	Day	\$550.00	\$275.00	Organized and Downloaded Data, Submitted Powerpoint
03-Sep-14	Hemlo North	1	Day	\$550.00	\$550.00	Mapping and Prospecting
08-Sep-14	Hemlo North	0.5	Day	\$550.00	\$275.00	Packed and Mailed Samples, Data Compliation
				Subtotal	\$2,200.00	
				84296 8174 RT0001 HST	\$286.00	
				Total Amount	\$2,486.00	

Florek Consulting Services

6 Radisson Crescent
Marathon, Ontario POT 2E0

Bill To:

Beaufield Resources Inc.
950-1801 McGill College Ave
Montreal, Quebec H3A 2N4

Date: 31/09/2014

Invoice: BFD_01 EXP

Description: General Services

Date	Quantity	Unit	Cost/Unit	Total	HST	Notes
Kilometers	240	day	\$0.55	\$132.00	\$17.16	60 km to Dotted Lake Rd (one-way)
Quad Rental	2	day	\$100.00	\$200.00	\$26.00	
Office Sundry	1	Lump Sum	\$50.00	\$50.00	\$6.50	sample bags, tags, boxes, field equipment, photcopy, storage
			Subtotal	\$382.00		
		84296 8174 RT0001	HST		\$49.66	
			Total Amount		\$431.66	



Appendix C

Assessment Work