

2 . 39482

Report of Physical Work

Stripping

Morrison Lake property

Cairo Township

Larder Lake Mining Division

Ontario



October 22, 2008

Report by  
John Rapski

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## **Introduction**

This program consisted of 8 stripped areas of varying sizes. The purpose of the stripping was to verify the bedrock geology for the potential for gold and base metal mineralization.

## **Location and Access**

The property is accessible by highway 66 which passes through the property south of Morrison Lake in Cairo Township 6 miles east of Matachewan Ontario. The stripping is on the east and west side of an old logging road that exits highway 66 to the south.

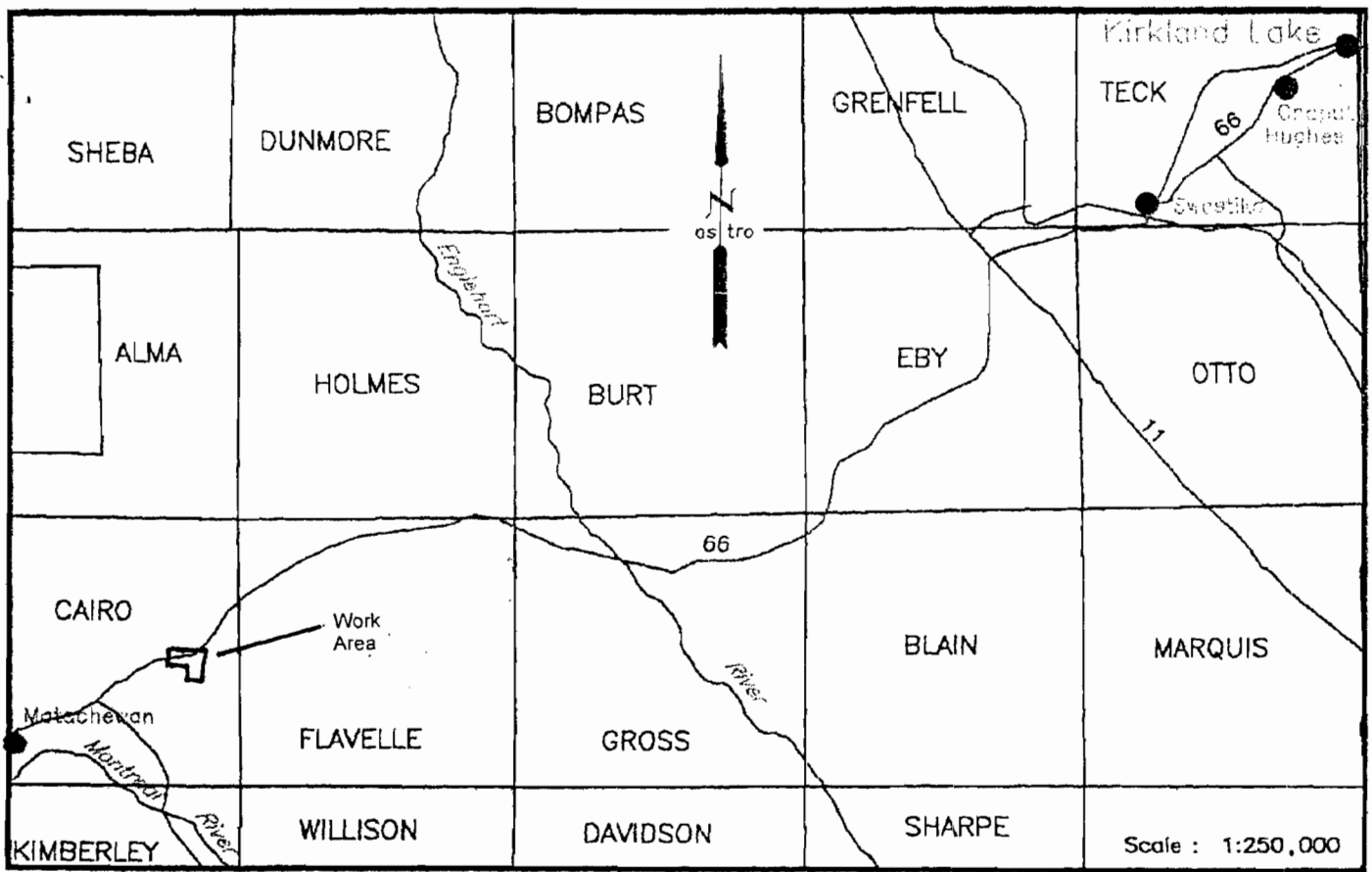


Figure 1(a) : Location Map

Date / Time of Issue: Wed May 14 10:04:30 EDT 2008

TOWNSHIP / AREA  
CAIRO

PLAN  
G-3209

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division  
Land Titles/Registry Division  
Ministry of Natural Resources District

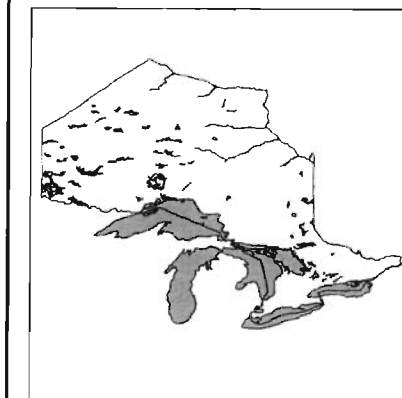
Larder Lake  
TIMISKAMING  
KIRKLAND LAKE

TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

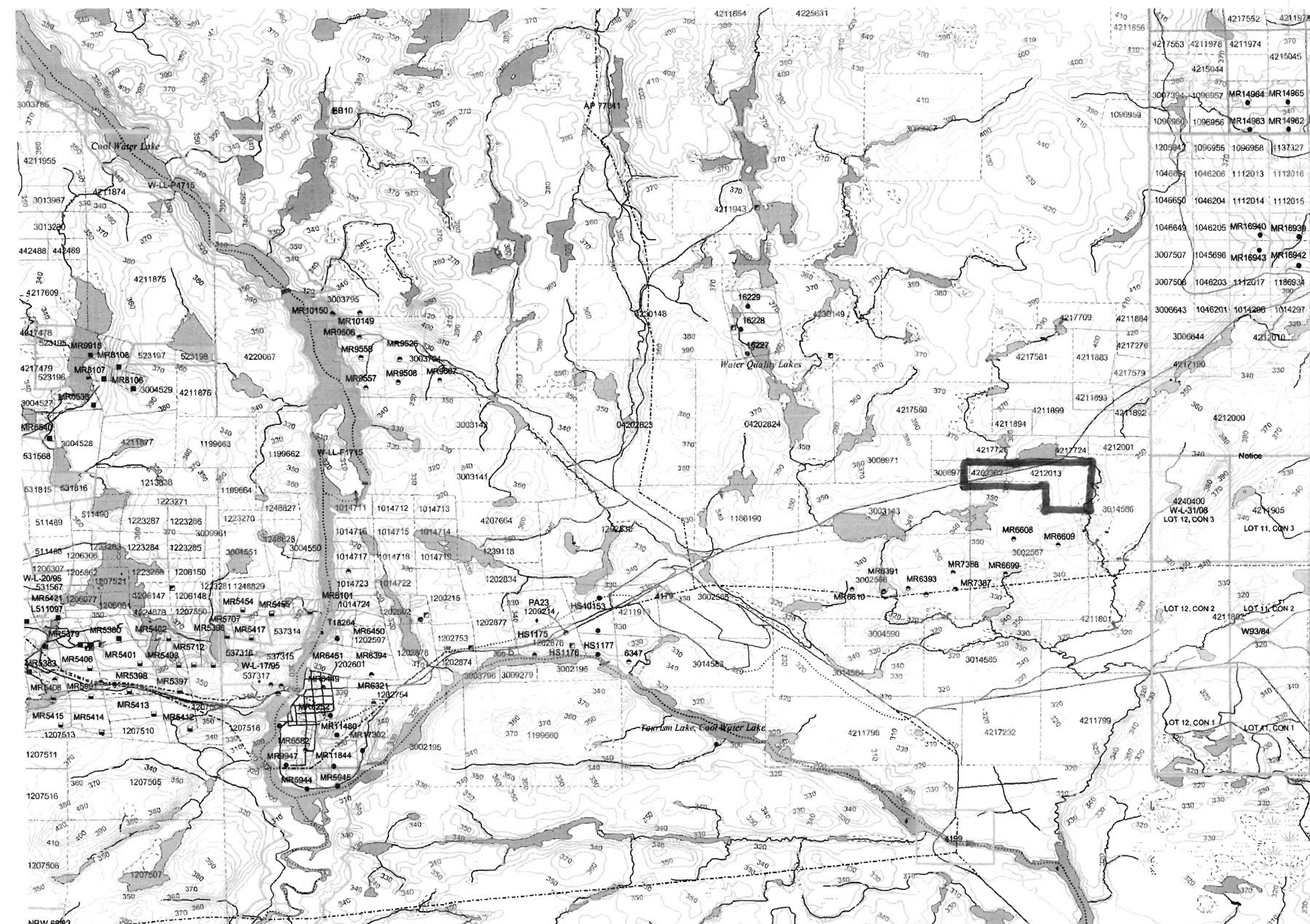
- Freehold Patent**
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Leasehold Patent**
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Licence of Occupation**
  - Uses Not Specified
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
  - Land Use Permit
  - Order In Council (Not open for staking)
  - Water Power Lease Agreement



LAND TENURE WITHDRAWALS

- 1234 Areas Withdrawn from Disposition
- Mining Acts Withdrawal Types
  - Wsm Surface And Mining Rights Withdrawn
  - Ws Surface Rights Only Withdrawn
  - Wm Mining Rights Only Withdrawn
  - Order In Council Withdrawal Type
    - W'sm Surface And Mining Rights Withdrawn
    - W's Surface Rights Only Withdrawn
    - W'm Mining Rights Only Withdrawn

IMPORTANT NOTI



...ishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the Land Titles or Registry Office, or the Ministry of Natural Resources.

Information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations  
 Contact Information: Provincial Mining Recorders' Office  
 Willet Green Miller Centre 933 Ramsey Lake Road  
 Sudbury ON P3E 6B5  
 Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsmapg.htm

Toll Free  
 Tel: 1 (888) 415-9845 ext 577  
 Fax: 1 (877) 670-1444

Map Datum: NAD 83  
 Projection: Geographic Coordinates  
 Topographic Data Source: Land Information Ontario  
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

FIGURE 2

## Stripping Program

Stripping was carried out on Mining Claim 4212013 (3units) and 4202302 (1 unit) in Cairo Township (see Figure 3). The overburden in the area ranged from 1-4 feet. The equipment used was a backhoe with 18 foot reach mounted on a skidder. Shovels and grub hoes were used to hand grubbing.

## Discussion and Conclusion

The Biralger copper-gold occurrence is located north-east of Morrison Lake in altered syenite of the Cairo stock.

Berger in his recent mapping of Cairo located the Larder Lake Cadillac deformation zone to the south of Morrison Lake along the contact of the Cairo stock and the mafic metalvolcanic's to the south.

This stripping program was an attempt to locate mineralization in this contact zone. This zone is mapped as a magnetic low on map 81-937 released by the OGS in 2004. To the east is a magnetic high which may be a mafic intrusion which may account for the mafic chloritic shists in the area and the anomalous copper and nickel values. (Appendix 4)

## References

Raymond A Bernatchez P Eng. May 9, 1996  
A Report on exploration activity on the Biralger  
Resources Ltd. Cario Flavelle Township  
property MNDM # 2.16739

R A Bernatchez P Eng. Economic Evaluation of  
the Cairo Property December 1<sup>st</sup> 1991.

Berger B.R 2005 Geological synthesis of the  
highway 66 Area Swastika to Matachewan.

O.G.S Kirkland Lake – Larder Lake area  
airborne high resolution magnetic survey,  
airborne geological survey map 81-938 dated  
2004.

O.G.S map 2677 Precambrian geology highway  
66 area Swastika to Matachewan.



## Log of Stripping

Big Knot Timber Inc.

October 12, 2008 - 1 hour mobilization float  
- 4 hours backhoe stripping

October 13, 2008 – 3 hours backhoe stripping

John Rapski

October 12, 2008 – 4 hours supervision grub hoeing  
And sample collection

October 13, 2008 – 3 hours supervision grub hoeing  
And sample collection

# Appendix 1

## **Certificate**

1. I am a licensed prospector with the Ontario Ministry of Northern Development and Mines.
2. I am a director of the Northern Prospectors Association.
3. I have been a Prospector for 30 years.
4. I reside and hold office at 230 Grenfell Road, Kenogami Ontario.

John Rapski  
October 2008

## **Appendix 2**

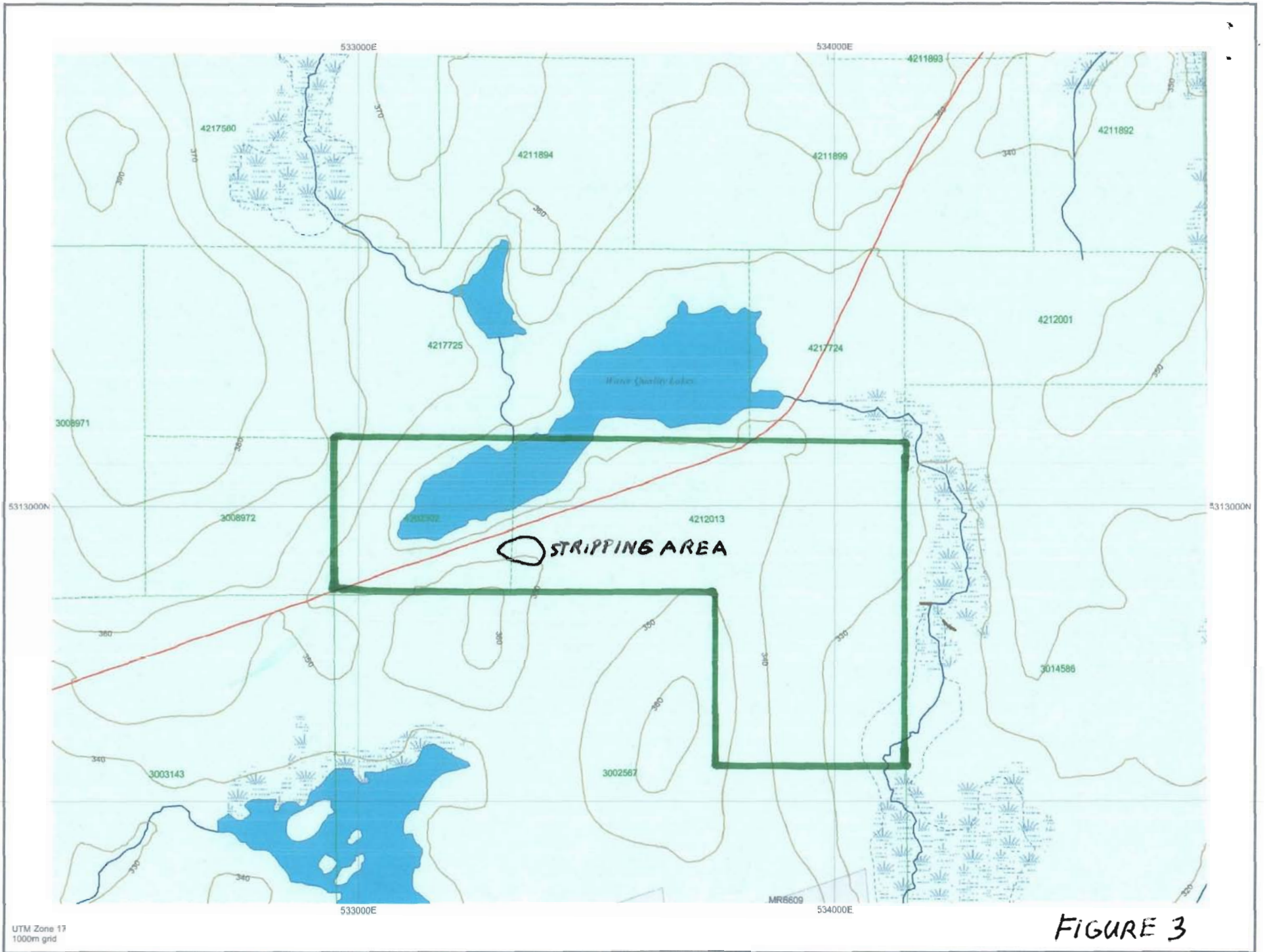


FIGURE 3

HIGHWAY 66

⊕ PIT 5-2 1MX1MX1MD  
C08-5-2 FINE GRAINED MAFIC  
QUARTZ VIOLET + FINE PYRITE

⊕ PIT 5-1 1MX1MX1MD  
CLORITIC SHIST  
+ 533330  
5312916

PIT 4 1MX2MX1MD  
C-08-4 CLORITIC SHIST  
⊕

+  
533345  
5312920

CLAIM BOUNDARY # 4202302  
# 4212013

LEGEND

—  
1 METER  
1:100

X SAMPLE C-08-4  
1MD - 1 METER DEEP  
+ BEDDING VERTICAL

+ GPS LOCATION  
NAD 83 ZONE 17

ASTRONOMIC



JOHN RAPSKI

MORRISON LAKE PROPERTY

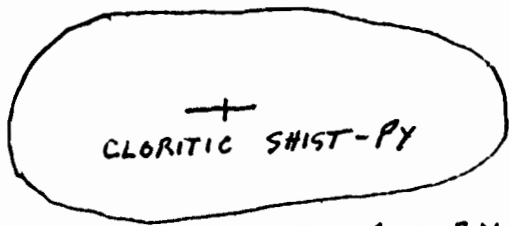
STRIPPING

NTS: 41P06

OCT 28/08

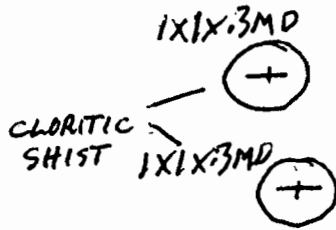
↑ TO HIGHWAY 66

FOREST ROAD



533468  
5312918

C08-2



LEGEND

1 METER  
1:100

X SAMPLE C08-2  
2MD - 2 METERS DEEP

+ BEDDING VERTICAL

+ GPS LOCATION  
NAD 83 ZONE 17

ASTRONOMIC



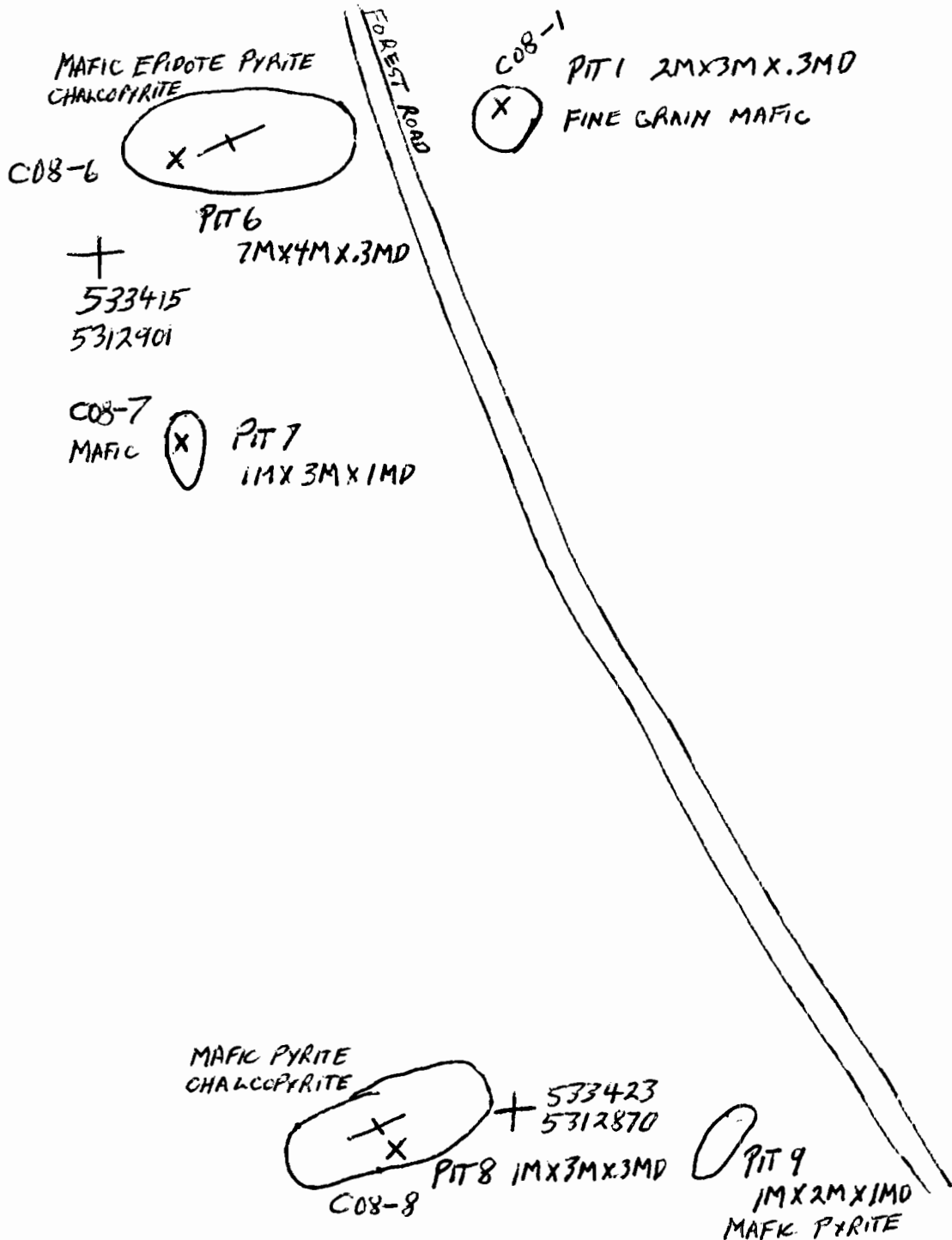
JOHN RAPSKI

MORRISON LAKE PROPERTY

STRIPPING

NTS: 41P06

OCT. 28/08



CLAIM BOUNDARY # 421 2013

**LEGEND**

- 2 METERS  
1:200
- X - SAMPLE C08-8
- 1 MD - 1 METER DEEP
- + BEDDING VERTICAL
- + GPS LOCATION  
NAD 83 ZONE 17

ASTRONOMIC



JOHN RAPSKI

MORRISON LAKE PROPERTY

STRIPPING

NTS: 41P06

OCT. 28/08



**Appendix 3**



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

8W-2982-RG1

Company: **JOHN RAPSKI**


Date: OCT-21-08

Project: CAIRO

Attn:

We hereby certify the following Geochemical Analysis of 7 ROCK samples submitted OCT-16-08 by .

Sample Number	Au ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm
C-08-1B	10	0.2	123	49	-
C-08-2	21	-	-	32	47
C-08-4	55	-	-	68	-
C-08-5-2	142	1.6	-	333	-
C-08-6	3	0.2	113	39	-
C-08-7	3	0.2	99	43	82
C-08-8	NIL	0.2	209	35	-

Certified by 

**Appendix 4**



Ontario Geological Survey

MAP 81 937

AIRBORNE MAGNETIC SURVEY

Residual magnetic field and  
Keating coefficients

# KIRKLAND LAKE – LARDER LAKE AREA

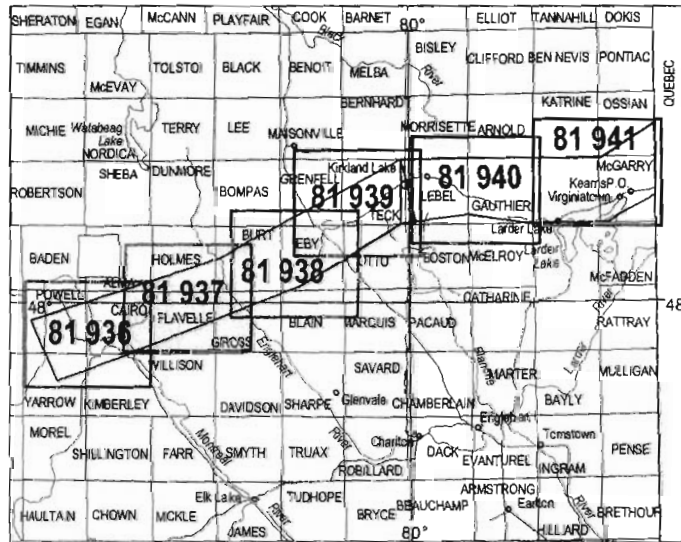
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NTS References: 41 P/15, 16; 42 A/1, 2

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Ontario Geological Survey.

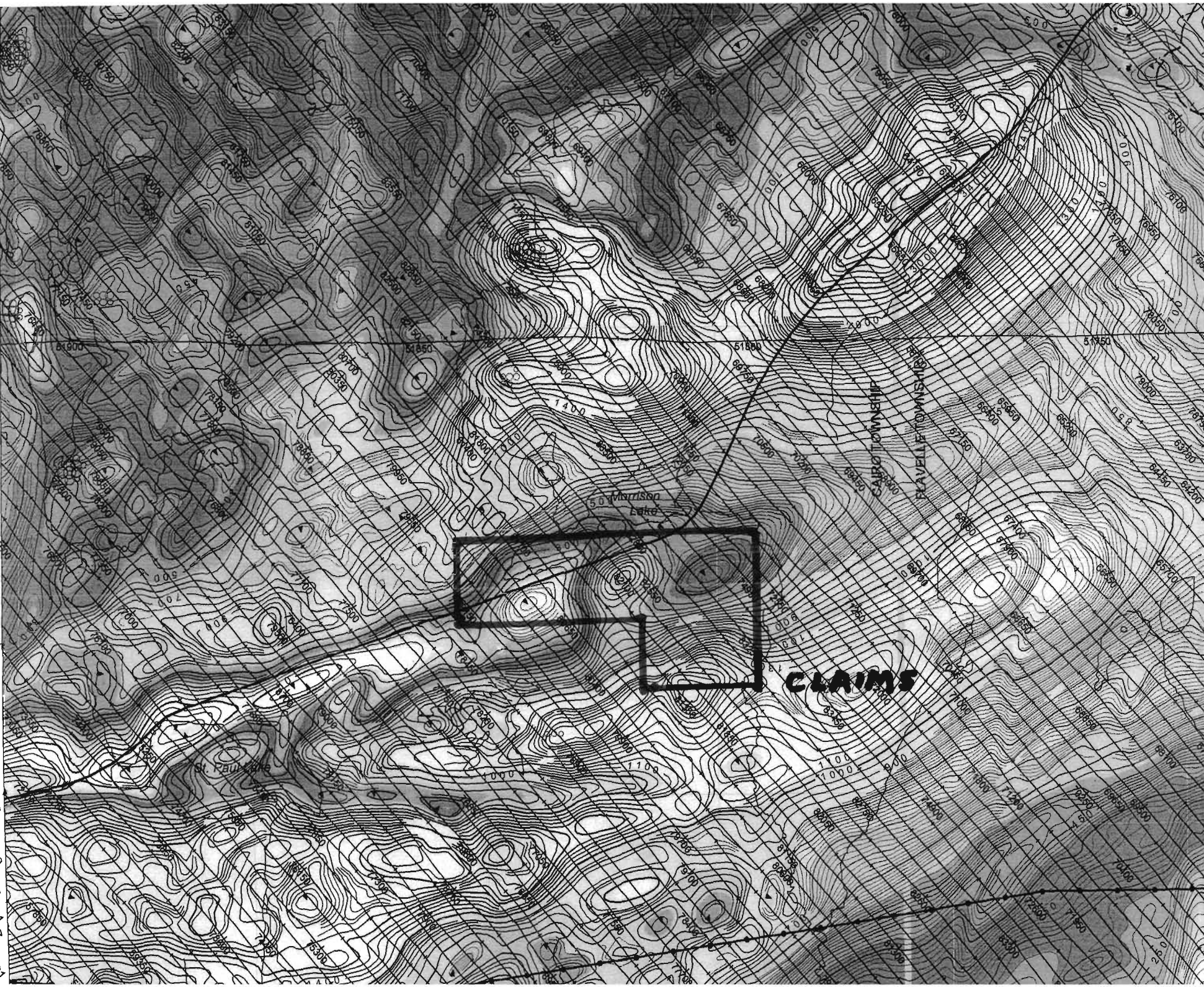


LOCATION MAP

1cm equals 10km

ock A)

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**CLAIMS**