

42E12NW2005 2.18

McCOMBE

# TRENCH SAMPLING REPORT

ON THE

SKALESKY PROPERTY (CLAIM #TB862665)

McComber township 2.18687

JUL 0 6 1998

GEOSCIENCE ASSESSMENT
OFFICE

12

June 30, 1998

Garry Clark +Dave Maclean Clark-Eveleigh Consulting



#### 2E12NW2005 2.18687

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# **INTRODUCTION**

Clark-Eveleigh Consulting was contracted to spend a day mapping and sampling the trench areas on the Skalesky Property (claim #TB862665) in McComber Township. The property covers the historical showing known as the Kondrat zone.

The property is within the southern metavolcanic sub-belt of the Beardmore-Geraldton Greenstone Belt. The Beardmore-Greenstone Belt has been a large volume gold producer producing over 4.1 million ounces of gold (Mason et al, 1983).

#### LOCATION AND ACCESS

The Skalesky Property is located in McComber Township approximately 160 kilometres northeast of Thunder Bay, 12 kilometres east northeast of Beardmore. The easiest access to the property is via foot from the old Jackpine Siding of the C.N.R. The siding is 600 metres south of TransCanada Highway 11 on an old logging road, at this point the Blackwater River is forded. Old logging trails travel south of the river to an abandoned logging camp site on a small pond. On the south shore of the pond a cut line is followed for 600 metres to the stripped outcrops on the claims.

The Skalesky Property is within the NTS block 42 E 12/NW at approximately 87 45'55" longitude and 49 34'55" (see figure 1).

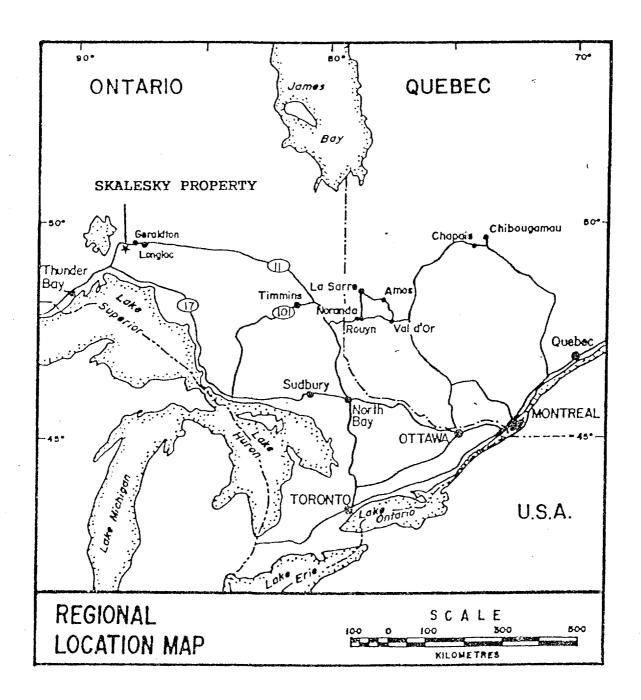
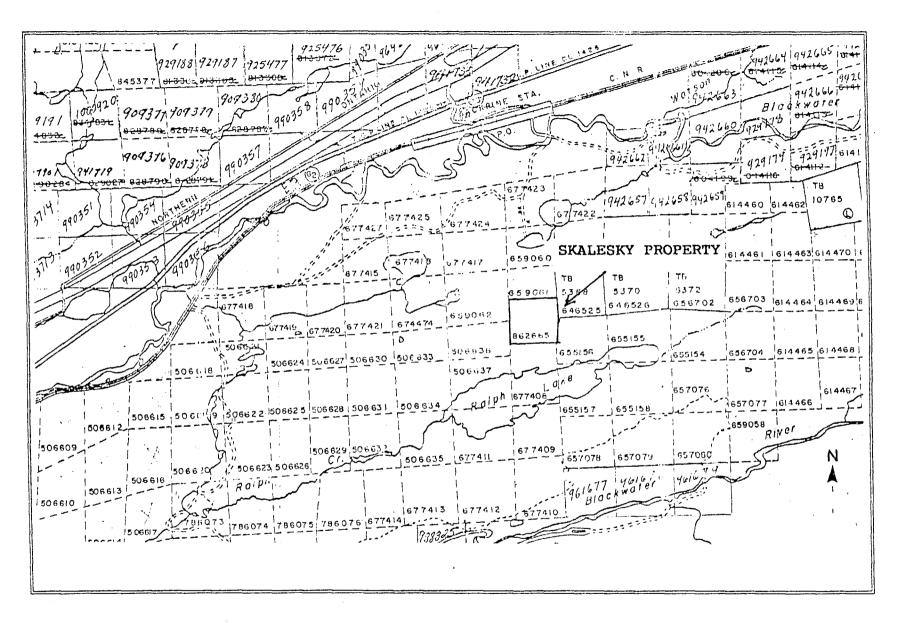


FIGURE 1

# **CLAIMS**

The property consists of one unpatented mining claim recorded in good standing in the Thunder Bay Mining Division. The claim is #TB862665 and is located on the McComber Township claim sheet (see figure 2). The claim is recorded in the name of Ann Skalesky of Thunder Bay.



SKALESKY PROPERTY CLAIM MAP McComber Township (G-166) FIGURE 2 1" = 1/4 MILE

# PREVIOUS EXPLORATION

The Skalesky Property has been continuously explored since the late 1920's. The original showing is known as the Kondrat Occurrence which relates to the original pits and trenches. The history of the exploration of the Skalesky Property is not well preserved but the Resident Geologist Assessment Files contain some of the past work. The chronological records are:

overegist resconding rives contain bonne of the past work. The emonetogram records are.							
1928:	Property acquired by F. Morrison and T. Delbridge.						
1937:	Stripping and trenching was completed on the Delbridge and Kondrat showing.						
1948:	The property was part of a group of claims held by F. Morrison and T. Delbridge. The property was sampled by Sylvanite Mines. The gold values were described as being continuous from the Delbridge to the Kondrat.						
1950-							
1981:	The property was continuously staked by various operators who reported no assessment work.						
1982:	The property was acquired as a large block by J. Ternowsky and P. Skalesky.						
1986 1987:	The property was optioned to Norben Gold Resources Inc Exploration included geophysics, geological mapping, stripping and sampling.						
1991							
1992:	The property was prospected by J.G. Clark for Mrs. Ann Skalesky.						
1996:	Clark-Eveleigh Mapped and sampled two trenches on the property.						

#### REGIONAL GEOLOGY

The Skalesky Property is located within the Beardmore-Geraldton Metavolcanic Belt (Figure 3). The Beardmore-Geraldton Belt is part of the Wabigoon Subprovince, Superior Structural Province of the Canadian Shield.

The Belt is typified by Archean metavolcanic and metasedimentary sequences intruded by numerous Archean bodies of varied composition. Proterozoic dykes cross-cut all units.

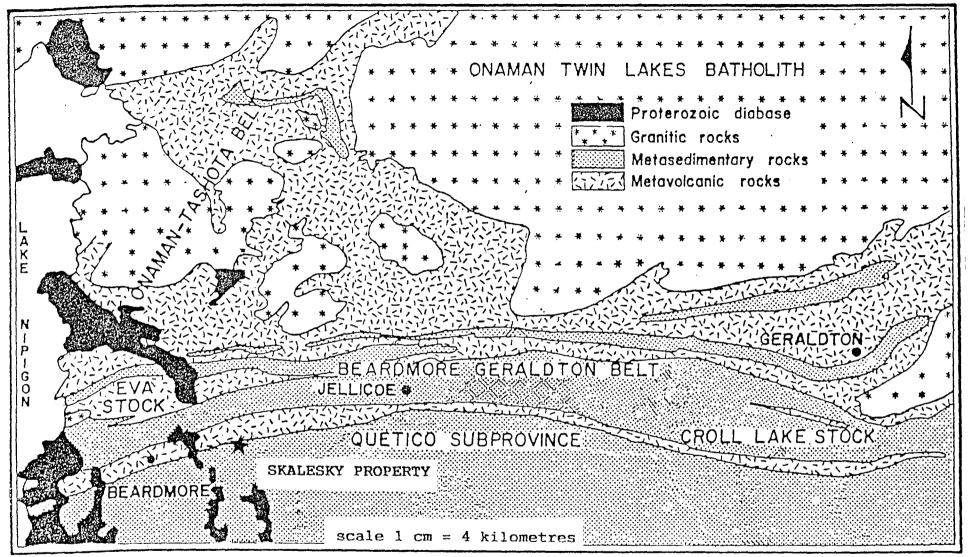
The metavolcanic units consist of massive to pillowed mafic flows in the south and intermediate to felsic flows and pyroclastics to the north.

The metasedimentary units form two extensive bands within the volcanics. The southern band is a fine grained sequence coarsening east of wacke, siltstone, magnetic iron formation and argillite. The northern group consists of coarse clastic units intercalated with felsic pyroclastics.

Felsic and mafic intrusive rocks are found throughout the belt. Felsic batholiths, stocks and sills predominate in the north of the belt. The Larson Property is located within the Kaby Lake Stock which is granodiorite to trondhjemite with minor granite and quartz monzonite phases. Mafic intrusives are dominantly lenticular intrusives of gabbro-diorite composition.

The metamorphic grade of the belt is lower to upper greenschist facies with higher metamorphic grades at the contact to the intrusives.

The structural relationships of the region are complex. The southern band of metasediments are isoclinally folded and plunge westerly. The metavolcanic and metasediment units dominantly strike east-west and dip subvertically. The belt has a pervasive east-west striking fabric parallel to the regional strike and dip. Major lithological and structural breaks are frequently marked by regional scale faults and shear zones.



after Pye et al, 1966

A GENERALIZED GEOLOGY MAP OF THE BEARDMORE-GERALDTON BELT FIGURE 3

#### GOLD MINERALIZATION OF THE BEARDMORE-GERALDTON BELT

The historic gold production of the Beardmore-Geraldton Belt is well documented with 4.1 million ounces of gold and 300,000 ounces of silver being extracted prior to 1983 (Mason and McConnell, 1983). At the present time there is no production from the Belt. The gold mineralization is hosted within all rock types of the belt (Figure 3). The gold is dominantly associated to structurally complex zones with a variety of alteration types. The structural zones include fold noses, shear zones, faults and lithological contacts. The alteration is predominantly quartz veining and flooding with variable amounts of carbonate, sericite and sulfide mineralization.

#### PROPERTY GEOLOGY

The Skalesky Property is underlain by an east west trending sequence of mafic volcanics, sediments and banded lean oxide iron formation (Map 1). The mafic volcanics consist of poorly to strongly foliated feldspar porphyritic and pillowed flows. The sediments are dominantly crudely bedded find to medium grained greywacke with intercalated argillite. Near the middle of the claims the contact to a sequence of volcanics and sediments is marked by a series of parallel banded lean iron formation. The banded iron formation is dominantly two chert/argillite/magnetite formations of varying thickness.

The metamorphic grade is middle to upper greenschist metamorphic facies. Structurally the strike is east-west with a subvertical dip, folding is present as interfolio features within the iron formations.

#### ALTERATION AND MINERALIZATION

The alteration and mineralization are focused on the banded lean iron formations. The carbonated alteration is present as weak ferrodolomite within the greywacke. The alteration and mineralization within the banded lean iron formation consists of chlorite, arsenopyrite, pyrite, gold and quartz veinlets. The arsenopyrite mineralization occurs as coarse crystals in fracture (1-2cm) (up to 60%) or as fine needles within quartz veinlets. Pyrite mineralization is present as disseminated cubes within the thin magnetite, argillite (chloritic) and chert layers. The gold mineralization located to date is associated with the arsenopyrite and quartz veinlets.

#### TRENCH MAPPING

In 1987, power stripping was conducted on claim #TB 862665 to better expose the Kondrat showing. The property visit on June 19, 1996 found the two main stripped areas well exposed and were mapped and sampled. The property visit on June 18th ,1998 located three additional trenches and mapping and sampling of these trenches was completed (see Map 1, Map 2, Map 3 and Map 4).

The work was conducted by Dave Maclean and Mike Grieves of Thunder Bay on June 18th, 1998. The two travelled into the property located the trenches relative to the old grid, mapped the trenches and took 5 samples for assay. The samples were sent to Accurrassy Labs of Thunder Bay with the gold values reported in Table 1 and 2.

#### **ROCK DESCRIPTIONS**

When mapping the trenches, 3 rock types were identified: chert/argillite Iron Formation, mafic volcanics and greywacke.

#### Chert/Argillite Iron Formation

The weathering on this rock unit is a moderate to well limonite stained surface with minor red hematite staining locally. The unit is a lean Iron Formation consisting predominantly of sacchroidal white to limonite stained chert and, in places, banded with chloritized argillite.

The Iron Formation is generally striking at 68° and is near vertical. This unit is impregnated with white quartz with localized concentrations up to 20%. Two units of this Iron Formation were found on the Mitt Trench and were separated by 5 metres of carbonated greywacke.

#### Mafic Volcanics

This unit is medium to dark green on weathered and fresh surfaces. The mafic volcanics consist of poorly to strongly foliated feldspar porphyritic and pillowed flows. They are fine to medium grained, moderate to strongly chloritized, and occur on the south side of the Iron Formations.

#### Greywacke

On weathered surfaces, this unit is medium green to yellow brown stained (due to carbonate alteration), and on fresh surfaces is medium to dark greenish-grey in colour. The greywacke is fine to medium grained, and is moderately chloritized.

#### RECOMMENDATIONS AND CONCLUSIONS

Previous work on the Skalesky Claim, which has defined a gold bearing zone related to the lean iron formation (Kondrat showing), has returned values up to 3.18 ounces of gold per ton. These gold values are associated with arsenopyrite in the lean iron formation. The sampling completed during this program returned anomalous assays (Table 1) associated to arsenopyrite and pyrie within quartz veins. All mapping to date has indicated the consistency of the units accross the property.

Further exploration work should include detailed sampling and possibly an extension of the trenching. The detailed sampling should be completed using a diamond bladed power rock saw. This should be followed up by a diamond drilling program to fully evaluate the gold bearing potential of the property.

# SAMPLE TABLE

# TABLE 1 - SKALESKY PROPERTY

Sample #	LOCATION	Rock Description	Mineralization	Au (ppb)
11434	3700E Trench	Chert Iron Formation with white, sugary quartz impregnation	Heavy limonite stain, minor pyrite	1628
11435	3700E Trench	Same as above with chlorite schist	minor pyrite seams	360
11436	3800E Trench	White Quartz Vein	35% arsenopyrite 5% pyrite	8215
11437	3800E Trench	Chert Iron Formation, quartz inclusions	trace pyrite	25
11438	West End Trench	Moderately limonite-stained white chert Iron Formation	trace arsenopyrite, trace pyrite	291/204

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE (807) 523-6448 FAX (807) 523-5820 Page 1

CLARK-EVELEIGH CONSULTING 1000 ALLOY DRIVE THUNDER BAY, ONTARIO P7B 6A5 June 19, 1998

Job# 9840357

Pro:Skalesky Pro.

SAM	PLE #	Gold	Gold	
Accurassay	Customer	ppb	Oz/t	
. 1	11434	1.628	0.047	
2	11435	360	0.011	
. 3	11436	8215	0.240	
4	11437	25	<0.001	
5	11433	291	0.008	
6 Che	ck 11438	204	0.006	

Certified By:

Delegar

#### REFERENCES

- Clark, J.G.,
  - 1991, Prospecting Notes on the Skalesky Property.
- Clark, J.G.,
  - 1992, Prospecting Notes on the Skalesky Property.
- deCarle, R.J., and Barnett, G
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- Johnson, K.W.,
  - 1987, Summary Report of the 1986 Exploration Program on the Norben-Optioned Beardmore Area Properties for Norben Gold Resources Inc.
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- Mason, J.K., and McConnell, C.D.,
  - 1983, Gold Mineralization in the Beardmore-Geraldton Area; p.84-97 in The Geology of Gold in Ontario, edited by A.C. Colvine, Ontario Geological Survey,
- Miscellaneous Paper No. 110.
- Pye, E.G., Harris, F.R., Fenwick, K.G., and Baille, J.,
- 1966, Tashota-Geraldton Sheet, Thunder Bay and Cochrane Districts; Ontario Department of Mines, Geological Compilation Series Map 2102, scale 1:253,440.

# CERTIFICATE OF QUALIFICATIONS

I, Dave Maclean do hereby certify that I:

Name:

reside at 176 Skyline Avenue, Thunder Bay, Ontario P7B 6K6
have been in mineral exploration since 1976
am a graduate of the Haileybury School of Mines (Mining Engineering Technology, 1973)
I have not received, directly or indirectly, or expect to receive any interest in the company and ts properties
Signature: Lu Lu

# Certificate of Qualifications

- I, J. Garry Clark, do hereby certify:
- •I am a resident of Thunder Bay, Ontario, Canada with address 120 Robinson Drive, P7A 6G5.
- •I have been engaged in base and precious metal exploration as a geologist since 1983.

• I	am	a	gradı	uate	of	Lakehea	d	University,	Thunder	Вау,
Ontario	(H.	В.	.Sc.,	Geo]	Logy	, 1983)	.1	•		

Signature:

Name: Garry Clark

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### **Declaration of Assessment Work** Performed on Mining Land

ction 65(2) and 66(3), R.S.O. 1990

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about this forthern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Thunder Bay Mining Division

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# Statement of Costs for Assessment Credit

Transaction Number (office use) 4.

Personal information collected on this form is obtained under the authority of subsection 5 (1) of the Assessment Work Regulation 6/95. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 685.

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Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines



Geoscience Assessment Office 933 Ramsey Lake Road 6th Floor Sudbury, Ontario P3E 6B5

Telephone: (888) 415-9846 Fax: (877) 670-1555

Visit our website at:

www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

September 23, 1998

J.Garry Clark

P7B 6A5

ANN SKALESKY c/o 100 Alloy Drive

Thunder Bay, Ontario

Submission Number: 2.18687

**Status** 

Subject: Transaction Number(s): W9840.00514 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY

Blair Kite

Supervisor, Geoscience Assessment Office

Mining Lands Section

# Work Report Assessment Results

Submission Number: 2.18687

Date Correspondence Sent: September 23, 1998

Transaction First Claim

First Claim
Number
1 862665

Number

Township(s) / Area(s)

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Status

Deemed Approval

Approval Date

Assessor: Steve Beneteau

September 23, 1998

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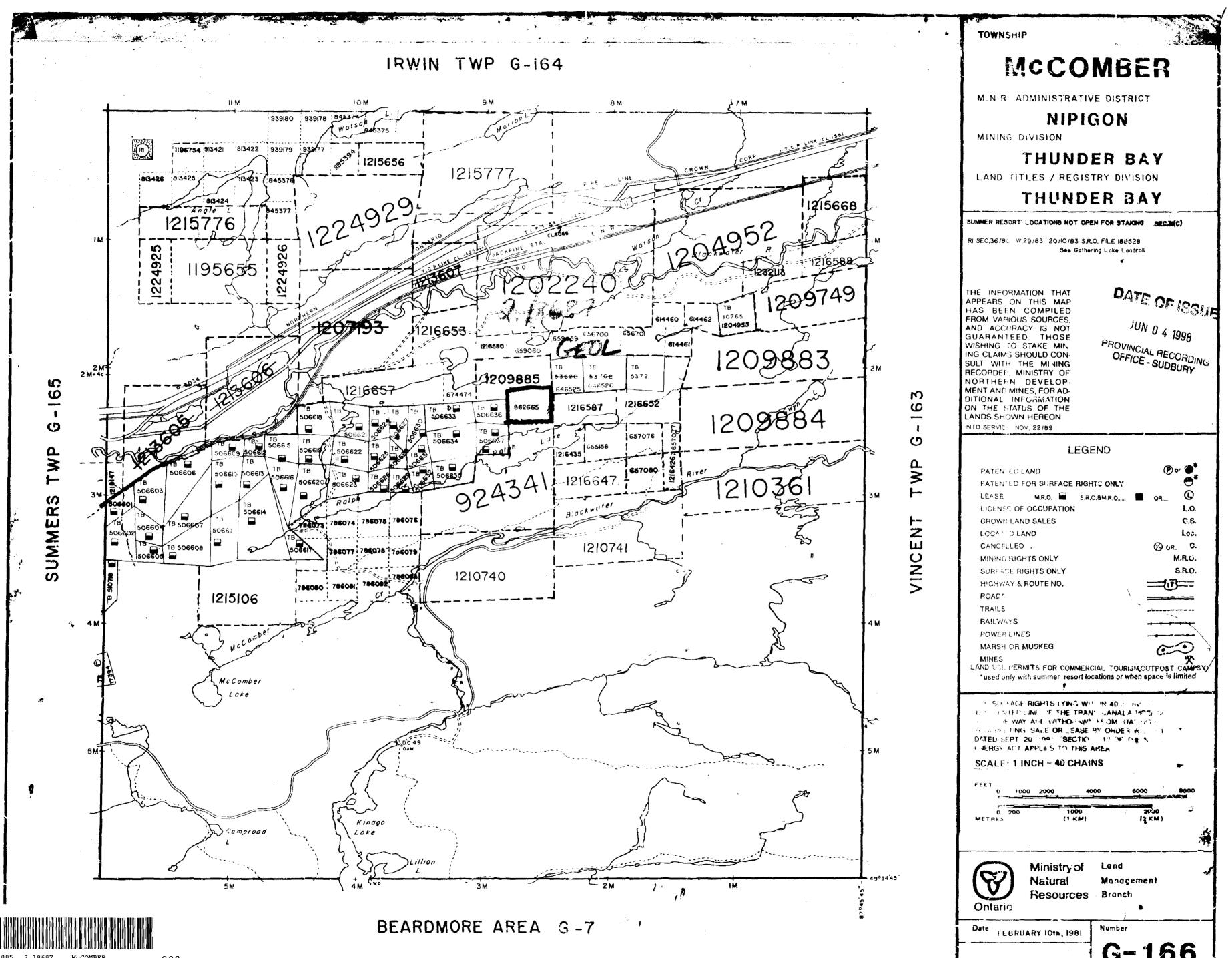
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Resident Geologist Thunder Bay, ON Assessment Files Library Sudbury, ON

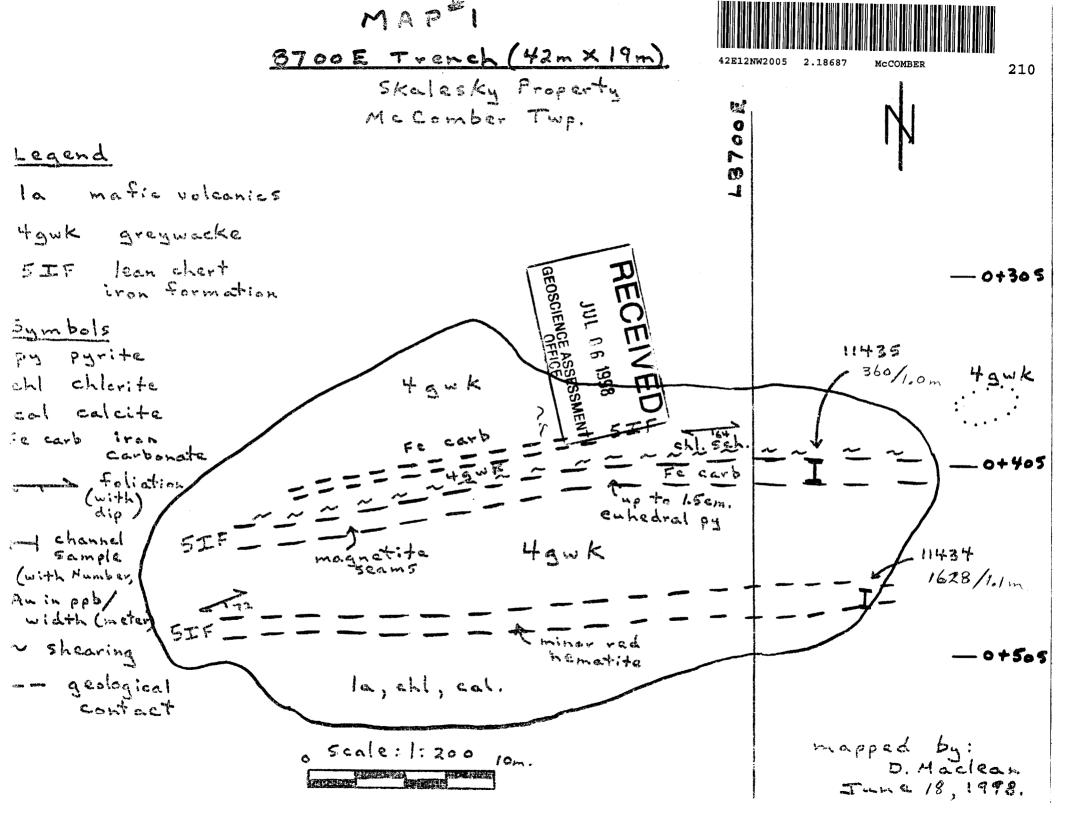
Recorded Holder(s) and/or Agent(s):

J.Garry Clark ANN SKALESKY

Thunder Bay, Ontario



G-166



APTA



88+00E Pit (2m ×1.5m) skalesky frogerty Mc Comber Twp.

Legend

tank graywacke

SIF chart/sulfide iven formation

Symbols

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b. D. Maclean, June 18, 1998

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# Legend

to mafic volcanie

SIF lean chart Eron Formation

# Symbols

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f.g. fine grained

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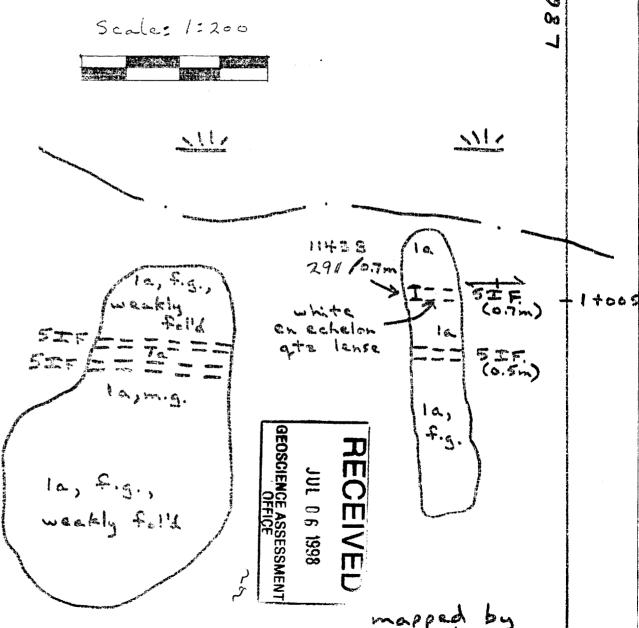
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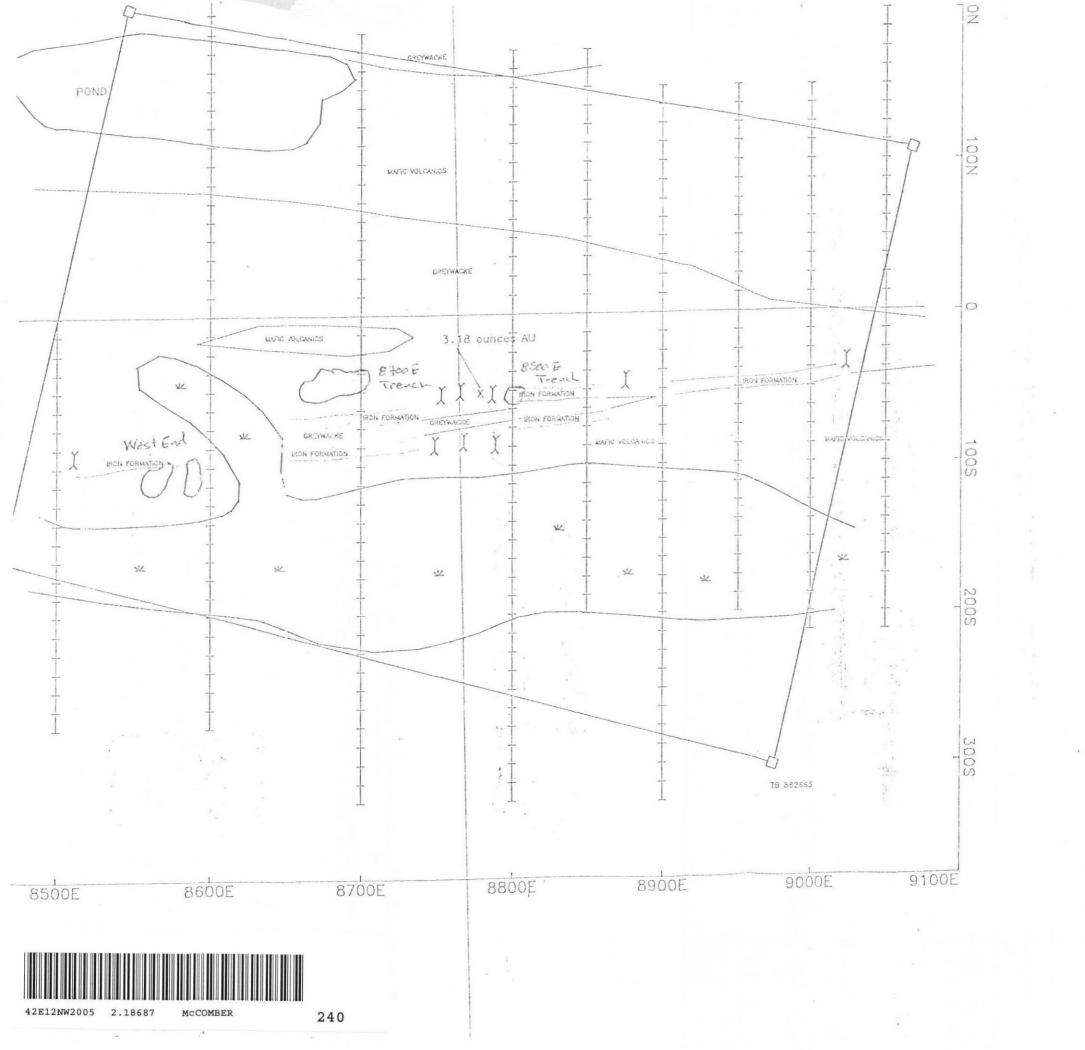
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Map4

SKALESKY CLAIM