### **2015 Work Assessment Report**

(Follow Up Sampling & Assaying)

Claim L-4269515

Tannahill Township (G-3717) Larder Lake, Mining Division

NTS 32 D/5

Prepared By:

Ed Shynkorenko Prospector License M-25405 MAAP D838-4240-0A12-2023

November, 2015



#### Forward:

This report addresses the 2015 exploration activities conducted on a four unit mining claim being L-4269515, situated in Tannahill Township, Larder Lake Mining Division. The said claim is held 100% by licensed prospector Peter Hermeston. The undertaken was a follow up to the research results achieved during 2014.

The subject property was prospected by Ed Shynkorenko (Lic M-25405) along with the claim holder Peter Hermeston (Lic. 1003623); both are Mining Act Awareness Program (MAAP) verified. The field work detailed in this document, being prospecting, hand sampling, and mapping, occurred on August 11<sup>th</sup>, 2015; an accumulative total of 2 mandays were expended in this effort.

The report was prepared by Ed Shynkorenko. Stations quoted in this report, and shown on the work compilation map, correspond to the assayed sample "tag number". All required illustrations and maps are contained separately within the Appendices of this document.

Expenditure rates for work, transportation, etc., were derived from industry standards.

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#### Introduction/History:

The general area of the subject property has been known to host gold since the early decades of the 20<sup>th</sup> century. The lands now contained within the boundaries of the subject property had been staked and worked off and on, over the decades. It is known that in 1931 V. Jordan staked the southwestern portion of Tannahill Township and conducted surface trenching however, he did not report additional work. In 1935 J. McClosky, and Erie Canadian Mines Ltd., completed trenching and sampling in the vicinity, with selections taken from quartz veining in shear zones returning assayed gold values of up to 29 ppm.

In 1991 G. Bastarache undertook an IP survey, stripping and drilling. His singular 96 metre drill hole intersected mafic flows and feldspar porphyry dykes with minor sulfides. In 1995 two additional holes were drilled intersecting narrow silicified mineralization. In 1996 Otis J/Pacific Mariner undertook line cutting along with magnetometer and IP surveys. The company soon afterward changed their name to Abitibi Mining Corp. / Sedex Mining Corp. From the winter of 1996 to the spring of 1997 Abitibi Mining Corp. / Sedex Mining Corp. undertook considerable drilling with an accumulative total of 6171.16 metres over their "Tannahill Township Project" which included lands now contained within the subject claim. Significant intersections were encountered and two parallel gold-bearing shear zones were ascertained. The property, being claim L-4269515 was acquired by Hermeston from the Abitibi Mining Corp. in 2014. Several mandays of "boot and hammer" prospecting were conducted in the 2014 with less than desirable assayed results achieved. Given the known high potential of the property (via past geophysics and drilling) it was felt that an additional effort should be made to ascertain additional drill target locations.

#### **List of Illustrations:**

All required maps and sketches referred to in this document are contained within the attached Appendices.

#### **Property Description and Location:**

The property is comprised of a four unit staked mining claim being L-4269515, Tannahill Township, Larder Lake Mining Division. The claim is currently held 100% by prospector Peter Hermeston. The subject property is located approximately 60 kilometres southeast of Matheson, Ontario. (See Appendix A "Location Map" and Appendix B "Claim Map & Abstract").

#### Access:

Access is best gained by utilizing Highway 101 for 59 kilometres eastward of Matheson, Ont., then highway 672 for 15 kilometres southward from its junction with Highway 101. From this point, 9 kilometres eastward along an existing logging road provides access to the property. (*See Appendix C "Access Map/Key Map"*). Access via Highway 672 from Kirkland Lake, Ontario is also available.

#### **Regional & Property Geology:**

As previously documented (Keast, 1998), the general area is "hosted in the Archean aged Blake River Group of the Abitibi sub-province. Volcanic rocks of the area are classified chemically as tholeititic and calc-alkaline. They include a wide spectrum of rock types ranging from basalts to rhyolites". Generally the property is "underlain by a wide sequence of calc-alkaline flows of predominantly basaltic and andesitic composition. The flows are a generally massive pillowed, or flow brecciated".

Localized topography conditions are commonly shared amongst the outcrops. Elevations on the property range from 310 metres to 350 metres above sea level. On average, soils consist of a dark deep organic "A" horizon covering clay, coarse gravel, and in some locations sand (See Appendix D "Regional Geology Map).



"Sample TAN-01-15 suggesting tonalite with aplite"

The subject area is situated within a traditional Boreal Forest setting. Forest cover includes black spruce, alder, cedar, and tamarack in the lower, wetter areas changing to a white spruce, jack pine, balsam fir, white birch, and trembling aspen over the more elevated areas of the property. The property is partially drained by a creek system and several intermittent draws.

#### 2015 Work Program:

#### Rationale:

The purpose of the activities reported in this document was to revisit, and more thoroughly prospect other outcrops found on the property. A similar effort on another nearby, but non-contiguous claim held by Hermeston (L-4270331), produced a promising gold value of 2.96 g/t taken from a grab sample of the local host igneous rock type in 2013. Locating additional drill target sites to further expand the known gold deposit on the property (as defined by the Abitibi Mining Corp. in the late 1990's), remains the main objective.

#### Daily Log:

August 11<sup>th</sup> 2015: two man-days were spent prospecting the property. Working as a two man team, a total of 1.1 kilometres were traversed. A meticulous examination of outcrops was undertaken. Several additional outcrops of primarily meta-volcanic rock were inspected. A total of 4 grab samples were taken with one sample of interest later assayed, being a well rounded piece of partially submerged float (TAN-01-15), which appeared to be porphyritic tonalite with aplite present. If so, this may suggest that somewhere on, or near, the property a re-melting, or successive melts, of rock took place at great depth.

No new-additional exposed-visible mineralization showings were found.

The assayed sample location was recorded in NAD 83 using a handheld GPS unit (Garmin Etrex 10 model). Routes traversed, and the location of the sample taken, are indicated on the enclosed work compilation plan (See Appendix E "Assessment Work Performed on Mining Lands" form, and Appendix F "Work Compilation Plan"). The assayed results of the sample taken are provided (See Appendix G "Assay Results & Receipts").

#### **Conclusions:**

The assayed sample, believed to be tonalite, produced a low Au value of < 0.01 ppm. However, and most surprisingly, it did produce an Ag value of 29.1 ppm, along with Cu at 248 ppm and Ni 93 ppm. These results, while being anomalous, are very similar to results found in tonalite glacial float samples captured during exploration efforts in the Upper Eastmain River area of Quebec.

#### **Recommendations:**

It is recommended that further work (drilling) be done on the property.

#### **Author Qualifications:**

The author is an honour graduate of the Sault College of Applied Arts and Technology forestry program (1980, Sault Ste. Marie, Ontario), and a long time employee with the Ministry of Natural Resources. Over the past three (plus) decades he has been exposed to numerous mining projects (Hemlo, Detour Lake, and Agrium). As a private individual he has staked and transferred numerous mining claims since 1983. An avid reader of accredited material, the author is in the ongoing process of expanding his knowledge base in order to augment his prospecting efforts. Prospecting remains his life-long hobby.

#### **Communications (Direct & Indirect):**

Richard Hughes, Abitibi Mining Corp. Vancouver B.C. Mark Luchinski, Abitibi Mining Corp. Vancouver B.C. Peter Hermeston, claim holder & fellow prospector, North Bay, Ontario.

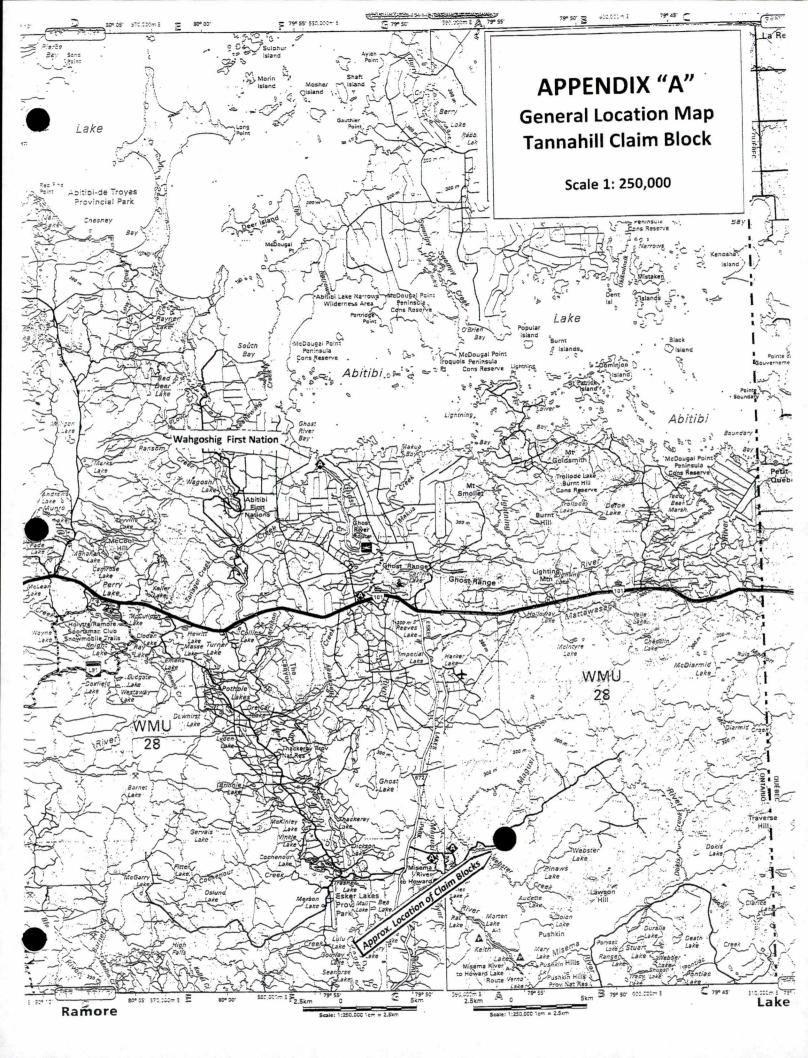
#### **References:**

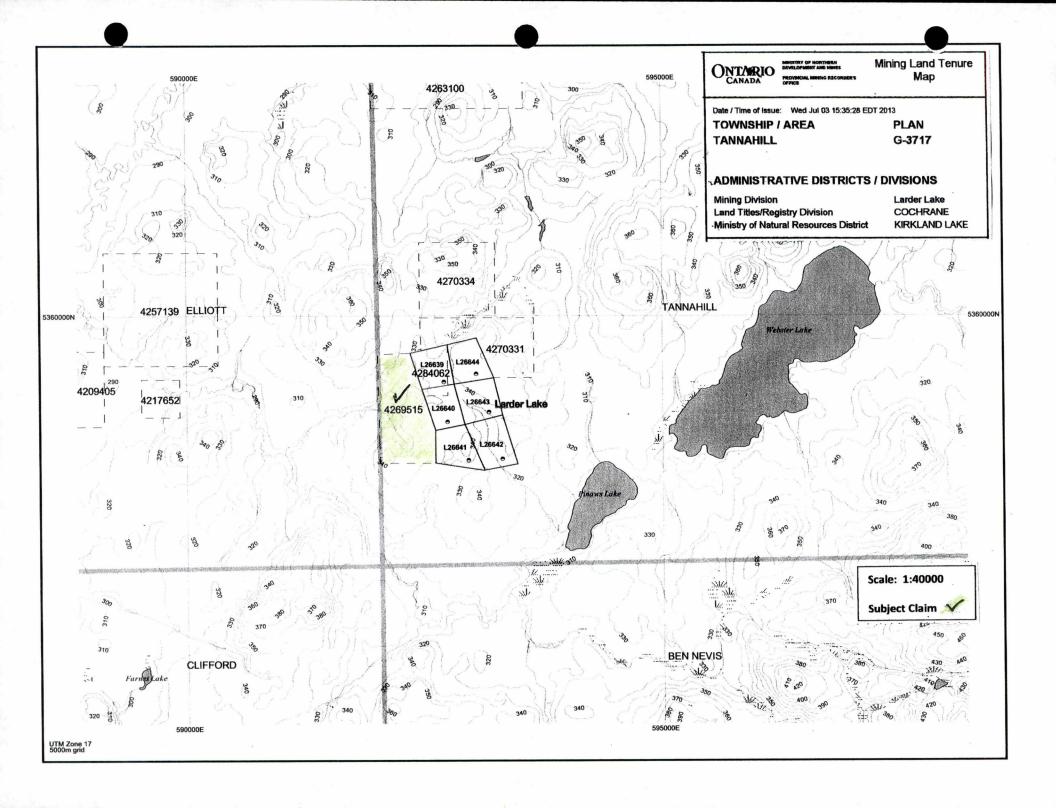
OGS Report 5439 "Industrial Minerals of Northern Ontario-Supplement 2" (Vos and Smith) 1983.

"Sedex Mining Corp. / Abitibi Mining Corp. Tannahill Project Assessment Report on Diamond Drilling" (Keast 1998).

"Geological Report for Tannahill Township" (Obradovich 1989) MND&M # 2.12966

# APPENDICES







# Ministry of Northern Development and Mines

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- News
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## Mining Claim Abstract | Main Menu | Back |

LARDER LAKE - 1	Division 80	Claim No: L 4269	515 Status: ACTIVE		
<b>Due Date:</b>	ue Date: 2016-May-24		2013-May-24		
Work Required:	\$ 1,600	Staked:	2013-May-23 16:30		
Total Work:	\$ 1,600	Township/Area:	TANNAHILL (G-3717)		
<b>Total Reserve:</b>	\$ 685	Lot Description:			
Present Work Assignment:	\$ 2,000	Claim Units:	4		
Claim Bank:	\$ 0				

#### **Claim Holders**

Recorded Holder(s) Percentage	Client Number
HERMESTON, PETER M (100.00 %)	403428

#### **Transaction Listing**

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Type	Date	Applied	Description	Performed	d Number
STAKE	R 2013-May- 24		RECORDED BY SHYNKORENKO, EDWARD (M25405)		R1380.00842
STAKE	R 2013-May- 24		SHYNKORENKO, EDWARD (194158) RECORDS 100.0 % IN THE NAME OF ABITIBI MINING CORP. (403752)		R1380.00843
OTHER	2013-Aug- 14		WORK PERFORMEDPROSP APPROVED: 2013- OCT-18	\$ 2,227	Q1380.02113
TRAN	2014-Jun- 02		ABITIBI MINING CORP. (403752) TRANSFERS 100.0 % TO HERMESTON, PETER M (403428)		T1480.00118
OTHER	2015-Jan- 13		WORK PERFORMEDASSAY, PROSP APPROVED: 2015-JAN-16	\$ 2,058	Q1580.00119
WORK	2015-Jan- 13	\$ 1,600	WORK APPLIEDASSAY, PROSP APPROVED: 2015-JAN-16		W1580.00119

#### **Claim Reservations**

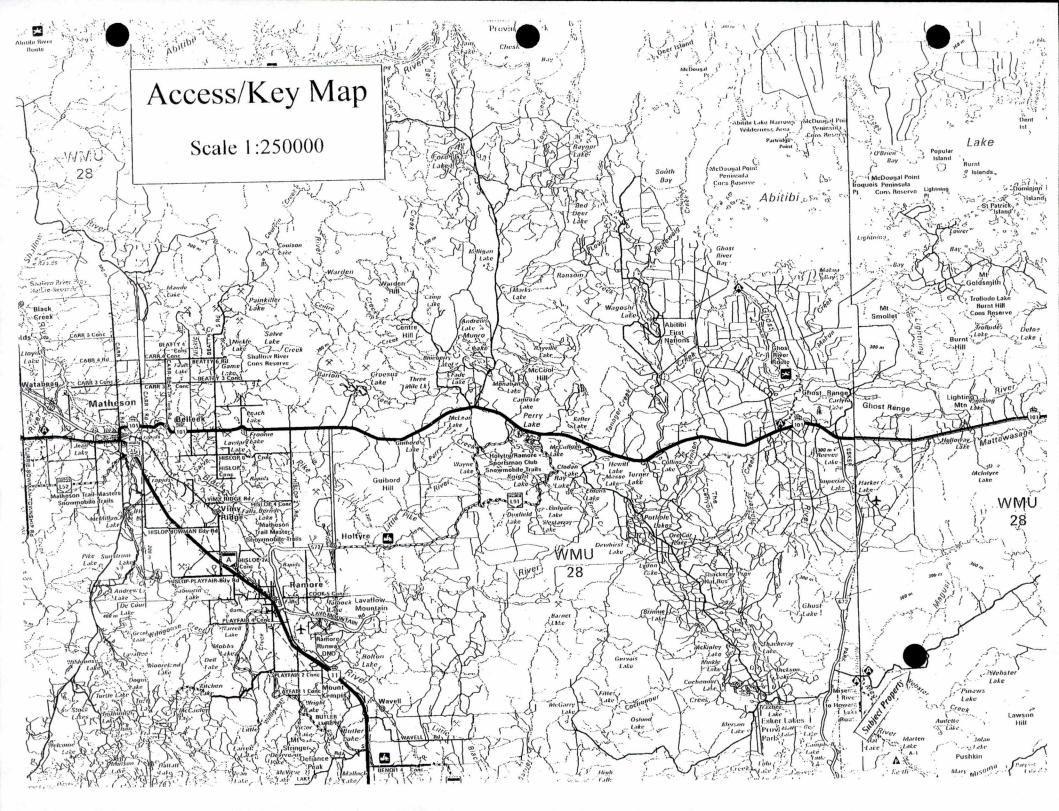
- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved
- 04 Other reservations under the Mining Act may apply
- 05 Including land under water
  - Home
  - Mines and Minerals
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**APPENDIX "D"** 

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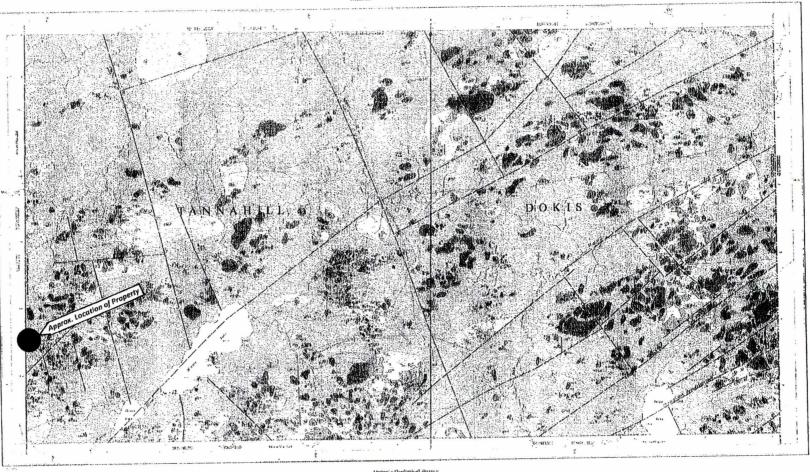
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SHYNKORENKO

Ministry of Northern Development, Mines and Forestry

#### **Assessment Work** Performed on Mining Lands

Mining Act, Subsections 65(2) and 66(3), R.S.O. 1990

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Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 7 of the Mining Act, this information is used to maintain a public record. This information will be also used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Senior Manager, Mining Lands Section, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury ON P3E 6B5. Telephone 1 888 415-9845.

For work performed on Crown Lands before recording a claim, use form Assessment Work Performed Before Recording Instructions: Claim(s)

Please type or print in ink

Submit to Geoscience Assessment Office, 933 Ramsey Lake Road, Sudbury ON P3E 6B5. Telephone 1 888 415-9845

the recorded holder (if a company, enter name of person submitting)

First Name

FOWARD

Note: All correspondence will be sent to the address on record in the Provincial Recording Office, as required under the Mining Act, subsections 19(6) and (8).

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of the facts set forth in this Assessment Work form having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

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