



41116SW2006 2.18898 CLEMENT

010

**REPORT ON GEOPHYSICAL SURVEY**  
for  
**NIPISSING EXPLORATION**  
over the  
**ARCAND LAKE GOLD PROPERTY**  
west side of  
**MANITOU LAKE (RIVER VALLEY AREA, ONTARIO)**

**SEPTEMBER, 1998**  
**KEVIN CAMERON**  
**NIPISSING EXPLORATION SERVICES LIMITED**

2 . 1 8 8 9 8



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(SCALE: reduced to approximatley 1:10000)  
APPENDIX B

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(SCALE: reduced to approximately 1:10000)  
APPENDIX C

**TOTAL FIELD MAG - CONTOURS**  
(SCALE: 1:5000) ..... pocket

**TOTAL FIELD MAG - PROFILES**  
(SCALE: 1:5000)..... pocket

2.18898

## SUMMARY:

In August of 1998 some **20 kilometers of grid and 2.6 km of surveyed baseline** were established on the Arcand Lake property. **A magnetic survey** in September of 1998 outlined the location of a known Precambrian iron formation, with a possible down faulted extension to the east. Prospecting has located an area of mineralized quartz veining south of the iron formation. A few grab samples from old pits in the quartz veins assayed low but anomalous gold values. Detailed geological mapping is recommended to determine the relationship of the quartz veining to the iron formation. Further geophysics is also recommended: VLF to map out possible contacts and fault/shear zones; and I.P. to map the disseminated mineralization occurring in the quartz veining. A geochemical survey would also help outline areas of anomalous gold values.

An area to the west & northwest could not be surveyed due to the open waters of Arcand Lake. The grid lines and magnetic survey may be extended to this area after freezeup this fall of 1998.

## PROPERTY DESCRIPTION AND ACCESS:

The Arcand Lake Property consists of **Claim Block #1214959** comprising 15 claims. The claim block measures 1.6km by 1.6km with the northwest corner (400m by 400m) cut out around a previously existing claim.

The property is **held by K.C. Cameron** of R.R.#1 Monetville, Ont. P0M 2K0.

**The Arcand Lake property is located** on the South West shore of Manitou Lake. Arcand Lake lies in the Western portion of the claim block. NTS 41 I/16; some 65 kms. northeast of Sudbury.

**Access** to the area is approximately 30 kms north of the village of River Valley along Provincial Road #805 which runs along the eastern edge of the claim block. Another dirt road running west from Road #805 (at the bailey bridge) gives access to the southern limits of the survey area.

## DESCRIPTION OF WORK PERFORMED

### LINE CUTTING:

During July and August/98 a total of **2.6 kms of surveyed baseline** (using a Wild T1-A theodolite) and **20 kms of picket lines** were cut and chained to facilitate follow up geophysical surveys and geological mapping.

### MAGNETICS SURVEY:

From August 12-31/98 **20 kms of ground magnetics** were read using an **EDA Omni IV field mag with base station**.

The operators were **Donny MacLaren** of North Bay, Ontario and **Kevin Cameron** of Monetville, Ontario.

**A base station was established** on BL4N @ Line 15E. Readings were **corrected for diurnal every 15 seconds**. Total Field readings along the grid lines were measured at **12.5 meter intervals**. A magnetic datum of 57600 nt was used at the base station.

**Contour and profile maps were produced at the scale of 1:5000** and reduced maps at a scale of approximately 1:10000 (to fit 8.5" by 11" format).

### INTERPRETATION:

**A strong east-west trending magnetic anomaly** in the center of the survey area corresponds to a known Pre-Cambrian Iron Formation. The anomaly is open to the west as the survey crew was unable to survey across the waters of Arcand Lake. Around Line 12E a dramatic drop in anomaly amplitude may represent a down faulted portion of the iron formation continuing to the east.

**A narrow northeast trending anomaly** in the southern portion of the survey area may be due to a northeast striking diabase dyke.

## CONCLUSIONS AND RECOMMENDATIONS

**Prospecting** has located **several mineralized quartz veins** immediately south of the iron formation. Although previous reports have mentioned gold occurrences to the east of Arcand Lake, no assay values have been located in the old reports and recent grab samples have assayed low, only slightly anomalous gold values.

**Detailed geological mapping** is needed to understand the relationship of the mineralized quartz veining to the iron formation (minable gold values have been proven where quartz veins crossed a similar Precambrian iron formation at the Golden Rose mine on Emerald Lake, just 10kms north of Arcand Lake).

**Additional sampling** is needed to better test these mineralized veins for gold values.

A **geochemical survey** (soil sampling) is recommended to outline areas of anomalous gold values).

A **VLF-EM (electro-magnetic) survey** is recommended to identify geologic contacts and areas of faulting or shear zones.

An **I.P. (induced polarization) survey** would be very valuable in mapping out the extent of the disseminated mineralization found in the quartz veins and to delineate new zones of mineralization.

The surface of this property has been tested by some 20 trenches, two small adits and some 6-8 diamond drill holes down to a depth of 60m to 100m.

A compilation of geology, geochem assays and geophysics is needed to outline **drill targets to test this property at greater depths** (100m to 600m range).

## STATEMENT OF QUALIFICATIONS

I, **Kevin C. Cameron** graduated in 1974 from a three year **geology technology program at Cambrian College** in Sudbury, Ontario.

Since that time I have been **continuously employed in the mining exploration field** both as a **geologist and geophysicist**. I have lead survey teams and produced final interpretative reports while working for a number of well known consulting firms (**Crone Geophysics Ltd.** of Mississauga, Ont.; **Paterson, Grant and Watson Ltd.** of Toronto; **Patterson Mining Geophysics** of LaRonge, Sask.; and **Quantec Consulting** of Timmins, Ont.) I have also operated my own consulting and contracting company, **Nipissing Exploration Services Limited**. I have extensive experience in exploration for both **base and precious metals** as well as surveying for oil and gas.

I have been involved in projects all across **Canada, the high Arctic, Alaska, the South-western United States, Virginia, Jamaica, Finland and the Sultanate of Oman**.

Dated: September 16, 1998

Respectfully Submitted by:



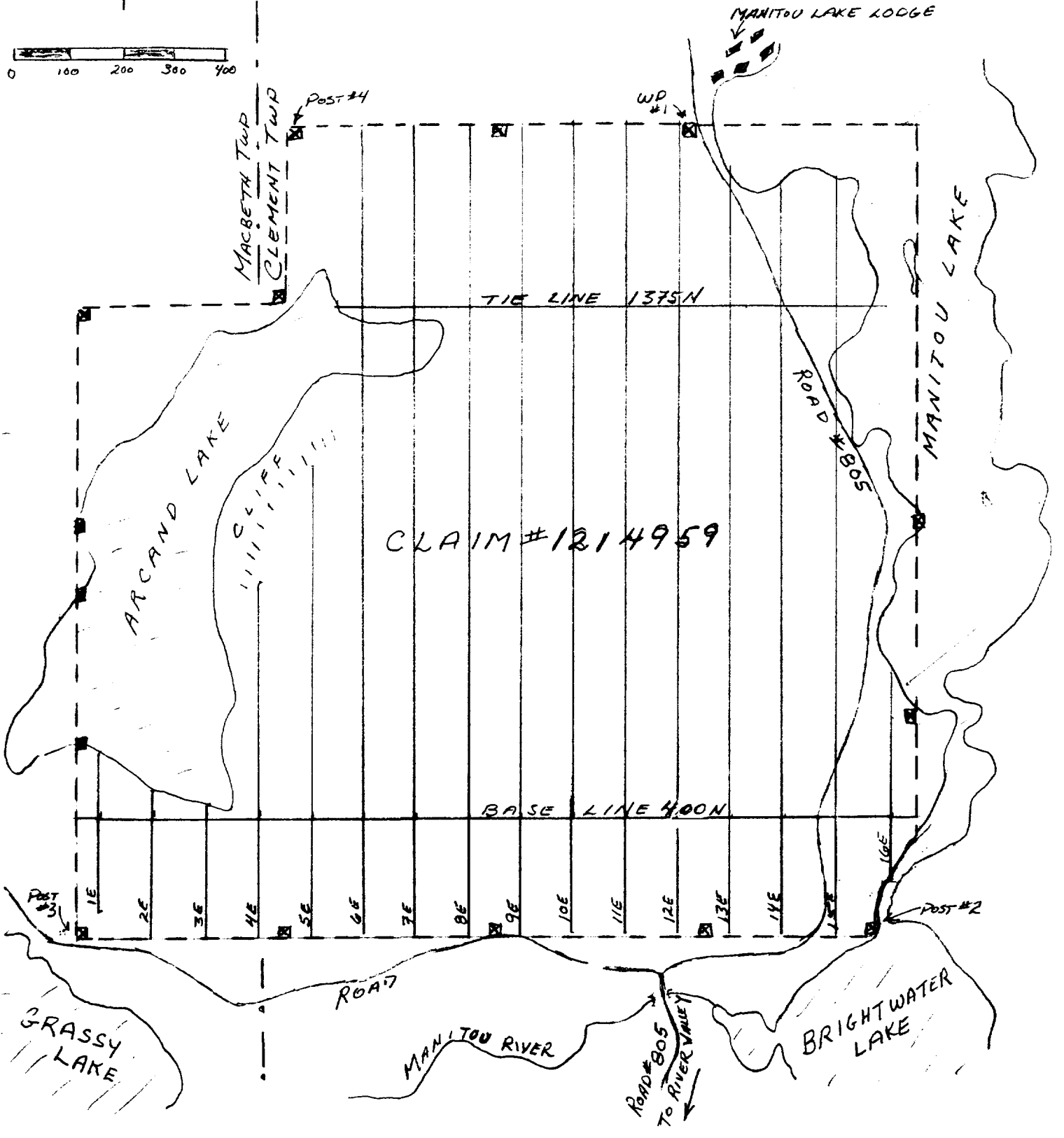
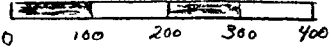
Kevin C. Cameron  
Nipissing Exploration Services Limited

# ARCAND LAKE PROPERTY - GRID MAP

SCALE 1:10000

KEVIN CAMERON

NIPISSING EXPLORATION



MAPS

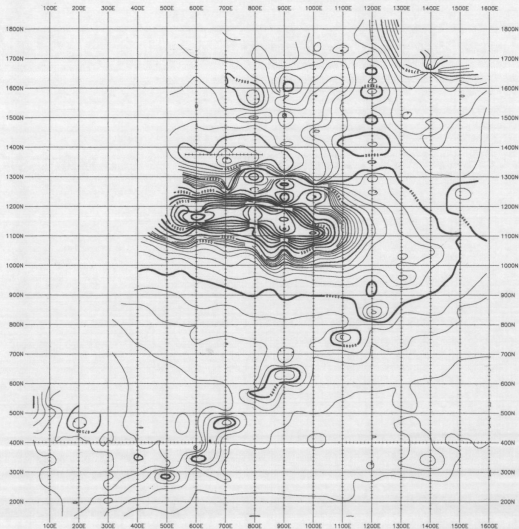
TOTAL FIELD MAG - CONTOURS

TOTAL FIELD MAG - PROFILES

SCALE 1:5000



ARCAND LAKE - TOTAL MAGNETIC FIELD



TOTAL MAGNETIC FIELD (nT)

ARCAND LAKE

Scale 1:5000

0 50 100 150 200  
 (metres)

**NIPISSEUX EXPLORATION  
 ARCAND LAKE PROJECT  
 FIELD, ON**

**GROUND MAGNETIC SURVEY  
 TOTAL FIELD CONTOUR (µmT) (Shared Correlative)**

Magnetic Datum: 57,400 nT  
 Magnetic Inclination:  
 Magnetic Declination:  
 Ground Correction: None (Station 70 m as of 12.9 metres)  
 Station Interval:

Griding Method: Random  
 Grid Cell Size: 5m  
 Contour Interval: 100, 200, 300 nT  
 Contour Labeling: Equal Area / Outer In

Survey Date: AUGUST 1988  
 Instrumentation: SCA 0862 V  
 Operator: K. Cameron, D. McLean

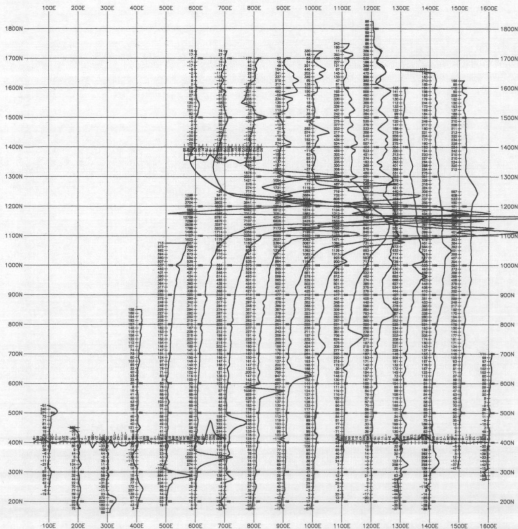


Prepared by:  
**QUATERNARY CONSULTING INC.**  
 205, 90, 90th AVENUE, ARCAND LAKE

2.18898

APPENDIX 'B'

ARCAND LAKE - TOTAL MAGNETIC FIELD



ARCAND LAKE



NIPISSING EXPLORATION  
ARCAND LAKE PROJECT  
FIELD, ON

GROUND MAGNETIC SURVEY  
TOTAL FIELD PROFILE PLAN MAP  
(Burned Corrected)

Magnetic Datum 67,800 ft  
Magnetic Inclination  
Magnetic Declination True Meridian (19 sec/deg)  
Station Interval 12.5 metres  
Profile: Left/Top-Right Right/Bottom-Station  
1/4" Profile Scale Level 57800 ft  
1/4" Profile Scale Level 57800 ft  
1/4" Vertical Profile Scale 500 ft/in

Survey Date AUGUST 1988  
Instrumentation ESI 50M II  
Operator E. Cameron, S. Mouton



QUATTRONE CONSULTING INC.  
285, RD. 103P-WESTPORT-ARCAND LAKE

2.1 8898

APPENDIX 'C'

Transaction Number (office use) <b>W9870.00540</b>
Assessment Files Research Imaging



41I16SW2006 2.18898 CLEMENT 900

Sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection should be directed to the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.  
- Please type or print in ink.

**2.18898**

**1. Recorded holder(s) (Attach a list if necessary)**

Name <b>KEVIN CAMERON</b>	*Client Number <b>114929</b>
Address <b>R.R. #1, MONETVILLE, ONTARIO POM 2K0</b>	Telephone Number <b>705-898-3211</b>
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

**2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.**

<input checked="" type="checkbox"/> Geotechnical: prospecting, surveys, assays and work under section 18 (regs)	<input type="checkbox"/> Physical: drilling stripping, trenching and associated assays	<input type="checkbox"/> Rehabilitation
Work Type <b>GROUND MAGNETICS LINE CUTTING</b>	Office Use	
	Commodity	<b>1</b>
	Total \$ Value of Work Claimed	<b>7735</b>
Dates Work Performed From <b>15 Day 7 Month 98 Year</b> To <b>31 Day 8 Month 98 Year</b>	NTS Reference	
Global Positioning System Data (if available)	Township/Area <b>MACBETH &amp; CLEMENT</b>	Mining Division <b>Sudbury</b>
	*M or G-Plan Number <b>G-2908 &amp; G-3072</b>	Resident Geologist District <b>Sudbury</b>

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;  
- provide proper notice to surface rights holders before starting work;  
- complete and attach a Statement of Costs, form 0212;  
- provide a map showing contiguous mining lands that are linked for assigning work;  
- include two copies of your technical report.

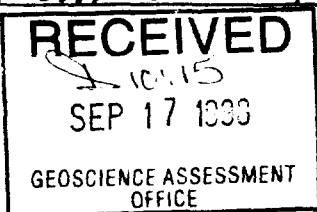
**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name <b>KEVIN CAMERON (NIPISSING EXPLORATION SERVICES)</b>	Telephone Number <b>705-898-3211</b>
Address <b>R.R. #1 MONETVILLE, ONT. POM 2K0</b>	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

**4. Certification by Recorded Holder or Agent**

I, KEVIN CAMERON (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work 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.

Signature of Recorded Holder or Agent <i>K. Cameron</i>	Date <b>SEPT. 16 1998</b>
Agent's Address <b>R.R. #1 MONETVILLE, ONT. POM 2K0</b>	Telephone Number <b>705-898-3211</b>
	Fax Number



*Deemed December 16/98*

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining and where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9870.00540

Claiming Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
19 TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
19 1234567	12	0	\$24,000	0	0
19 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1214959	15	\$7,735.	\$6,000.	0	\$1,735.
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals					

2.18898

I, KEVIN CAMERON (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 8/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: K. Cameron Date: SEPT. 16 198

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

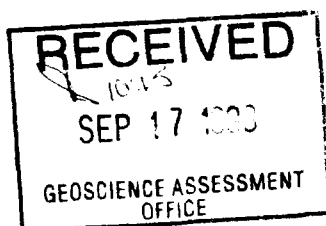
- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)





Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. 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 6B5.

2.18898

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
SURVEYED BASE LINE	2.6 kms.	\$600.	\$1560.00
LINE CUTTING	18.1 kms.	\$250.	\$4525.00
GROUND MAGNETICS	19.5 kms.	\$85.	\$1650.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$7735.00

RECEIVED  
SEP 17 1998 10:15  
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, KEVIN CAMERON, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as RECORDED HOLDER I am authorized to make this certification. (recorded holder, agent, or state company position with signing authority)

Signature: [Signature] Date: SEPT. 16 / 98

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

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

November 4, 1998

KEVIN CHRISTOPHER CAMERON  
2154 CAROLINE STREET  
BURLINGTON, Ontario  
L7R-1M1

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.18898

**Status**

**Subject: Transaction Number(s):** W9870.00540 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](mailto: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

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**Submission Number:** 2.18898

**Date Correspondence Sent:** November 04, 1998

**Assessor:** Steve Beneteau

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<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9870.00540	1214959	MACBETH, CLEMENT	Deemed Approval	October 30, 1998

**Section:**  
14 Geophysical MAG

**Correspondence to:**  
Resident Geologist  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**  
KEVIN CHRISTOPHER CAMERON  
BURLINGTON, Ontario

Assessment Files Library  
Sudbury, ON

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5505

CLEMENT TWP

55

5505

CLEMENT TWP

5

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary	Railroad
International	Single Track
National, Territorial, United States	Double Track
Approximate	Abandoned
Lat. Convention	Turbine
Approximate	Road
Post Boundary	Highway, County
Bridge	Township
Road, Railroad	Across (load of rougher maintenance or agricultural driveway)
Building	Traffic, Bush Road (indicated only)
Chimney	Rapids
Cliff, Pit, Pile	Double line river with multiple rapids
Contours	Double line river with multiple rapids
Interconnection	Reservoir
Approximate	River, Stream, Canal
Control Points	Approximate
horizontal	direction of flow
vertical	North
Culvert	Spot Elevation (less than 100.0)
Falls	Tower
Double line river	Transmission Line
Fence, Hedge, Wall	Power Lines
Feature Outline (Construction Features, etc.)	Tunnel
Flooded Land	Utility Poles
Look	Wharf, Dock, Pier
Marsh or Swamp	Wooded Area
Meat	
Mine Head Frame	
Outcrop	

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY

S.R.O. - SURFACE RIGHTS ONLY

M.S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
1220000	1220000	5-3-70	M.S.	1220000
1220000	1220000	5-3-70	M.S.	1220000
1220000	1220000	2-7-34	M.S.	1220000
1220000	1220000	2-7-34	M.S.	1220000
1220000	1220000	03/07/98	M.S.	1220000
1220000	1220000	03/07/98	M.S.	1220000



NOTICE

Pursuant to Section 25, of the Mining Act, R.S.O. 1990, the MINING AND SURFACE RIGHTS of the area shown as SKYLINE RESERVE will be the land covered by the waters of LAKE TEMAGAMI as indicated on this map will be RE-OPENED TO PROSPECTING AND STAKING OUT. This Order comes into effect on October 27, 1998 at 9:00 a.m. Eastern Standard Time, which is equivalent to 9:00 a.m. local time. These lands will be subject to Ontario Regulation 350/98 made under the Mining Act. ALL CLAIM STAKING ACTIVITY IN THIS AREA is subject to this new regulation. MAJOR AMENDMENTS TO NORMAL STAKING PRACTICES HAVE BEEN IMPLEMENTED FOR THIS AREA. Consult and understand these amendments prior to carrying out any staking in this designated area. For further information please contact the Provincial Records Office at 1-888-415-9444.

PLEASE NOTE: THE ISLAND ON LAKE TEMAGAMI ARE WITHDRAWN AND WILL NOT BE OPEN TO PROSPECTING AND STAKING OUT

NOTICE

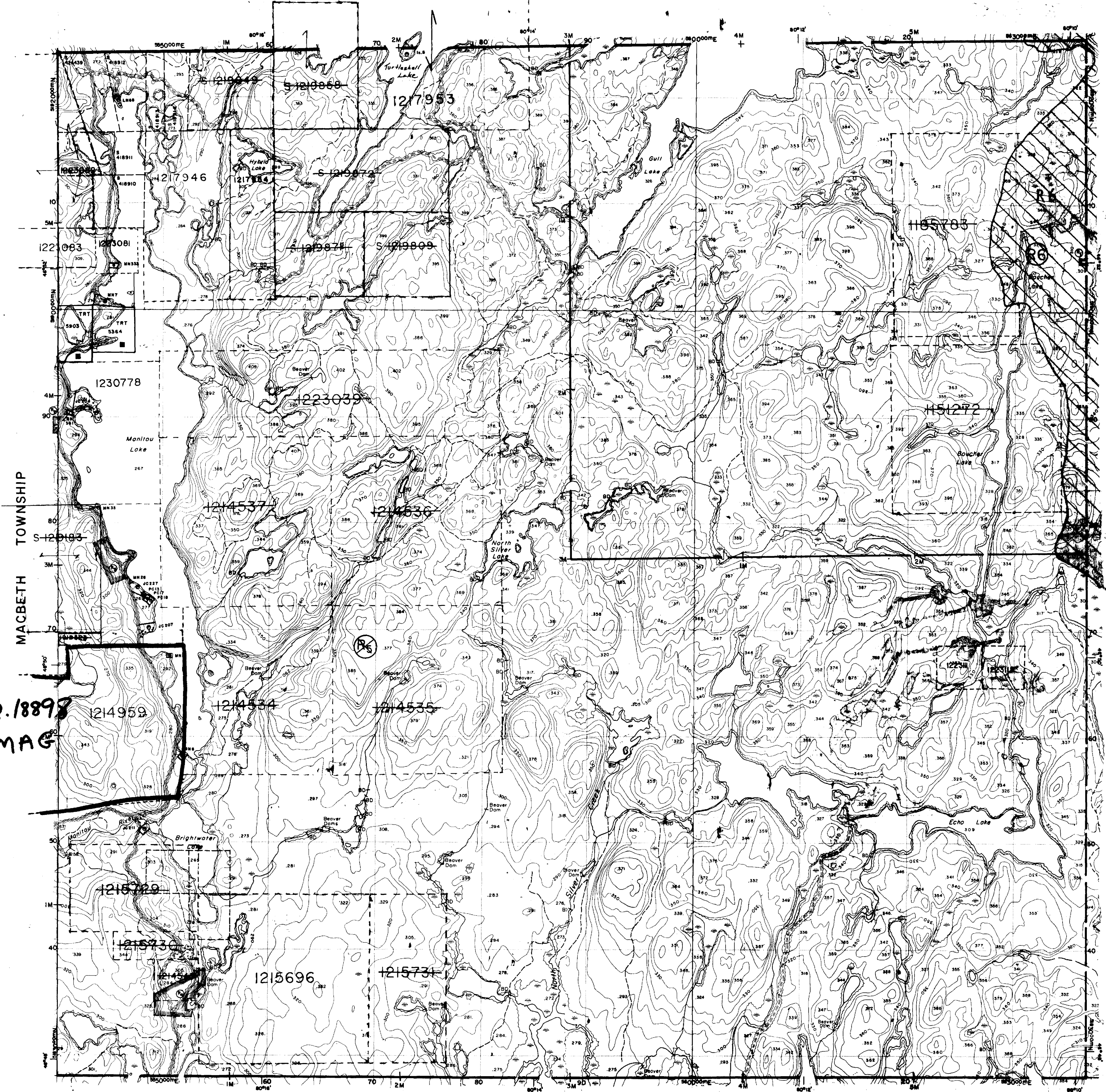
WORK PERMITS FOR MINERAL EXPLORATION ACTIVITY EFFECTIVE 24 FEBRUARY 1998

The area shown as SKYLINE RESERVE and the land covered by the waters of LAKE TEMAGAMI on this map will be subject to Ontario Regulation 349/98 made under the Public Lands Act. Depending on the type of staking or exploration work you may require a Work Permit. For further information please contact Gerald Meyer, Regional Resident Geologist at (416) 567-5242 or Jim Ireland, Regional Manager at (705) 255-1612.



ZONE 17

SCHOLES TOWNSHIP



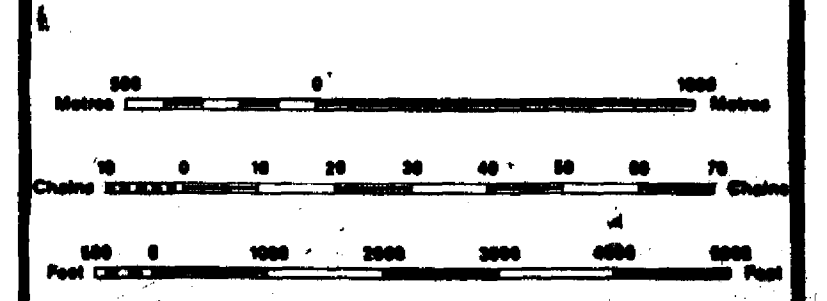
LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 360, SEC. 63, SUBSEC. 1.



SCALE 1:20 000

DATE OF ISSUE  
NOV 13 1998

PROVINCIAL RECORDS OFFICE - SUDBURY

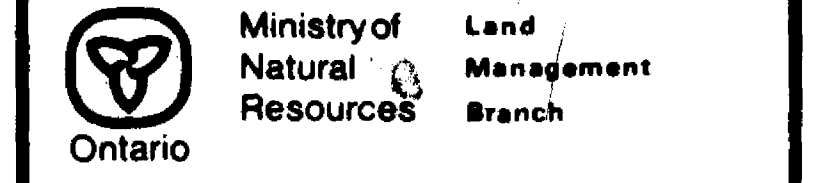
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

TOWNSHIP  
**CLEMENT**

M.N.R. ADMINISTRATIVE DISTRICT  
NORTH BAY & TEMAGAMI

MINING DIVISION  
SUDBURY

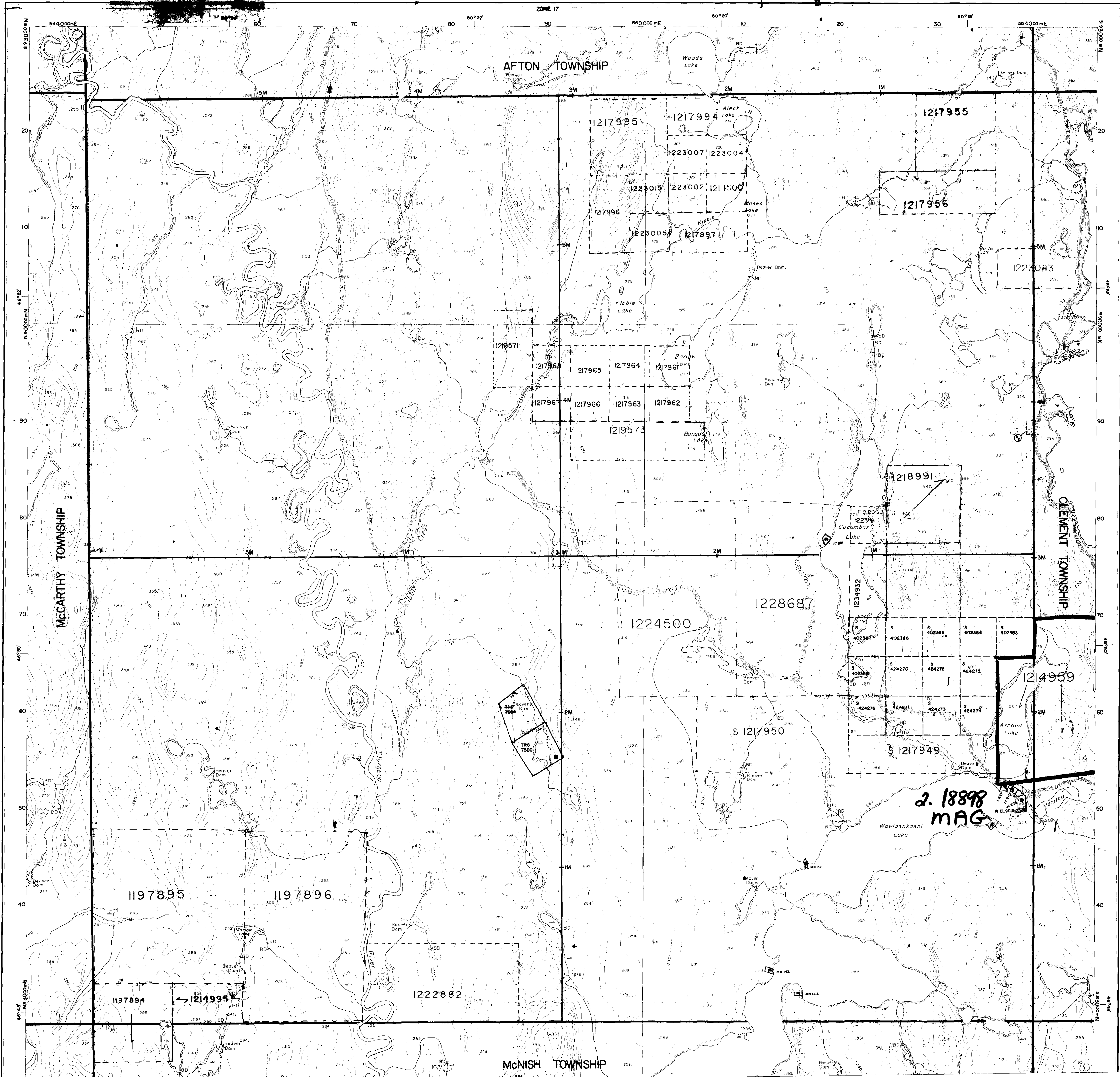
LAND TITLES / REGISTRY DIVISION  
NIPISSING



ORIGINAL COMPILATION AUGUST 1985

PARDO TOWNSHIP





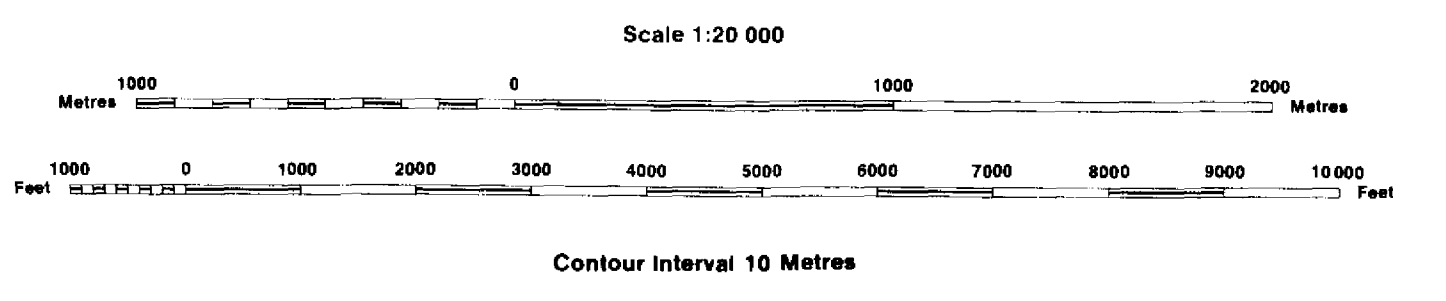
Ministry of Natural Resources  
 Ministry of Northern Affairs and Mines

**INDEX TO LAND DISPOSITION**

PLAN  
 G-2908  
 TOWNSHIP

**MACBETH**

M.N.R. ADMINISTRATIVE DISTRICT  
 NORTH BAY  
 MINING DIVISION  
 SUDBURY  
 LAND TITLES/REGISTRY DIVISION  
 SUDBURY



**AREAS WITHDRAWN FROM DISPOSITION**  
 MRO - Mining Rights Only  
 SRO - Surface Rights Only  
 M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
313.33/80	0-5-22/84	09/05/84	M & S	19550
313.33/80	W-5-22/84	09/05/84	M & S	19550
313.33/80	W-5-22/84	09/05/84	M & S	19550
313.33/80	W-5-22/84	09/05/84	M & S	19550
313.33/80	W-5-22/84	09/05/84	M & S	19550
313.33/80	W-5-22/84	09/05/84	M & S	19550

Part of order W 2/82 REOPENED by order  
 O-ML O/BO MER effective April 3, 1990 at 7:00 AM E.S.T.  
 313.33/80 W-5-22/84 JUNE-1/86 M & S 19550

**SYMBOLS**

- Boundary
- Township, Meridian, Baseline
- Road allowance: surveyed
- shoreline
- Lot/Concession: surveyed
- unsurveyed
- Parcel: surveyed
- unsurveyed
- Right-of-way: road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway: single track
- double track
- abandoned
- Road: highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

**DISPOSITION OF CROWN LANDS**

- Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only
- Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only
- Licence of Occupation
- Order-in-Council
- Cancelled
- Reservation
- Sand & Gravel

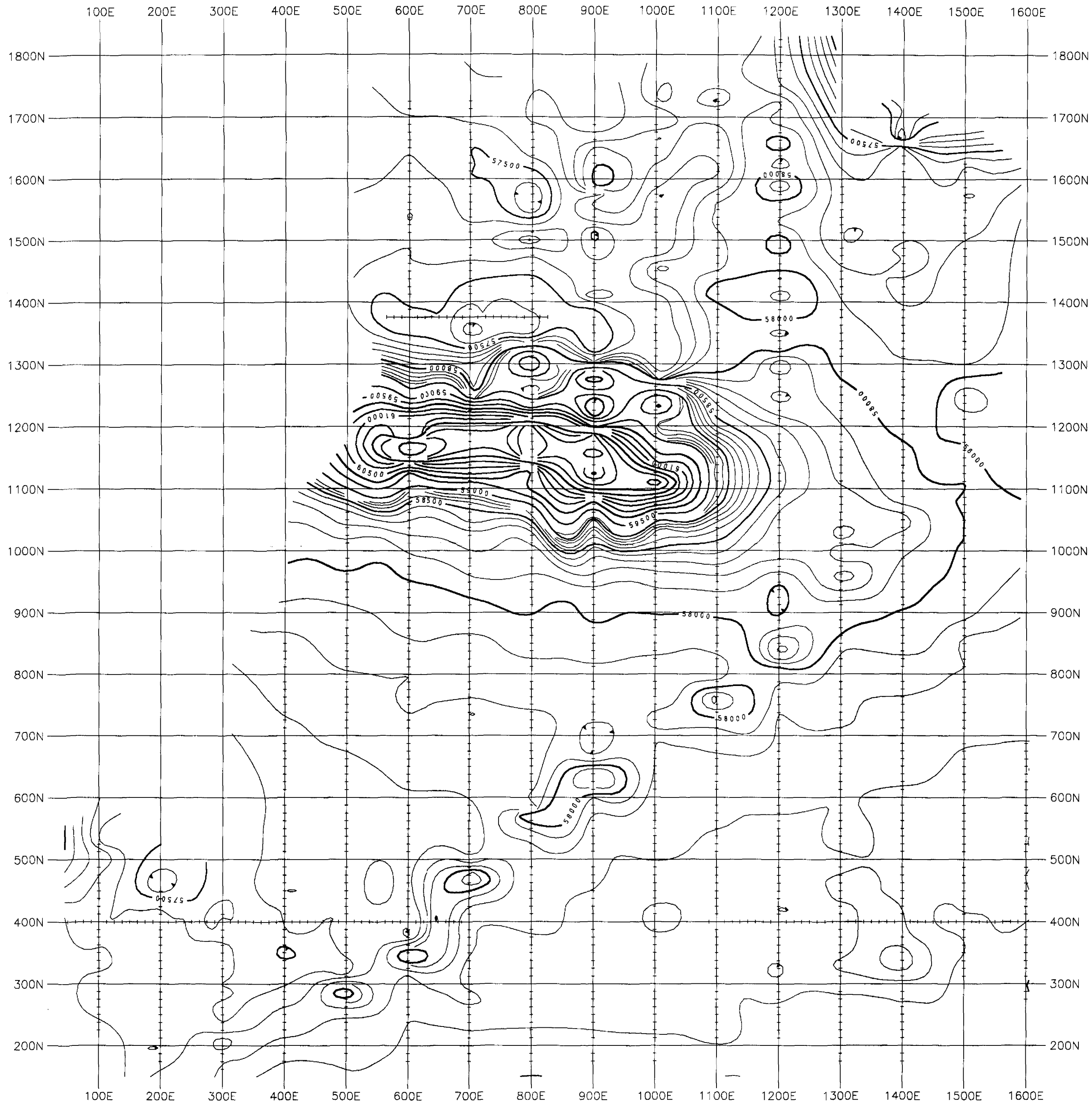
**DATE OF ISSUE**

NOV 13 1998

PROVINCIAL RECORDS  
 OFFICE - SUDBURY

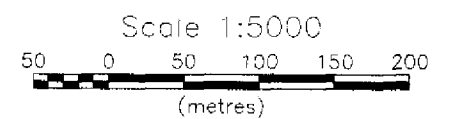
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

ARCAND LAKE - TOTAL MAGNETIC FIELD



2.18398'

ARCAND LAKE



**NIPISSING EXPLORATION  
ARCAND LAKE PROJECT  
FIELD, ON**

**GROUND MAGNETIC SURVEY  
TOTAL FIELD CONTOUR PLAN MAP  
(Diurnal Corrected)**

Magnetic Datum: 57,600 nT  
 Magnetic Inclination:  
 Magnetic Declination:  
 Diurnal Correction: Base Station (15 sec/cyc)  
 Station Interval: 12.5 metres  
 Gridding Method: Random  
 Grid Cell Size: 15m  
 Contour Interval: 100, 500, 2000 nT  
 Colour Zoning: Equal Area / Colour.tbl

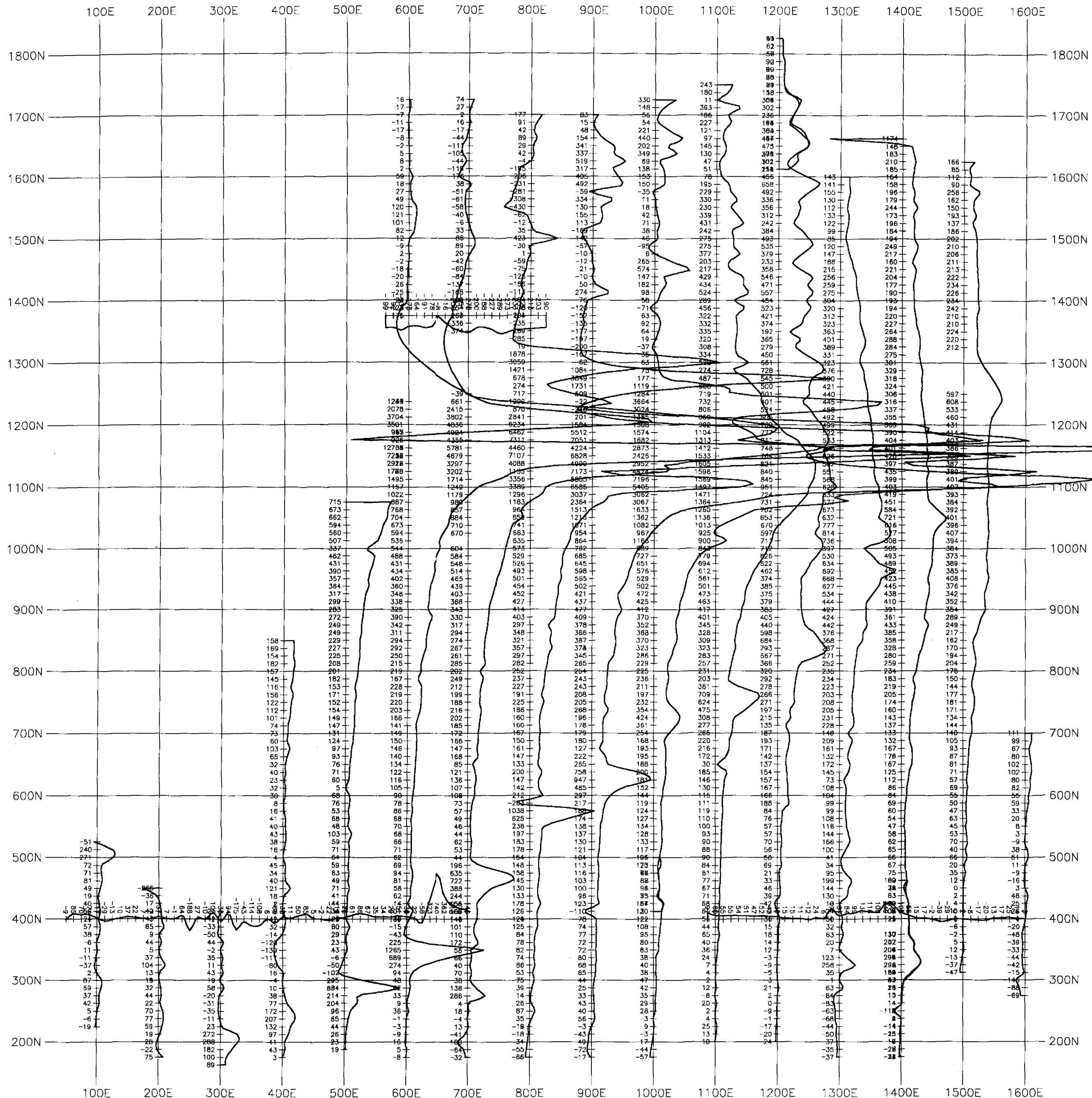
Survey Date: AUGUST 1998  
 Instrumentation: EDA OMNI IV  
 Operator: K, Cameron, D. McLaren



Processed by:  
**QUANTEC CONSULTING INC.**  
 DWG. NO. KCNIP-MAGCONT-ARCAND LAKE



# ARCAND LAKE - TOTAL MAGNETIC FIELD



2.1.1998

**ARCAND LAKE**



**NIPISSING EXPLORATION  
ARCAND LAKE PROJECT  
FIELD, ON**

**GROUND MAGNETIC SURVEY  
TOTAL FIELD PROFILE PLAN MAP  
(Diurnal Corrected)**

Magnetic Datum:	57,600 nT
Magnetic Inclination:	
Magnetic Declination:	
Diurnal Correction:	Base Station (15 sec/cyc)
Station interval:	12.5 metres
Postings:	Left/Top=TFM; Right/Bottom=station
TFM Postings Base Level:	57600 nT
TFM Profile Base Level:	57600 nT
TFM Vertical Profile Scale:	500 nT/cm

Survey Date:	AUGUST 1998
Instrumentation:	EDA OMNI IV
Operator:	K, Cameron, D. McLaren

Processed by:  
**QUANTEC CONSULTING INC.**  
DWG. NO. KCNIP-MAGPROF-ARCAND LAKE

