

2550154

2011 Work Assessment Report

Claim P-4253741

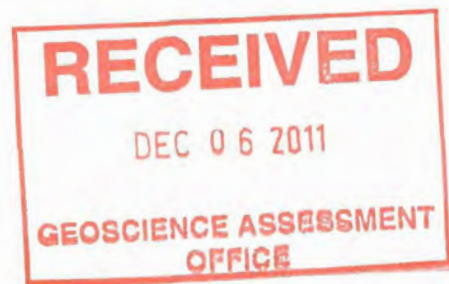
**Whalen Township (M-1179)
Porcupine Mining Division**

**NTS Map Sheet 41P/13SW
47-50-40 N 81-51-45 W**

Prepared By:



**Edward Shynkorenko
(Lic. M-25405)**



December 4th 2011

Forward:

This report builds upon what has been previously documented of the “Redore Occurrence”, a system of pegmatites known to host commodities such as beryl, tin, tantalum, and niobium, as well as considerable quantities of potassium feldspar.

The subject property is situated in the northeast quadrant of Whalen Township, Porcupine Mining Division. The said claim is currently held by Peter Hermeston (Lic.1003623)

The 2011 field work consisted of; prospecting, sampling, and mapping, all of which were accomplished over a period of two days, May 1st 2011 and one half day of September 7th 2011. All field tasks were performed by Peter Hermeston and Ed Shynkorenko (Lic.M-25405), with the assistance of fellow prospector Michael Palangio (Lic.M-25322).

The report and work compilation plan were prepared by Ed Shynkorenko. All required illustrations/maps are contained separately within the Appendices of this document.

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

NOTE: No expenditures associated with the staking of the said property, be it labour or monetary, are being submitted for assessment credits.

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Introduction/History:

The area of the subject property has been reported to host minerals associated with pegmatites. A search of files, both at the Porcupine Resident Geologist office in Timmins, and online, indicated the following:

- (a) The general area was staked in 1925 by Johns, Leach & Lahard, who undertook a work-exploration program, presumably for the feldspar component.
- (b) In 1931, a company known as “Bethnal Mineral Waters” explored mineral water potential of the general area.
- (c) In 1932, a Mr. Ramsay submitted samples of a “black mineral” taken from a trench near the Canadian National Railway (CNR) tracks to the Geological Survey of Canada for assaying. The results were not recorded.
- (d) In 1938, a Mr. Yorke-Hardy, in conjunction with the Redore Mining Company, acquired the said area along with additional adjoining claims. On December 7th, 1938 W.B Griffin, Managing Director of the Redore Mining Company wrote to the Algoma Steele Corporation Limited advising them of exploration work undertaken at Mileage 101.5 of the CNR, west of Gogama. In this letter (on file with MNDM&F) very encouraging assayed results for beryllium, tin, and columbium-tantalite were quoted. Griffin indicated that immediate plans included the establishment of an on site 50-ton magnetic separator. The area was worked until circa 1941 during which time pegmatite outcrops ranging from 30 metres to 120 metres in width, and up to 1000 metres in length were noted.
- (e) In 1946 the Redore Mining Company again worked the property. In 1948 the Redore Mining Company conducted additional exploration which included stripping, trenching, and a radiometric survey, of which the results remain unknown. It is alleged that material was removed from the site by rail.
- (f) In 1972 a Mr. W. Cushing staked the area but submitted no work for assessment.
- (g) In 1983, the Ontario Geological Survey published Industrial Minerals of Northern Ontario (Supplement 2), in which the subject property was listed as a “*major occurrence*”.
- (h) In June 1993, MND&M staff provided the general area with a physical description of the local geology.
- (i) During March and July 2010 claims adjacent to the subject property were recorded by prospector Ed Shynkorenko.

List of Illustrations:

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

Location:

The subject work area is located on the south side of the CNR at approximately Mileage 101.5. It consists of a 1 unit claim being P-4253741 Whalen Township, Porcupine Mining Division. (See Appendix A "Location Map" and Appendix B "Claim Map/Key Map, Abstracts and List").

Access:

The property is situated approximately 27 kilometres northwest of Gogama, Ontario. Access is gained by utilizing the Gogama Forest Unit road which commences westward from Highway 144 approximately 1.7 kilometres north of the Highway 144 & Highway 661 junction (See Appendix C "Access Map"). During summer months, or in winter when the road system is ploughed, the property can be readily accessed by 2 wheel drive vehicle to within 300 metres of its western edge.

Regional Geology:

Generally, as previously documented (MND&M, 1993); "*The host Kenogamissi granite body in the area consists of a massive to weakly foliated, medium grained (1 to 3mm) biotite, hornblende granite. Hornblende is anhedral and forms about 5% of the rock. Biotite forms between 5 and 10% of the rock. Quartz, which forms 20 to 30% the rock locally, has a discrete red brown stain. In the general area there are numerous small pegmatite bodies which have an irregular form but a rough average trend north-south. These pegmatites are repetitively zoned with a variable grain size and mineral percentages.*" At the locations examined on the said property the description provided by the MND&M appears to be quite adequate (See Appendix D "Regional Geology Map").

Overall, localized topography conditions are commonly shared amongst the outcrops studied, with exposed perimeters that can, more or less, be delineated via air photography. Elevations on the property range from 380 metres to 440 metres above sea level. The said exposed outcrops are, for the most part, steeply sloped along their western and easterly aspects. On average the outcrops dip sharply 75 degrees. Soils consist of a shallow organic "A" horizon covering coarse gravel and in some places sand.

The subject area is situated within a traditional Boreal Forest and Great Lakes St. Lawrence Forest transitional zone setting. Forest cover includes cedar, black spruce, and tamarack in the lower, wetter areas changing to a white spruce, white pine, jack pine, red pine, balsam fir, white birch, and red maple over the more elevated areas of the property. The property hosts a small beaver pond and is drained by a slow moving creek.

Work Program:

Rationale:

The objective of the undertaken reported in this document was to physically locate/confirm the area(s) within the boundaries of the property which may have produced the quoted 1938 assayed results of the Redore Mining Company (*Resident Geologist Timmins file T-4284*). Minerals, such as tantalum, niobium, and beryllium are expected to grow in economic importance as society further incorporates more elaborate alloys and high tech devices into everyday aspects of life. Given the documented high assay values quoted by the Redore Mining Company an effort to collect additional field information was undertaken.

Mapping and Grab Sampling:

A total of 3 intermittent man-days were spent prospecting, sampling, and mapping the exposed outcrops and numerous pegmatite veins (*See Appendix E "Assessment Work Performed Before Recording of Claim(s)" form*). The exposed areas of these particular outcrops were mapped and recorded using a handheld GPS unit (*Garmin E-Trex Venture H model*). All readings are in NAD 83 and should be considered accurate to within 3 metres, more or less.



Exposing pegmatite vein along edge of outcrop

Distances traversed, along with locations of the samples taken, are indicated on the enclosed work compilation plan (*See Appendix F "Work Compilation Plan"*). The assayed results of the samples taken are also provided (*See Appendix G "Assay Results"*).

Daily Log:

May 1st 2011:

The area of now claim P-4253741, was prospected by Ed Shynkorenko and Michael Palangio, 1.9 kilometers traversed. Four samples taken, one sample, being GO-007, was later assayed. The exposed aspects of a steeply sloped outcrop located along the eastern edge of the property, and another outcrop displaying distinct folding, situated along the western edge of the centrally located beaver pond, were inspected. Two man days expended.



Outcrop along eastern boundary of property

September 7th 2011

Claim P-4253741 was staked-prospected by Peter Hermeston with the assistance of Ed Shynkorenko; for several hours prior to, and after staking, the subject grounds were further prospected by both. An area of distinct folding, first noted on May 1st, was further inspected with one chipped sample, GO-008 taken from across a hand exposed pegmatite vein. Sample GO-009, was taken from a northerly extension of the outcrop near the east claim boundary. A total of 1.8 kilometres were traversed while prospecting.

Conclusions:

To date, the samples assayed have not confirmed the Redore Mining Company findings of 1938. However, assay results have confirmed elevated levels of thorium and phosphate.

Recommendations:

Further prospecting, sampling, and assaying be undertaken on the claim in 2012.

Author Qualifications:

The author of this document is an honour graduate of the Sault College of Applied Arts and Technology forestry program (1980, Sault Ste. Marie, Ontario), and he is a long time employee with the Ministry of Natural Resources. Throughout the past 30 years 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. In 1996 he staked, and successfully optioned, the "Case Pegmatites", situated in Steele Township, Larder Lake Division.

An avid reader of any accredited material pertaining to pegmatites the author is in the process of expanding his knowledge base in order to augment his prospecting efforts. Prospecting is his life-long hobby.

Communications (Direct & Indirect):

Peter Hermeston, claim holder and fellow prospector, Cochrane, Ontario.

Michael Palangio fellow prospector, Cochrane, Ontario

Glenn Seim, MNDM&F, Timmins Ontario / MNDM&F staff, Sudbury, Ontario

References:

OGS Report 5439 "Industrial Minerals of Northern Ontario-Supplement 2" (Vos and Smith) 1983, page 207.

GSC Report No. 23 "Geology of Canadian Beryllium Deposits" (Mulligan) 1968.

Resident Geologist Library (Timmins), Files: 2.24204, 2.29680 and T-4284

MNDM&F File: MDI41P13SW00003

APPENDICES

1:2 100 000

0 20 40 60 80 100 km

12

13

14

15

16

17

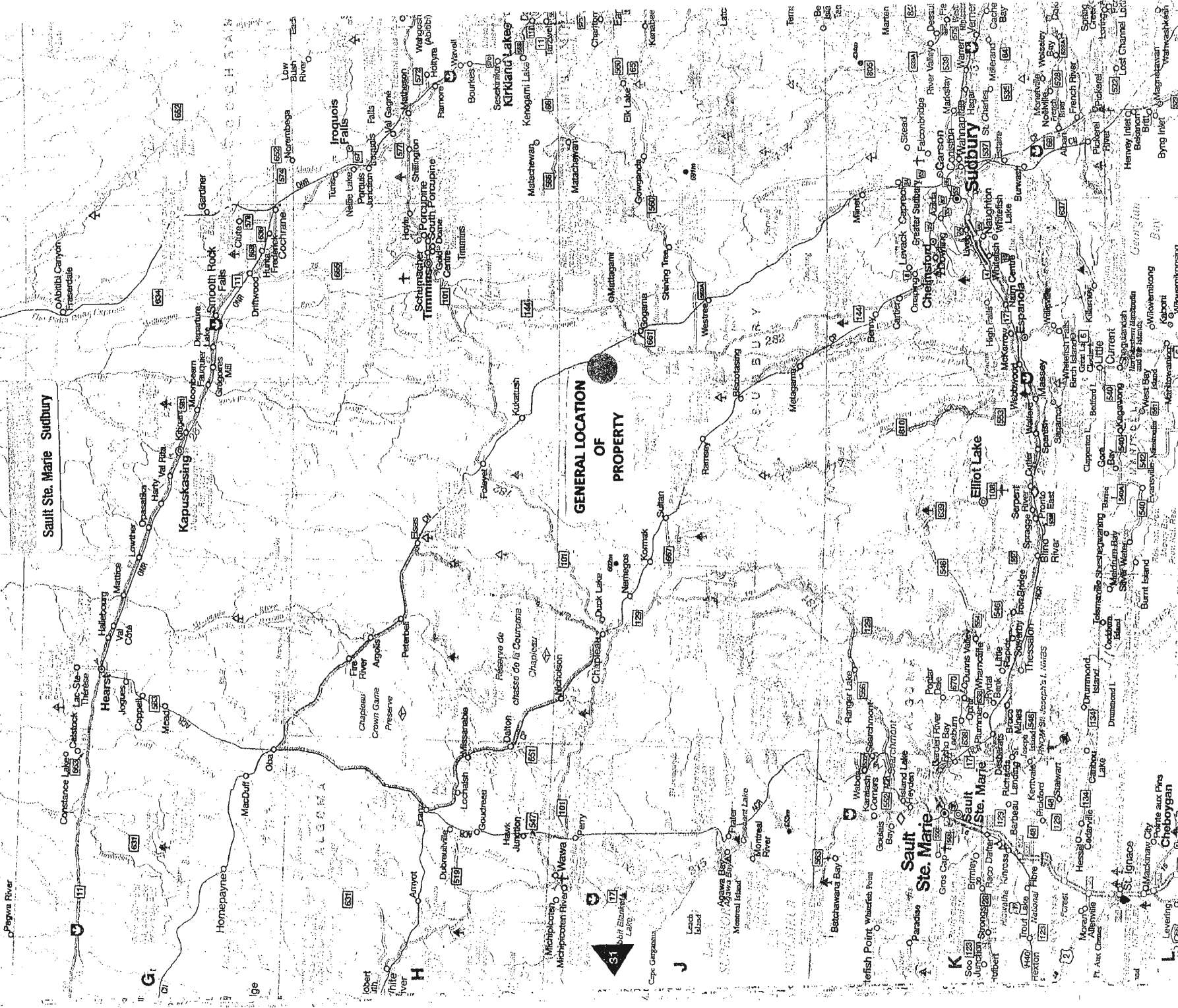
Sault Ste. Marie Soudbury

GENERAL LOCATION OF PROPERTY

Sault Ste. Marie

Sault Ste. Marie

Soudbury





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Mining Claim Abstract

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PORCUPINE - Division 60		Claim No: P 4253741		Status: ACTIVE	
Due Date:	2013-Sep-09	Recorded:	2011-Sep-09		
Work Required:	\$ 400	Staked:	2011-Sep-07 14:40		
Total Work:	\$ 0	Township/Area:	WHALEN (M-1179)		
Total Reserve:	\$ 0	Lot Description:			
Present Work Assignment:	\$ 0	Claim Units:	1		
Claim Bank:	\$ 0				

Claim Holders

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

Client Number
403428

Transaction Listing

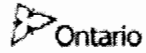
Type	Date	Applied	Description	Performed Number
STAKER	2011-Sep-09		RECORDED BY HERMESTON, PETER M (1003623)	R1160.03022

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

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Mining Claim Abstract

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PORCUPINE - Division 60		Claim No: P 4253742		Status: ACTIVE	
Due Date:	2013-Mar-29	Recorded:	2010-Mar-29		
Work Required:	\$ 3,600	Staked:	2010-Mar-27 18:38		
Total Work:	\$ 3,600	Township/Area:	WIGLE (M-1183)		
Total Reserve:	\$ 0	Lot Description:			
Present Work Assignment:	\$ 0	Claim Units:	9		
Claim Bank:	\$ 0				

Claim Holders

Recorded Holder(s) Percentage	Client Number
SHYNKORENKO, EDWARD (50.00 %)	194158
HERMESTON, PETER M (50.00 %)	403428

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2010-Mar-29		RECORDED BY SHYNKORENKO, EDWARD (M25405)		R1060.00926
OTHER	2011-Feb-07		WORK PERFORMED (ASSAY, PROSP) APPROVED: 2011-MAR-10	\$ 3,600	Q1160.00271
WORK	2011-Feb-07	\$ 3,600	WORK APPLIED (ASSAY, PROSP) APPROVED: 2011-MAR-10		W1160.00271
TRAN	2011-Oct-20		SHYNKORENKO, EDWARD (194158) TRANSFERS 50.00 % TO HERMESTON, PETER M (403428)		T1160.00409

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

11 Excluding railway right of way

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Mining Claim Abstract

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PORCUPINE - Division 60		Claim No: P 4253743	Status: ACTIVE
Due Date:	2012-Jul-29	Recorded:	2010-Jul-29
Work Required:	\$ 1,600	Staked:	2010-Jul-27 16:20
Total Work:	\$ 0	Township/Area:	WHALEN (M-1179)
Total Reserve:	<u>\$ 316</u>	Lot Description:	
Present Work Assignment:	\$ 0	Claim Units:	4
Claim Bank:	\$ 0		

Claim Holders

Recorded Holder(s) Percentage	Client Number
SHYNKORENKO, EDWARD (50.00 %)	194158
HERMESTON, PETER M (50.00 %)	403428

Transaction Listing

Type	Date	Applied	Description	Performed Number
STAKER	2010-Jul-29		RECORDED BY SHYNKORENKO, EDWARD (M25405)	R1060.02609
OTHER	2011-Feb-07		WORK PERFORMED (ASSAY, PROSP) APPROVED: \$ 316 2011-MAR-10	<u>Q1160.00271</u>
TRAN	2011-Oct-20		SHYNKORENKO, EDWARD (194158) TRANSFERS 50.00 % TO HERMESTON, PETER M (403428)	T1160.00409

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
- 06 Excluding road
- 11 Excluding railway right of way

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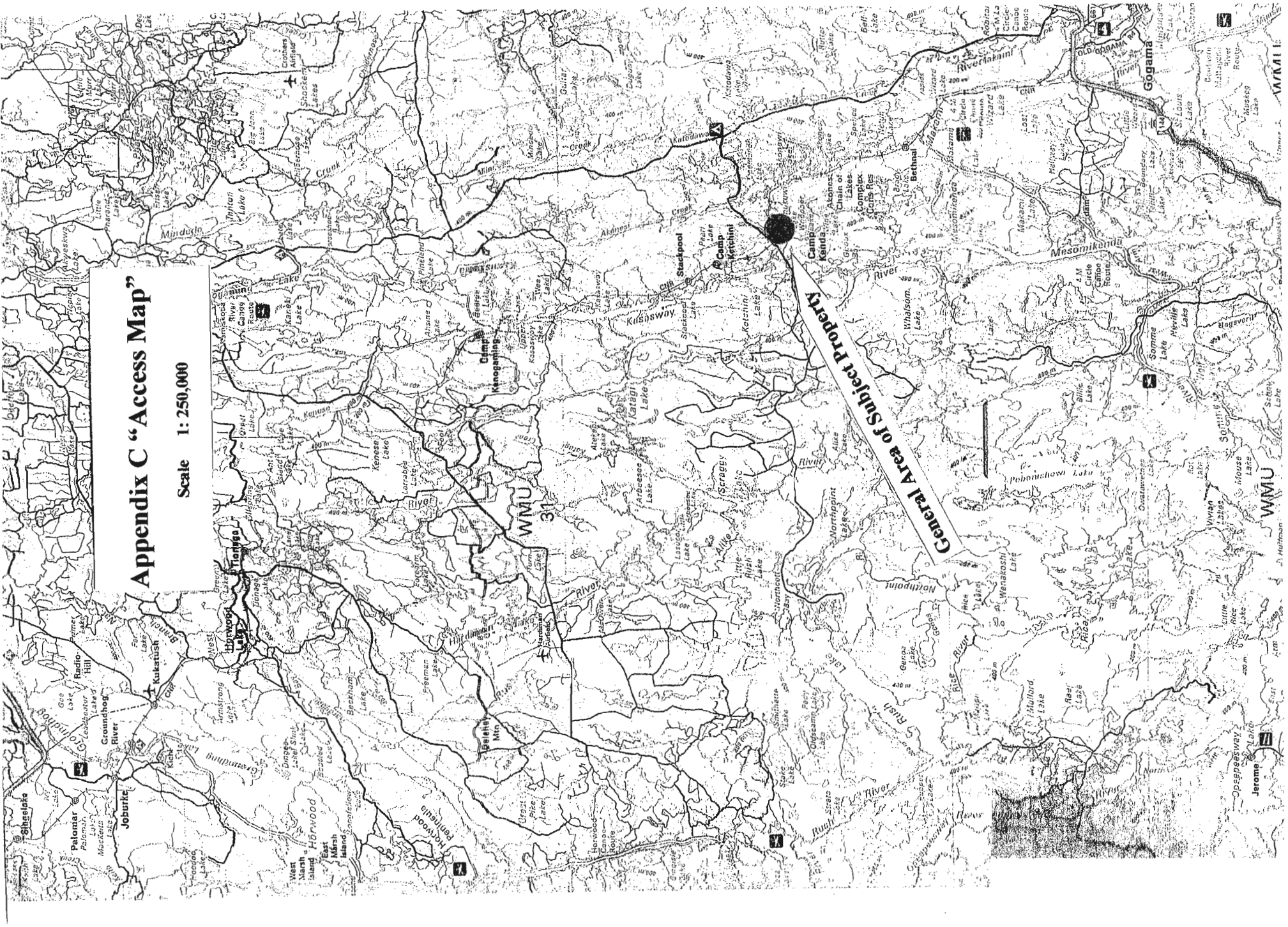
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List of Subject & Contiguous Claims

P-4253741, P-4253742, & P-4253743

Appendix C "Access Map"

Scale 1:250,000



Assessment Work Performed Before Recording Claim(s)

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

Folder Identification Number (office use)
Transaction Number (office use) W
Submission Number (office use) 2

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(2) 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.

- Instructions:
- Only use this form for regional surveys and prospecting performed on Crown land and Crown mining rights that are open for staking before a mining claim is recorded as a result of the work performed.
 - For work performed on **recorded** claims or other mining lands, use the form Assessment Work Performed on Mining Lands.
 - Please type or print in **ink**.
 - Submit to Geoscience Assessment Office, 933 Ramsey Lake Road, Sudbury ON P3E 6B5. Telephone 1 888 415-9845.

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).

1. Submitter I am an authorized agent or the recorded holder (if a company, enter name of person submitting)

Last Name Hermeston	First Name Peter	Initial M	Client number (optional) 403428
Address – Unit number, Street number, Street name 952 Fraser Street			
City, Town or Village North Bay		Province or State Ontario	Country Canada
Postal Code P1B 3X8			
Telephone number (705) 476-9131	Fax number (705) 272-8545	E-mail address (optional) phermeston@yahoo.com	

2. Provide

- your technical report and maps in paper or on a compact disc
 a current legible map showing how the contiguous mining lands are linked for assigning work
 proof of beneficial interest

3. Type of Work Performed – please check off the type of survey performed (optional)

Work Type	Survey Type
Airborne geophysical	<input type="checkbox"/> AEM <input type="checkbox"/> AMAG <input type="checkbox"/> AVLF <input type="checkbox"/> other airborne geophysical
Prospecting	<input checked="" type="checkbox"/> Prospecting
Regional or reconnaissance ground exploration	Please specify the type

Continued on next page

4. Dates and Costs of Work Performed –

This includes the date you traveled to the field or mobilized equipment to the date the technical report was completed.

From: DD/MM/YY (enter the month in full in this box e.g. 12/July/2008) 01/05/2011	To: DD/MM/YY (enter the month in full in this box e.g. 28/July/2008) 04/12/2011
---	---

Regulations – Regional surveys and prospecting performed on Crown land and mining rights open for staking are eligible for credit only if:

1. a mining claim is subsequently staked and recorded, and
2. work is performed no earlier than 1 year before the recording date of the mining claim, and
3. work performed is filed within 1 year following the recording date of the mining claim.

4(A) Work Costs

From date DD/MM/YY	To date DD/MM/YY	Work Type	Unit of Work (example: hours/day, metres of drilling, km of grid lines)	Cost per Unit of Work	Actual Costs (\$)
01/05/2011	01/05/2011	Prospecting	2 man-days	240.00	480
07/09/2011	07/09/2011	Prospecting	2 half man-days	240.00	240
15/11/2011	04/12/2011	Report and Map prep.	4 man-days	240.00	960

4(B) Associated Costs

From date DD/MM/YY	To date DD/MM/YY	Type of Associated Costs (example: supplies, mobilization, demobilization)	Actual Costs (\$)
01/05/2011	01/05/2011	Prospecting supplies; batteries, sample bags-tags, tape, etc.	10
07/09/2011	07/09/2011	Prospecting supplies; batteries, sample bags-tags, tape, etc.	10
13/05/2011	30/05/2011	Assay certificates (from sample drop off to results received)	69
26/10/2011	01/12/2011	Assay certificates (from sample drop off to results received)	67

4(C) Transportation Costs

From date DD/MM/YY	To date DD/MM/YY	Type of Transportation Costs	Actual Costs (\$)
01/05/2011	01/05/2011	Travel from Cochrane to subject property and rtn. 505 kms. x .40	202
13/05/2011	13/05/2011	Travel; Cochrane to Timmins and rtn. sample drop off 230 kms. x .40	92
26/10/2011	26/10/2011	Travel; Cochrane to Timmins and rtn. sample drop off 230 kms. x .40	92

4(D) Food and Lodging Costs

From date DD/MM/YY	To date DD/MM/YY	Type of Food and Lodging Costs	Actual Costs (\$)
01/05/2011	01/05/2011	2 meals each for 2 men	40

Total of Actual Costs (4A through 4D)	2,262
--	--------------

Enter 100% of the total amount of assessment work credits being declared for work performed **ON** the mining claims recorded after regional survey or prospecting = 2,262.00 **(\$X)**.

Enter portion of Assessment Work Credits being declared for total work performed on adjacent Crown land not subsequently staked and recorded 0.00 **(\$Y)** multiply by 0.25 = 0.00 **(\$Z)**.

See Assessment Work Regulation subsection 8(2). The \$X and \$Z totals should match column totals in table #5.

5. Credits to be Recorded and Applied, Assigned, Banked

Mining Claim Number	Number of Claim Units	Amount of Work Performed Before Staking and Recording this Claim		Amount of Credits Applied to this Claim (\$)	Amount of Credits Assigned to Other Mining Claims (\$)	Bank (Amount of credits to be applied or assigned at a future date)
		100% of costs for work on area now a mining claim	25% of costs for work on adjacent Crown land			
4253741	1	2,262.00		400.00	1,862.00	
4253743	4			1,862.00		
Column Totals		\$X 2,262	\$Z 0	2,262	1,862	0

Note: Work performed on mining claims (\$X + \$Z) = credits applied + credits banked

Schedule attached (if you have more entries attach a schedule)

6. Some of the credits claimed in this Assessment Work form may be reduced. Please indicate below how you want your credits reduced if they are not approved. Check (X) in the boxes below. **If you have not indicated how your remaining credits are to be allocated, credits will be reduced from the Bank first, followed by option number 2 if necessary.** Credits are to be cutback:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated; or
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this Assessment Work form; or
- 4. Credits are to be cut back as **shown below**:

List the claim numbers in the order you want the credits to be cut back (setting your priority list).

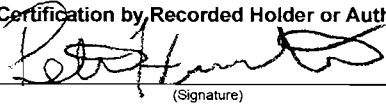
Priority	Claim Number	Priority	Claim Number
1.	4253741	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

Schedule attached (if you have more entries attach a schedule)

7. Commodities Explored for please list (optional)

Sn, Ta, Be, Nb

8. Certification by Recorded Holder or Authorized Agent

I, , do hereby certify on 05/12/2011 that I have personal (DD/MM/YYYY)

knowledge 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.



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ED SHYNKORENKO
P.O. 1715
COCHRANE ON POL 1C0

Page: 1
Finalized Date: 30-MAY-2011
Account: EDSHYN

CERTIFICATE TM11079435

Project: GOGAMA
P.O. No.:
This report is for 1 Rock sample submitted to our lab in Timmins, ON, Canada on 13-MAY-2011.
The following have access to data associated with this certificate:
ED SHYNKORENKO

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS

To: ED SHYNKORENKO
ATTN: ED SHYNKORENKO
P.O. 1715
COCHRANE ON POL 1C0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON P0L 1C0

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 30-MAY-2011
 Account: EDSHYN

Project: GOGAMA

CERTIFICATE OF ANALYSIS TM11079435

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
GO-7		0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
		0.18	0.05	0.18	0.7	<0.2	<10	10	0.17	0.09	0.08	0.02	6.36	1.1	6	5.03

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 30-MAY-2011
 Account: EDSHYN

Project: GOGAMA

CERTIFICATE OF ANALYSIS TM11079435

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm	ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn, ppm	ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm
GO-7		1.3	5.79	10.60	0.09	1.87	0.06	0.024	0.03	4.2	6.9	0.02	836	0.18	0.08	1.98

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ED SHYMKORENKO
 P.O. 1715
 COCHRANE ON POL 1C0

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 30-MAY-2011
 Account: EDSHYN

Project: GOGAMA

CERTIFICATE OF ANALYSIS TM11079435

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Sg ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %
GO-7		0.7	30	37.8	4.1	<0.001	<0.01	0.23	1.5	<0.2	1.6	2.3	0.01	<0.01	50.3	0.089

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 30-MAY-2011
 Account: EDSHYN

Project: GOGAMA

CERTIFICATE OF ANALYSIS TM11079435

Sample Description	Method Analyte Units LOR	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
GO-7		0.02	11.60	28	0.07	6.91	105	43.7

***** See Appendix Page for comments regarding this certificate *****



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 30-MAY-2011
Account: EDSHYN

Project: GOGAMA

CERTIFICATE OF ANALYSIS TM11079435

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).



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To: **ED SHYNKORENKO**
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INVOICE NUMBER 2295502

BILLING INFORMATION	
Certificate:	TM11079435
Sample Type:	Rock
Account:	EDSHYN
Date:	30-MAY-2011
Project:	GOGAMA
P.O. No.:	
Quote:	
Terms:	Due on Receipt C3
Comments:	

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	31.50	31.50
1	PREP-31	Crush, Split, Pulverize	7.10	7.10
0.18	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.65	0.12
1	ME-MS41	51 anal. aqua regia ICPMS	18.55	18.55
1	GEO-AR01	Aqua regia digestion	3.50	3.50

SUBTOTAL (CAD) \$ 60.77
 R100938885 HST ON \$ 7.90
TOTAL PAYABLE (CAD) \$ 68.67

To: **ED SHYNKORENKO**
 ATTN: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON POL 1C0

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ED SHYNKORENKO**
P.O. 1715
COCHRANE ON P0L 1C0

Page: 1
Finalized Date: 28-NOV-2011
This copy reported on
1-DEC-2011
Account: EDSHYN

CERTIFICATE TM11222764

Project:
P.O. No.:
This report is for 2 Rock samples submitted to our lab in Timmins, ON, Canada on 26-OCT-2011.

The following have access to data associated with this certificate:
ED SHYNKORENKO

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS

To: **ED SHYNKORENKO**
ATTN: ED SHYNKORENKO
P.O. 1715
COCHRANE ON P0L 1C0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON P0L 1C0

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 28-NOV-2011
 Account: EDSHYN

CERTIFICATE OF ANALYSIS TM11222764

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
GO-008		0.11	0.03	0.20	0.2	<0.2	<10	30	0.06	0.07	0.03	<0.01	4.42	0.5	19	0.40
GO-009		0.80	0.03	0.15	<0.1	<0.2	<10	<10	0.08	0.06	0.05	0.01	1.89	0.4	10	0.55

Comments: ***Corrected copy with sample IDs changed to GO-008 and GO-009***

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 28-NOV-2011
 Account: EDSHYN

CERTIFICATE OF ANALYSIS TM11222764

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
GO-008		5.1	0.52	0.91	<0.05	0.06	<0.01	<0.005	0.15	2.2	2.4	0.01	61	0.19	0.06	0.32
GO-009		1.2	0.29	0.88	<0.05	0.05	<0.01	<0.005	0.04	0.6	5.9	0.07	58	0.08	0.06	0.74

Comments: ***Corrected copy with sample IDs changed to GO-008 and GO-009***

***** See Appendix Page for comments regarding this certificate *****



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To: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON P0L 1C0

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 28-NOV-2011
 Account: EDSHYN

CERTIFICATE OF ANALYSIS TM11222764

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Tc ppm	Th ppm	Ti %
GO-008		2.5	10	3.6	10.8	<0.001	0.01	<0.05	0.2	<0.2	0.2	13.3	<0.01	<0.01	1.9	0.007
GO-009		3.8	10	8.5	3.8	<0.001	0.01	<0.05	0.3	<0.2	0.2	2.7	<0.01	<0.01	5.5	0.011

Comments: ***Corrected copy with sample IDs changed to GO-008 and GO-009***

***** See Appendix Page for comments regarding this certificate *****



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 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON P0L 1C0

Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 28-NOV-2011
 Account: EDSHYN

CERTIFICATE OF ANALYSIS TM11222764

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.05	0.05	2	0.5
GO-008		0.06	0.54	4	<0.05	0.23	8	1.6
GO-009		0.02	1.75	1	0.07	0.68	8	1.1

Comments: ***Corrected copy with sample IDs changed to GO-008 and GO-009***

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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To: ED SHYNKORENKO
P.O. 1715
COCHRANE ON P0L 1C0

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 28-NOV-2011
Account: EDSHYN

CERTIFICATE OF ANALYSIS TM11222764

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).



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To: **ED SHYNKORENKO**
P.O. 1715
COCHRANE ON POL 1C0

INVOICE NUMBER 2446448

BILLING INFORMATION	
Certificate:	TM11222764
Sample Type:	Rock
Account:	EDSHYN
Date:	28-NOV-2011
Project:	
P.O. No.:	
Quote:	
Terms:	Due on Receipt C3
Comments:	

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
2	PREP-31	Crush, Split, Pulverize	7.10	14.20
0.91	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.65	0.59
2	ME-MS41	51 anal. aqua regia ICPMS	18.55	37.10
2	GEO-AR01	Aqua regia digestion	3.50	7.00

To: **ED SHYNKORENKO**
 ATTN: ED SHYNKORENKO
 P.O. 1715
 COCHRANE ON POL 1C0

SUBTOTAL (CAD)	\$	58.89
R100938885 HST ON	\$	7.66
TOTAL PAYABLE (CAD)	\$	66.55

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7

Date / Time of Issue: Tue Oct 18 13:48:43 EDT 2011
TOWNSHIP / AREA PLAN
WHALEN M-1179
ADMINISTRATIVE DISTRICTS / DIVISIONS
 Mining Division Porcupine
 Land Titles/Registry Division SUDBURY
 Ministry of Natural Resources District TIMMINS

TOPOGRAPHIC

- Waterways (Barelines)
- Waterways (Blue)
- Waterways (Green)
- Waterways (Pink)
- Waterways (Purple)
- Waterways (Red)
- Waterways (Yellow)
- Waterways (Grey)
- Waterways (Black)
- Waterways (Light Blue)
- Waterways (Light Green)
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- Waterways (Light Light Black)

Land Tenure

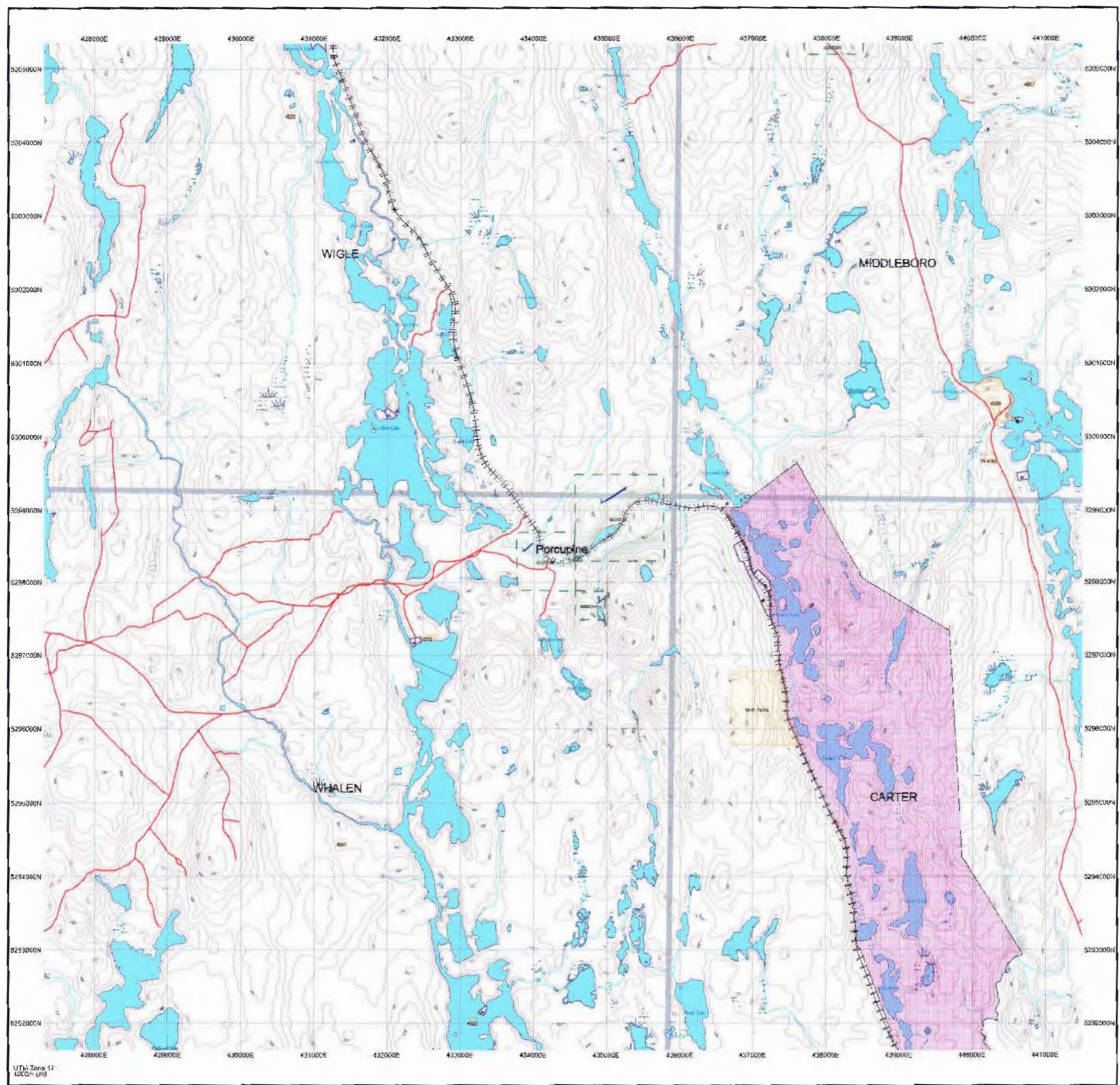
- Waterways (Blue)
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LAND TENURE WITHDRAWALS

- Waterways (Blue)
- Waterways (Green)
- Waterways (Pink)
- Waterways (Purple)
- Waterways (Red)
- Waterways (Yellow)
- Waterways (Grey)
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- Waterways (Light Light Pink)
- Waterways (Light Light Purple)
- Waterways (Light Light Red)
- Waterways (Light Light Yellow)
- Waterways (Light Light Grey)
- Waterways (Light Light Black)

IMPORTANT NOTICES

Scale: 1:50,000



LAND TENURE WITHDRAWAL DESCRIPTIONS

Withdrawal No.	Type	Date	Description
4217	W-1	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-1 OF ALL CLAIMS AND...
4218	W-2	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-2 OF ALL CLAIMS AND...
4219	W-3	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-3 OF ALL CLAIMS AND...
4220	W-4	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-4 OF ALL CLAIMS AND...
4221	W-5	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-5 OF ALL CLAIMS AND...
4222	W-6	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-6 OF ALL CLAIMS AND...
4223	W-7	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-7 OF ALL CLAIMS AND...
4224	W-8	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-8 OF ALL CLAIMS AND...
4225	W-9	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-9 OF ALL CLAIMS AND...
4226	W-10	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-10 OF ALL CLAIMS AND...
4227	W-11	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-11 OF ALL CLAIMS AND...
4228	W-12	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-12 OF ALL CLAIMS AND...
4229	W-13	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-13 OF ALL CLAIMS AND...
4230	W-14	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-14 OF ALL CLAIMS AND...
4231	W-15	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-15 OF ALL CLAIMS AND...
4232	W-16	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-16 OF ALL CLAIMS AND...
4233	W-17	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-17 OF ALL CLAIMS AND...
4234	W-18	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-18 OF ALL CLAIMS AND...
4235	W-19	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-19 OF ALL CLAIMS AND...
4236	W-20	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-20 OF ALL CLAIMS AND...
4237	W-21	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-21 OF ALL CLAIMS AND...
4238	W-22	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-22 OF ALL CLAIMS AND...
4239	W-23	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-23 OF ALL CLAIMS AND...
4240	W-24	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-24 OF ALL CLAIMS AND...
4241	W-25	2011-10-18	400 000' SQUARES RESERVED FOR REGISTRATION OF THE W-25 OF ALL CLAIMS AND...

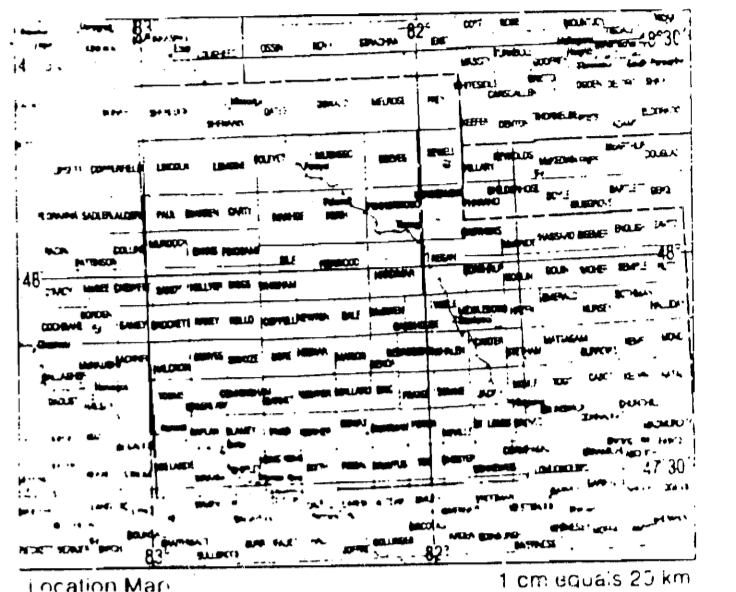
SUBJECT CLAIMS ✓

GEOLOGICAL COMPILATION OF THE SWAYZE AREA, ABITIBI GREENSTONE BELT

Scale 1:100 000

UTM, Heterocentric, 41 Q 7, 8, 9, 10, 11, 14, 15, 16, 41 P 5, 12, 13, 47 A 4, 5, 42 B 1, 2, 3, 6, 7, 8

Map is published with permission of the Senior Manager, Precambrian Geoscience Section, Ontario Geological Survey.



THE ABITIBI SUBPROVINCE

The Abitibi Subprovince is an 800 by 300 km Archaean granite-greenstone domain situated along the southern margin of the Superior Craton. It is dominated by supracrustal and granitoid rocks with a range of ages from 2.75 to 2.67 Ga (Jackson and Fry 1991). The Abitibi greenstone belt was considered to be the western margin of the Abitibi Subprovince extending to the western margin of the extensive granitoid complexes west of Timmins. New mapping and geophysical evidence (Heather et al. 1995) shows that the Abitibi greenstone belt contains many of the structures and stratigraphic ages typical of the Abitibi belt in the Timmins-Kirkland Lake area and is now interpreted to represent a deeper erosional level of a once-continuous Abitibi-greenstone belt extending to the Kapuskasing Structural Zone.

The Abitibi greenstone belt is one of the world's largest, best preserved and most economically productive greenstone belts in the world. The Swayze map sheet covers the area from approximately 15 km east of Gogama to the west as the Kapuskasing Structural Zone, and from approximately 20 km south of Gogama. Rocks are classified on the basis of their dominant lithology using textures, structures and both appropriate and specific compositions to refine the classification. Geological information has been primarily compiled from previous mapping. New interpretations of the extent of lithological units, specifically in the areas lacking outcrop, have greatly benefited from the use of the reprocessed geophysical data for this area (Gupta 1995, 1996). As well, geochemical data have allowed for the further subdivision of the metavolcanic rocks.

Significant gold occurrences and past producing gold mines indicate the area's potential for gold mineralization. Copper-zinc mineralization is found in association with supracrustal rock formation and with metavolcanic sequences. Potential exists for nickel-copper-platinum in the ultramafic/mafic rocks identified in the area. Industrial minerals including barite and silica have been produced in the past, while the Penhorwood Mine is presently producing talc.

SYMBOLS

Geological contact	Bedding, pillows, facing direction known (trend only, overturned)
Fault	Bedding, pillows, facing direction known (overturned and magnitude of dip uncertain)
Dike	Bedding, unsubsided, facing direction unknown (inclined, vertical)
Anticline	Bedding, dipping, facing direction known from crossbedding (inclined, overturned)
Syncline	Bedding, dipping, facing direction known from crossbedding (inclined, overturned)
Compositional layering, unknown generation (inclined, vertical)	Foliation, unknown generation (inclined, vertical, trend only)
Bedding, facing direction known from grading (overturned, magnitude of dip uncertain)	Schistosity (inclined)
Bedding, facing direction known from structural features other than grading and crossbedding (vertical, overturned)	Geochronological sample location and result

SOURCES OF INFORMATION

The geological compilation of the Swayze area is the fourth in a series of 1:100 000 maps and GIS data sets of the Abitibi Subprovince (Ontario Geological Survey) being compiled over the next few years.

This geological map of the Swayze area was compiled from published maps and reports of the Ontario Geological Survey and the Geological Survey of Canada. In addition, information from unpublished reports and maps by geologists in the Ontario Geological Survey, University of Toronto, professional journals, geophysical maps and satellite images were used. Maps and reports that were extensively consulted include: Gupta (1995, 1996); Heather and Shore (1995 and Heather 1995).

The map interpretation was further enhanced by utilizing the Earth Resources and Land Information System (ERLIS) databases such as the Assessment File Resource Inventory (AFRI), the Drill Hole (DH) database, the Lithochemical (LIG) database and the Mineral Occurrence Inventory (MOI) database. Other data sets used include satellite imagery including Landsat Thematic Mapper images and Digital Elevation Model (DEM) produced by the Ministry of Natural Resources, Ontario.

Base map assembled by the Ontario Geological Survey. A vector mosaic of Ontario Digital Topographic Data Base (1:200 000 Ontario Basic Mapping Program (OBMP) maps) was digitally compiled at a scale of 1:50 000 based on the Universal Transverse Mercator (UTM) projection and grid system, Zone 17, North American Datum 1927.

REFERENCES

Ayer, J.A. 1995. Precambrian geology, northern Swayze greenstone belt. Ontario Geological Survey, Report 297, 57p.

Ayer, J.A., Berger, B.R. and Trowell, N.F. 1999. Geological compilation of the Lake Abitibi area, Abitibi greenstone belt, Ontario Geological Survey, Preliminary Map P.3379, scale 1:100 000.

Ayer, J.A., Trowell, N.F., Mason, Z., Wilson, A., Messier, L. and Matthews, S.J. 1998. Geological compilation of the Timmins area, Abitibi greenstone belt, Ontario Geological Survey, Miscellaneous Research Data 36. GIS data in ArcView and AutoCAD formats.

Burgess, J.W. 1978. Geology of the Howwood Lake area, District of Sudbury, Ontario Geological Survey, Report 169, 67p.

Gupta, V.K. 1995. Ontario airborne magnetic and electromagnetic geophysical survey progress report: Summary of Field Work and Other Activities 1994. Ontario Geological Survey Miscellaneous Paper 166, p.168-176.

Gupta, V.K. 1996. Processing of airborne magnetic and electromagnetic geophysical survey progress report: Summary of Field Work and Other Activities 1995. Ontario Geological Survey Miscellaneous Paper 164, p.199-204.

Heather, K.B. 2001. The geological evolution of the Archaean Swayze Greenstone Belt, Superior Province, Canada. PhD thesis, Keele University.

Heather, K.B. and Shore, G.T. 1999. Geology, Swayze greenstone belt, Ontario Geological Survey of Canada, Open File 33844-1 (Sheet 1), scale 1:50 000.

Heather, K.B., Shore, G.T. and van Breemen, O. 1995. The convoluted 'layer cake' an old recipe with new ingredients for the Swayze greenstone belt, southern Superior Province, Ontario. In Current Research 1995-C. Geological Survey of Canada, p.1-10.

Jackson, S.L. and Fry, J.A. 1991. The western Abitibi Subprovince in Ontario. In Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p.404-482.

Magnetic declination in 2001 through the center of the map area was 4° 41' W. Mean annual change is 0.8' eastward.

Swayze area: 1:50 000 scale map.

CREDITS

Geological compilation and interpretation: J. Ayer and N.F. Trowell.

Compilation of mineral deposit data: J. Ayer, N.F. Trowell and I. Valarik.

Preparation of cover sheet: J. Ayer, N.F. Trowell and I. Valarik.

Preparation of geophysical maps: J. Ayer, N.F. Trowell and I. Valarik.

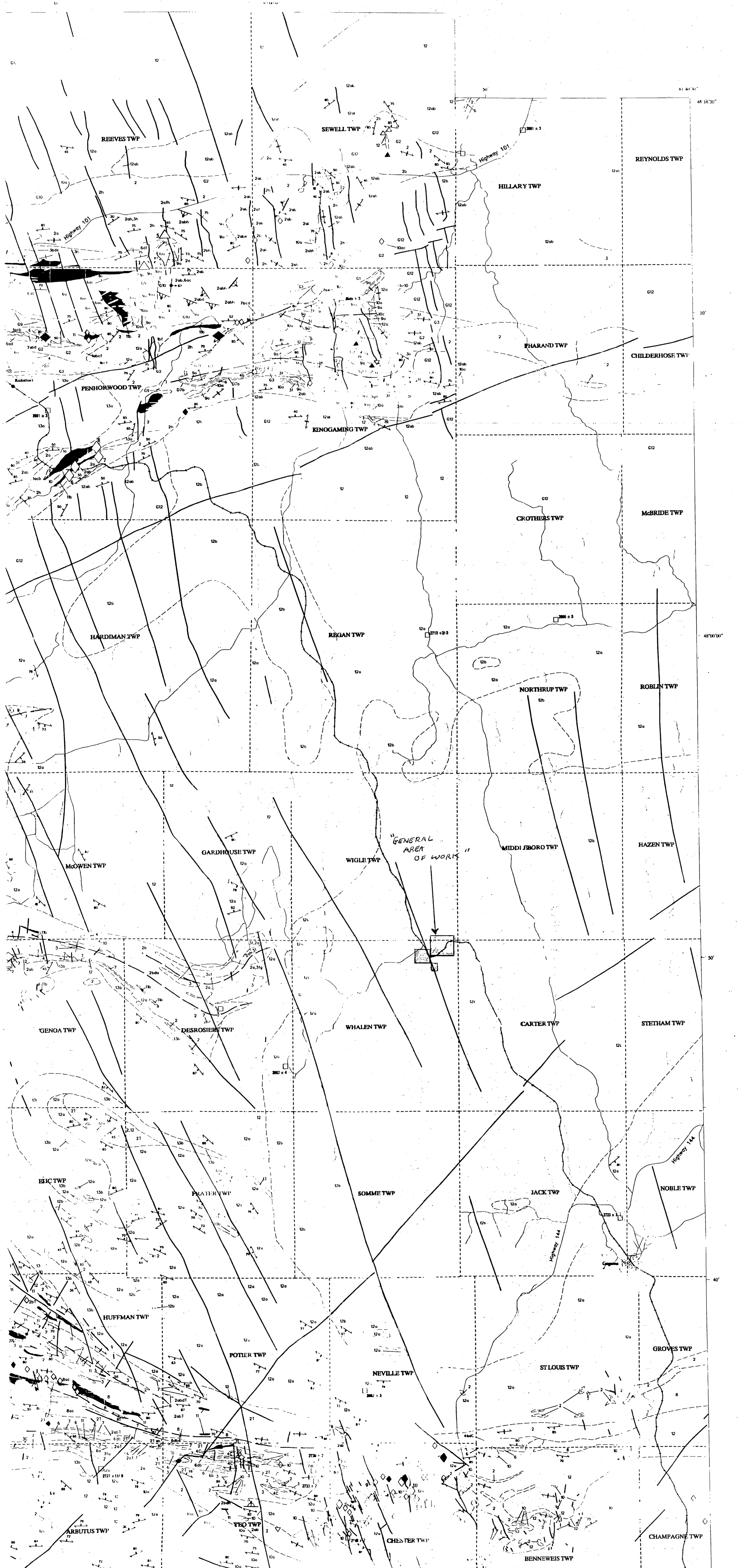
GIS compilation of data: J. Ayer, N.F. Trowell and I. Valarik.

To ensure the rapid dissemination of this information, which has received a technical review, the Ontario Geological Survey has prepared a technical report. The Ontario Ministry of Northern Development and Forestry should be contacted for information on how to obtain a copy.

Issued 2002.

Information from this publication is for informational purposes only. It is recommended that you consult with a professional before using this information.

Ayer, J.A. and Trowell, N.F. 1999. Geological compilation of the Timmins area, Abitibi greenstone belt, Ontario Geological Survey, Preliminary Map P.3379, scale 1:100 000.



LEGEND

PHANEROZOIC

CENOZOIC

QUATERNARY

Pleistocene and Recent
Sand, gravel, clay, and silt

PRECAMBRIAN

PROTEROZOIC

Diabase Dikes
15a. Mafic (ultramafic) to mafic
15b. Basaltic to mafic
15c. Basaltic to mafic
15d. Alkali

ARCHAEN

NEOARCHAEN

13 Alkalic Intrusive Suite
13a. Systemic monzonite-granite
13b. Dorsite syenite
13c. Schistose rocks

12 Felsic to intermediate-intrusive suite
12a. Tonalite to granodiorite
12b. Granite to quartz diorite
12c. Schistose rocks

10 Mafic Intrusive Rocks
10a. Basaltic to mafic
10b. Basaltic to mafic
10c. Basaltic to mafic
10d. Granophyre

9 Ultramafic Intrusive Rocks
9a. Peridotite
9b. Schistose rocks

8 Timiskaming-Type Clastic Metasedimentary Rocks
8a. Arenite
8b. Wacke
8c. Conglomerate
8d. Mudstone, siltstone
8e. Schistose-textured

7 Chemical Metasedimentary Rocks
7a. Calcarenite
7b. Quartzite
7c. Siltstone
7d. Sandstone
7e. Grauwacke

6 Clastic Metasedimentary Rocks
6a. Arenite
6b. Wacke
6c. Conglomerate
6d. Mudstone, siltstone
6e. Schistose-textured

5 Alkalic to Calc-Alkalic Metavolcanic Rocks/Intrusions
5a. Massive flows
5b. Porphyritic flows
5c. Tuft
5d. Breccia, pyroclastic breccia

4 Felsic (to intermediate) Metavolcanic Rocks/Intrusions
4a. Masson flux
4b. Tuft, lapilli tuft
4c. Tuft breccia, pyroclastic breccia
4d. Porphyry
4e. Schistose-textured
4f. Calc-alkalic
4g. Tholeiite

3 Intermediate (to mafic) Metavolcanic Rocks/Intrusions
3a. Massive flows
3b. Pukewild flows
3c. Varolitic flows
3d. Hyaloclastite, flow breccia
3e. Amygdaloidal flow
3f. Tuft, lapilli tuft
3g. Tuft breccia, pyroclastic breccia
3h. Schistose-textured
3i. Calc-alkalic
3j. Tholeiite

2 Mafic (to intermediate) Metavolcanic Rocks/Intrusions
2a. Massive flow
2b. Pukewild flow
2c. Varolitic flows
2d. Hyaloclastite, flow breccia
2e. Amygdaloidal flow
2f. Tuft, lapilli tuft
2g. Tuft breccia, pyroclastic breccia
2h. Schistose-textured
2i. Calc-alkalic
2j. High-iron tholeiite
2k. High-magnesium tholeiite
2l. Tholeiite

1 Ultramafic (to mafic) Metavolcanic Rocks/Intrusions
1a. Masson flows/intrusions
1b. Porphyritic flows
1c. Spinel-textured flows
1d. Pukewild flows
1e. Schistose-textured
1f. Basaltic komatiite
1g. Komatiite
1h. Olivine spinel

Mineral Deposit Type

- 1. Base metal (non-ferrous) deposits
- 2. Alkalic intrusions
- 3. Mafic to ultramafic rocks and related deposits
- 4. Sediment-associated deposits
- 5. Vein replacement deposits
- 6. Volcanic-associated deposits
- 7. Unknown host rock deposit type

Mineral Deposit Size

- 1. Micro
- 2. Trace
- 3. Unknown

Mineral Deposit Commodity*

- Ag = silver; asbe = asbestos; Au = gold; bar = barite; Bi = bismuth; Cd = cadmium; Co = cobalt; Cr = copper; Fe = iron; fluo = fluorite; Grsp = graphite; mgnt = magnetite; Ni = nickel; Pt = platinum; Pb = lead; Pt = platinum; Pz = pyrochlore; Ss = staurolite; Tl = tellurium; Zn = zinc
- *Abbreviations used for commodities.

APPENDIX F

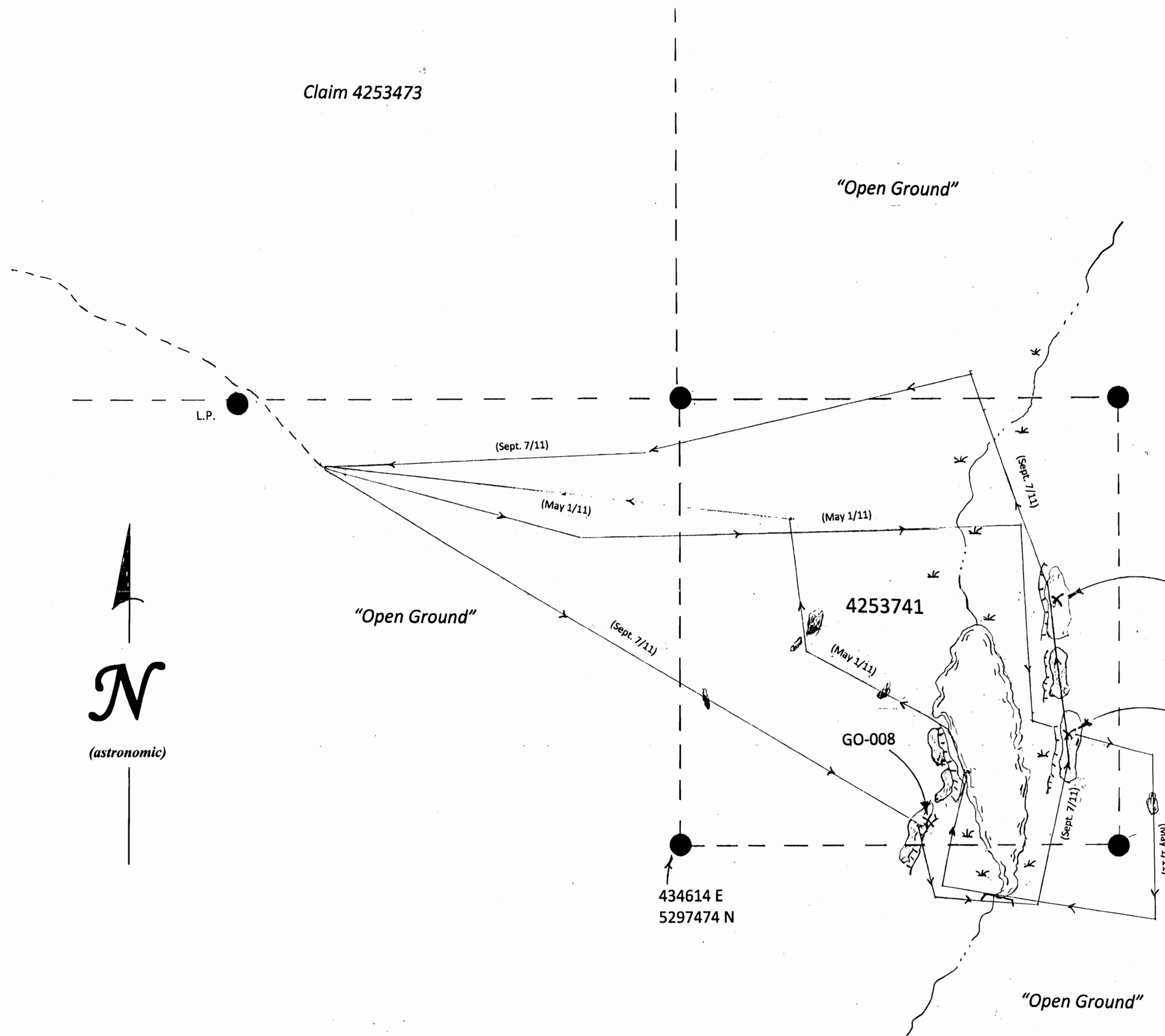
“WORK COMPILATION PLAN”

Claim P-4253471

Whalen Township (M-1179)

Scale: 1:3077

NAD 83



<u>Tag #</u>	<u>Sample Type</u>	<u>GPS Coordinates</u>
GO-007	Rock Sample (float)	0434958E, 5297579N
GO-008	Rock Sample (pegmatite vein within outcrop)	0434829E, 5297489N
GO-009	Rock Sample	0434949E, 5297684N

LEGEND

- Claim Post & Line — ● — —
- Line Post L.P. ●
- Line/Date of Traverse → (May 01/11)
- Rock Outcrop
- Sample Location x
- Cliff Face
- Access Road - - - -
- Swamp
- Creek
- Beaver Dam

Prepared By:

Ed Shynkorenko, November 30th 2011