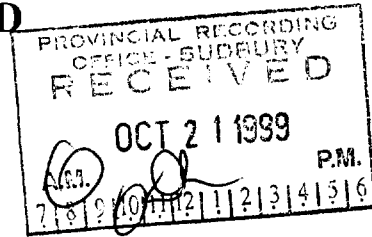


**MONOPROS LIMITED**

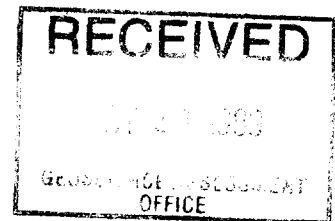


**REPORT FOR ASSESSMENT:  
MAGNETIC SURVEY CONDUCTED OVER THE ALPHA-1  
KIMBERLITES, ATTAWAPISKAT AREA, ONTARIO**

**CLAIMS: 1227090, 1227091, 1227092, 1052275,  
1052276, 1052280, 1052279, 1052283, and 1052284**

**2 . 19829**

K. Acheson  
March 19, 1999



**Keywords:** Geophysics, Magnetic Survey, Attawapiskat



43B12NW2004 2.19829 526834

## 1.0 INTRODUCTION

This report describes the specifications and results of a ground magnetic survey conducted by Services Exploration for Monopros Limited.

The survey was conducted November 11 and 12, 1998. Two grids were cut – one over the Alpha-1 kimberlite and one over the Alpha-1 North kimberlite (claims: 1227090, 1227091, 1227092, 1052275, 1052276, 1052280, 1052279, 1052283, and 1052284 ). Its purpose was to acquire high quality magnetic data, suitable for geophysical modeling, in order to determine the shape and size of the kimberlite.

## 2.0 SURVEY SPECIFICATIONS

### 2.1 INSTRUMENTATION

Mobile Instruments: GEM GSM-19 v.5 magnetometers  
Base Station Instrument: GEM GSM-19 v.5 magnetometer  
Instrument Resolution: 0.01 nT

Base Station Location: approx. 16 km NNW of Alpha-1  
Diurnal Corrections: made automatically by cable-link

### 2.2 GRID SPECIFICATIONS

#### Alpha-1

Line Spacing: 50 m  
Line Orientation: N-S  
Station Spacing: 25 m  
Readings Taken At: 5 m  
Grid Dimensions: 800 m by 800 m  
Total Line kms: 14.4 km

#### Alpha-1 North

Line Spacing: 50 m  
Line Orientation: NW-SE  
Station Spacing: 25 m  
Readings Taken At: 5 m  
Grid Dimensions: 800 m by 500 m  
Total Line kms: 8.8 km

**Total Line kms for both grids: 23.2 km**

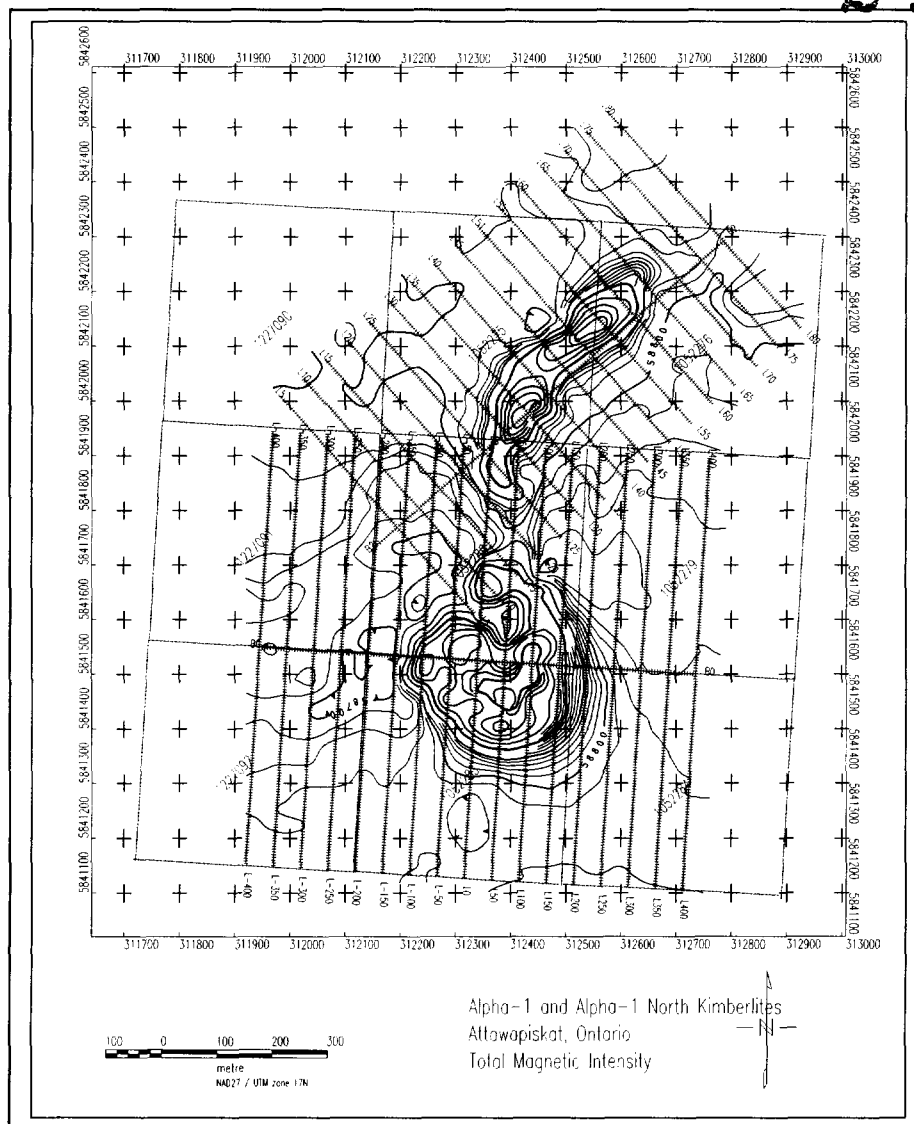
### 2.3 DATA PROCESSING

The data were gridded and mapped with Geosoft OASIS montaj, using the random gridding algorithm.

### 3.0 SURVEY RESULTS

The Alpha-1 kimberlite has a round shape, with a large high-intensity southern section (peak 60100 nT) and a lower intensity northern arm (~59500 nT) – the two being separated by a round mag low (59690 nT) in the north-central part of the body. (Typical background magnetic intensity is 58750 nT.) From the size and shape of the magnetic anomaly, the surface area of the body is estimated at 7.14 ha.

The Alpha-1 North kimberlite, located 100 m N of the Alpha-1 kimberlite, is irregularly-shaped and elongate, striking NE-SW. It has two peaks (~59600 nT). Surface area estimate: 4.03 ha.



#### 4.0 COSTS

Both the line cutting and the magnetic survey were conducted by Services Exploration, at a cost of \$300 per man per day. The grid cutting was carried out at an approximate rate of 3 km per man per day, and the mag survey at an approximate rate of 8 km per man per day. A five man crew was used to cut grids and conduct magnetic surveys over 7 kimberlites.

A Bell Long Ranger was rented from Heli-Forex at a rate of \$700 per hour. The flight to the Alpha-1 grids from the camp is 15 min each way.

Food and lodging at the camp were provided by Monopros Limited.

##### **Expenses:**

Line Cutting:	\$300 per man/day	*	8 man/days	=	\$2400
Mag Survey:	\$300 per man/day	*	4 man/days	=	\$1200
Food & Board:	\$200 per man/day	*	12 man/days	=	\$2400
Helicopter to Site:	\$700 per hour	*	1 hour/day * 4 days	=	\$2800
Mobilization/Demobilization:	\$714 per man	*	5 men ÷ 7 surveys	=	\$510
(Return flight from Timmins to Attawapiskat)					
Total Expenses					= \$9310

<b>Claim</b>	<b>Expenses</b>
1227090	\$1034.44
1227091	\$1034.44
1227092	\$1034.44
1052275	\$1034.44
1052276	\$1034.44
1052280	\$1034.44
1052279	\$1034.44
1052283	\$1034.44
1052284	\$1034.44

#### 5.0 CONCLUSIONS

A ground magnetic survey was conducted over the Alpha-1 kimberlites, November 11 and 12, 1998. 23.2 line kms were covered. Data quality was very good, and provided a good estimate of the dimensions and location of the kimberlite.



Kerry Acheson  
Geophysicist  
Monopros Limited

March 19, 1999

Transaction Number (office use) <i>W996.00703</i>
Assessment Files Research Imaging



43B12NW2004 2.19829 526834 900

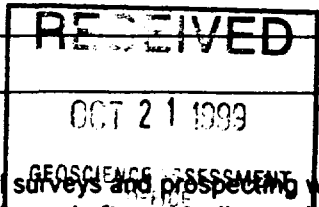
ction 66(2) of the Mining Act. Under section 8 of the Mining Act, this information is correspond with the mining land holder. Questions about this collection should be es, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

- INSTRUCTIONS:
- For work performed on mining tenures, use form 0241.
  - Please type or print in ink

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

2 19829

Name <i>MONOPROS LIMITED</i>	Client Number <i>171748</i>
Address <i>ONE WILLIAM MORGAN DRIVE</i>	Telephone Number <i>(416) 423-5811</i>
<i>TORONTO, ONTARIO M4H 1N6</i>	Fax Number <i>(416) 423-0081</i>
Name	Client Number
Address	Telephone Number
	Fax Number


**2. Type of work performed.** Only regional surveys and prospecting work are allowed on Crown Lands before recording. For work performed after recording a claim or on other mining lands, use form 0241.

Work Type <i>GROUND MAGNETIC SURVEY</i> ✓	Office Use
Dates Work Performed From <i>11 11 98</i> To <i>12 11 98</i>	Commodity
Global Positioning System Data (if available)	Total \$ Value of Work Claimed <i>\$-9310</i>
Township/Area <i>BMA-526834</i>	NTS Reference
M or G-Plan Number	Mining Division <i>Porcupine</i>
	Resident Geologist District <i>Timmins</i>

- Please remember to:
- 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;
  - provide proper notice to surface rights holders before starting work.

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

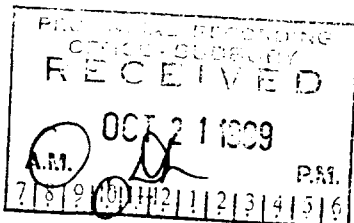
Name <i>MONOPROS LIMITED</i>	Telephone Number <i>(819) 824-2444</i>
Address <i>185 DES DISTRIBUTEURS, VAL-D'OR (QUÉBEC) J9P 6Y1</i>	Fax Number <i>(819) 824-2466</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

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

I, *Donald A. Boucher* (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>Donald A. Boucher</i>	Date <i>10/20/99</i>
Agent's Address <i>185 des Distributeurs</i>	Telephone Number <i>819-824-2444</i>
	Fax Number <i>819-824-2466</i>

0240 (03/97) Val d'Or, Qc



*Donald January 19/2000*

6. Work to be recorded and distributed. Work that is performed on Crown Lands that are subsequently staked as a mining claim, can be claimed at 100% of its value (state this amount in column "a" below). If work is performed on Crown lands and not enclosed within a subsequently recorded claim, it can be claimed at 25% of its value (state this amount in column "b" below). Work can only be assigned to claims that are contiguous to (adjoining) the lands where work was performed at the time work was performed. A map showing the contiguous link must accompany this form.

W9960.00403

Mining Claim Number	No. of Claim Units	Value of work performed before recording a mining claim		Value of work applied to this claim	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a later date
		(a) Work now within a claim. Show 100% of cost	(b) Work on adjacent Crown lands. Show 25% of cost.			
eg 1234567	4	\$4000	\$725	\$800	\$800	\$3305
eg 1234568	2	N/A	N/A	\$800	N/A	N/A
1 1227090	1	1,034.44		1,034.44		
2 1227091	1	1,034.44		1,034.44		
3 1227092	1	1,034.44		1,034.44		
4 1052275	1	1,034.44		1,034.44		
5 1052276	1	1,034.44		1,034.44		
6 1052280	1	1,034.44		1,034.44		
7 1052279	1	1,034.44		1,034.44		
8 1052283	1	1,034.44		1,034.44		
9 1052284	1	1,034.44		1,034.44		
10						
11						
12						
13						
14						
15						
Column Totals		9,310.00		9,310.00		

**RECEIVED**  
OCT 21 1999  
GEOSCIENCE ASSESSMENT  
OFFICE

I, Donald R. Boucher, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 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: Donald R. Boucher Date: 10/20/99

**6. Instruction 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

PROVINCIAL RECORDING  
OFFICE - SUDBURY  
RECEIVED  
OCT 21 1999  
P.M.  
7 1 8 1 9 1 0 1 1 2 1 3 1 4 1 5 1 6

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

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/98. Under section 8 of the Mining Act, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	2001 1998 Cost Per Unit of work	29 Total Cost
LINE CUTTING	8 MAN / DAYS	300.00	2,400.00
MAG SURVEY	4 MAN / DAYS	300.00	1,200.00
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
MOBILIZATION / DEMOBILIZATION			510.00
<b>Transportation Costs</b>			
HELICOPTER $\phi$ / HOUR		700.00	2,800.00
<b>Food and Lodging Costs</b>			
FOOD + BOARD PER MAN PER DAY		200.00	2,400.00
<b>Total Value of Assessment Work</b>			<b>9,310.00</b>

**RECEIVED**  
 OCT 21 1999  
 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  $\times$  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, Donald R. Boucher (please print full name), 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 Divisional Manager (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

PROVINCIAL RECORDING OFFICE - SUDBURY  
**RECEIVED**  
 OCT 21 1999  
 A.M.

Signature: Donald R. Boucher Date: 10/20/99

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

Telephone: (888) 415-9845  
Fax: (877) 670-1555

November 19, 1999

MONOPROS LIMITED  
One William Morgan Drive  
TORONTO, Ontario  
M4H 1N6

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:** 2.19829

**Status**

**Subject: Transaction Number(s):** W9960.00403 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 [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.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:** 2.19829

**Date Correspondence Sent:** November 19, 1999

**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>
W9960.00403	1227090	BMA 526834	Approval	November 18, 1999

**Section:**

14 Geophysical MAG

**Correspondence to:**

Resident Geologist  
South Porcupine, ON

Assessment Files Library  
Sudbury, ON

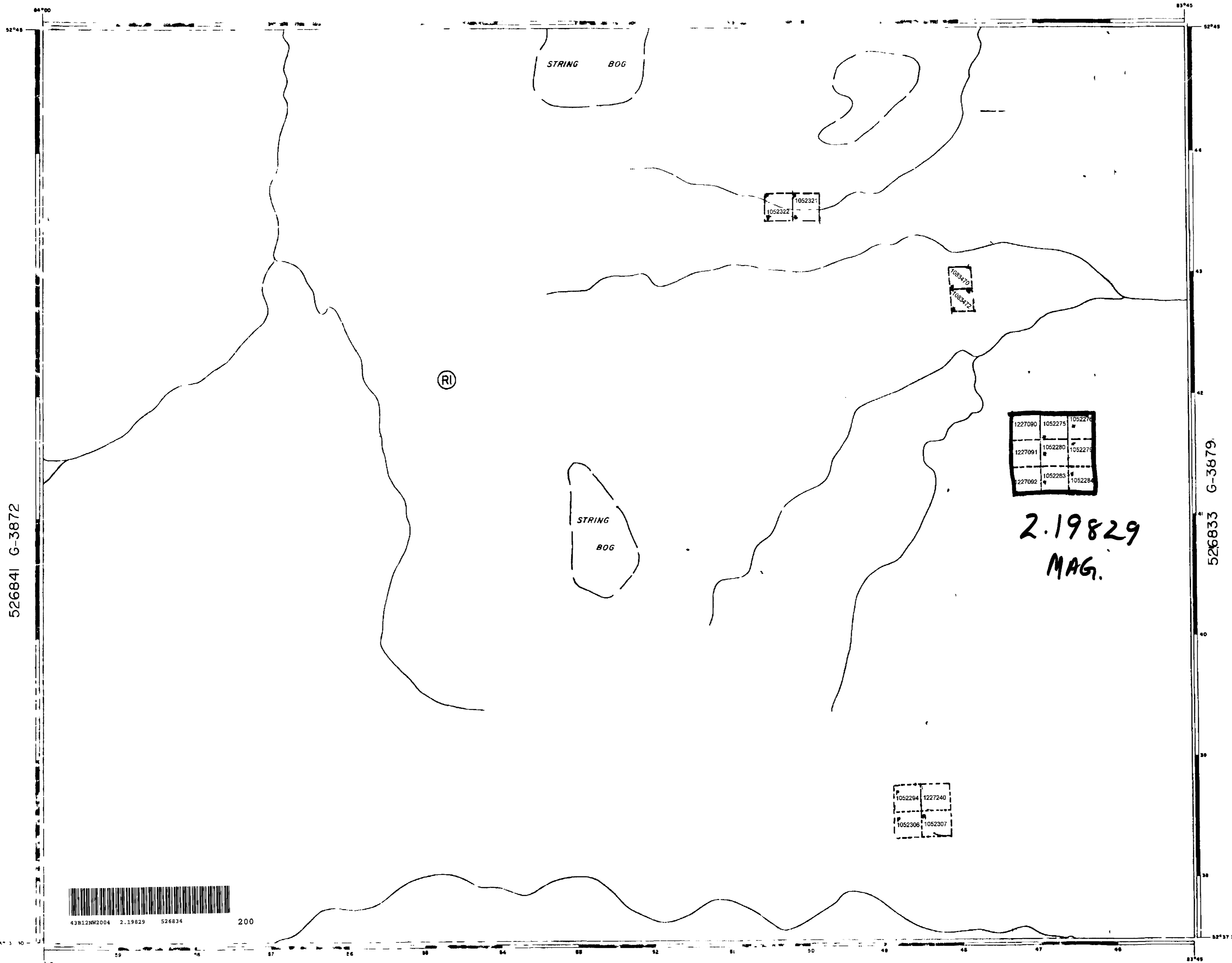
**Recorded Holder(s) and/or Agent(s):**

Donald Boucher  
VAL D'OR, QUEBEC, CANADA

MONOPROS LIMITED  
TORONTO, Ontario

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527-834 G-1253



526841 G-3872

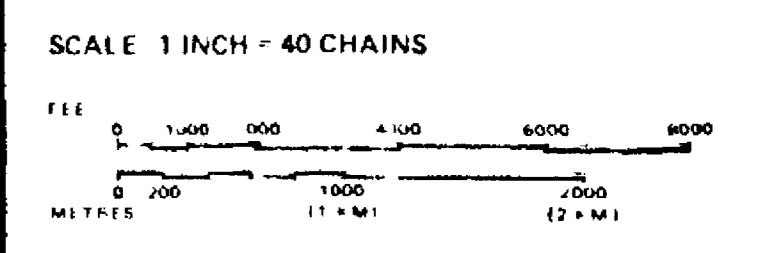
526833 G-3879

**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  |        |
| LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS |        |
- NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1.



**REFERENCES**

- 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
* RE-POSITING OF CERTAIN CLAIMS OCCURRED JUNE 8/94				

(R1) Pending Application for exploratory oil natural gas (Reg.785) MNR

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED.

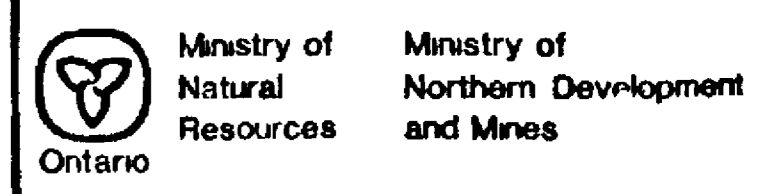
NOV 22 1989

CONSULT WITH THE MINING RECORDS OF THE NORTHERN DEVELOPMENT AND MINES DIVISION FOR ADDITIONAL INFORMATION ON THE LANDS SHOWN HEREON.

**AREA**

**526-834**

MNR ADMINISTRATIVE DISTRICT  
 MOOSONEE  
 MINING DIVISION  
 PORCUPINE  
 LAND TITLES / REGISTRY DIVISION  
 KENOJA/PATRICIA PORTION

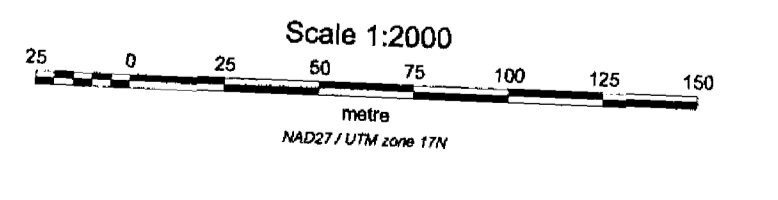
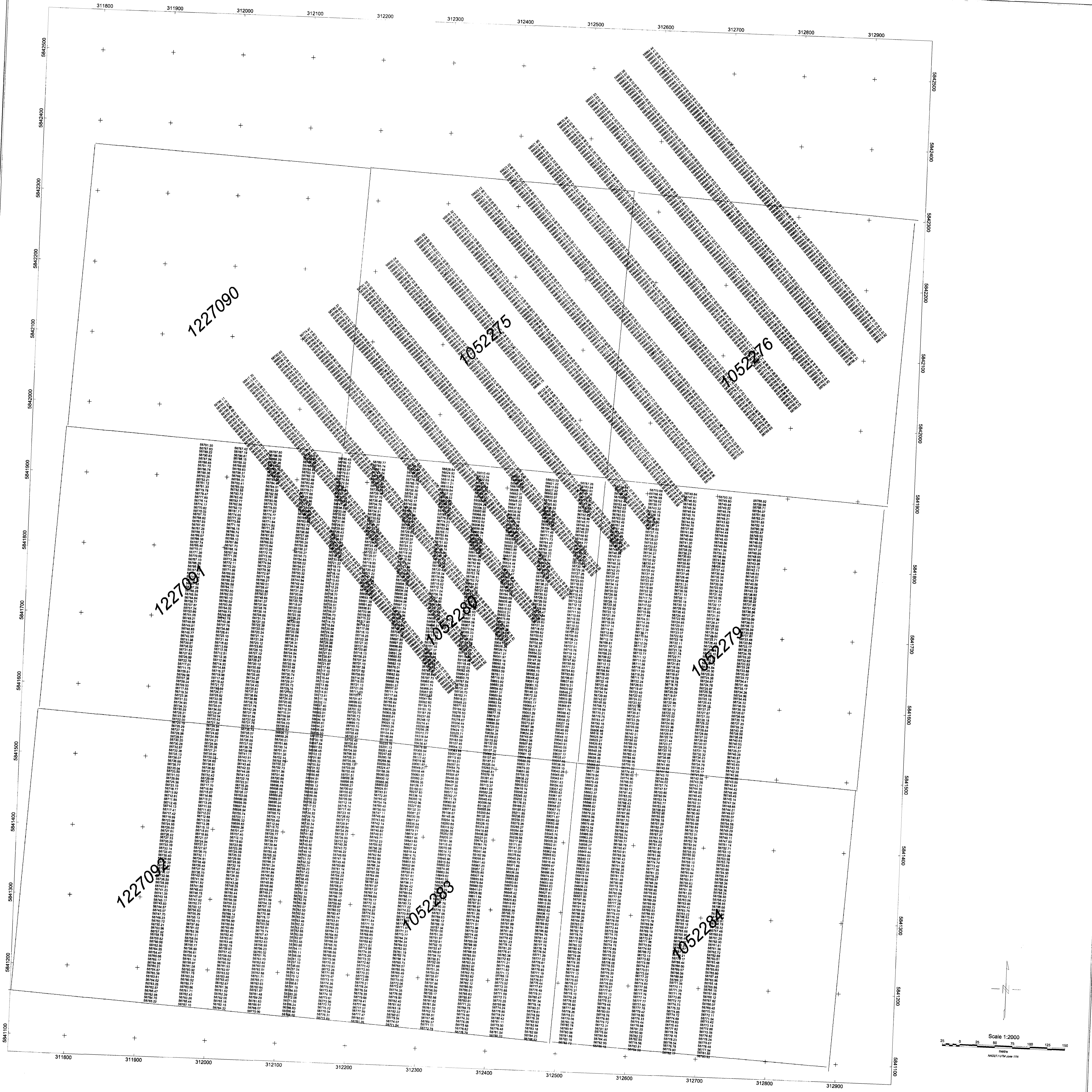


18 MAY / 1988

Number **G-3852**

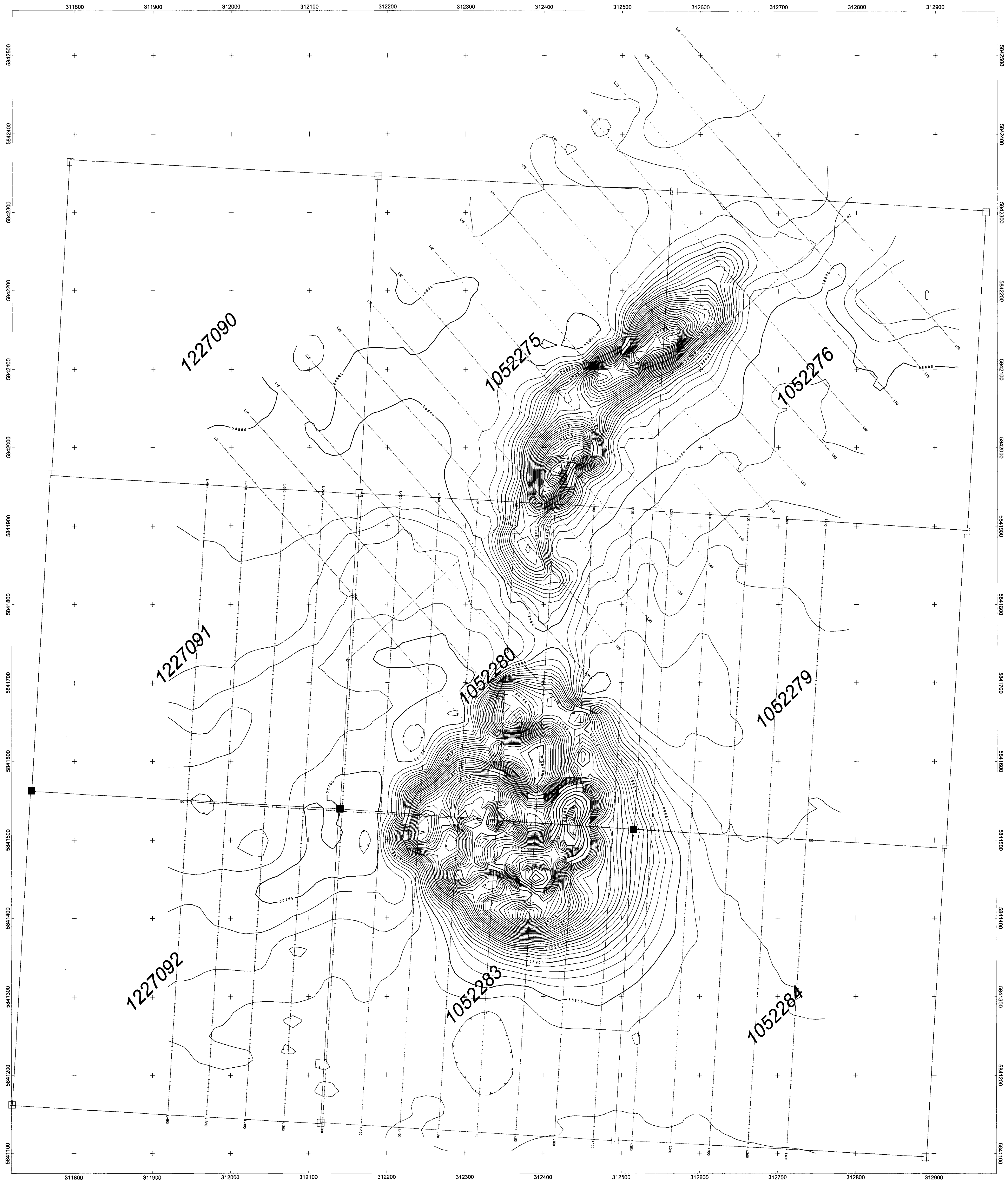


525-834 G-3843

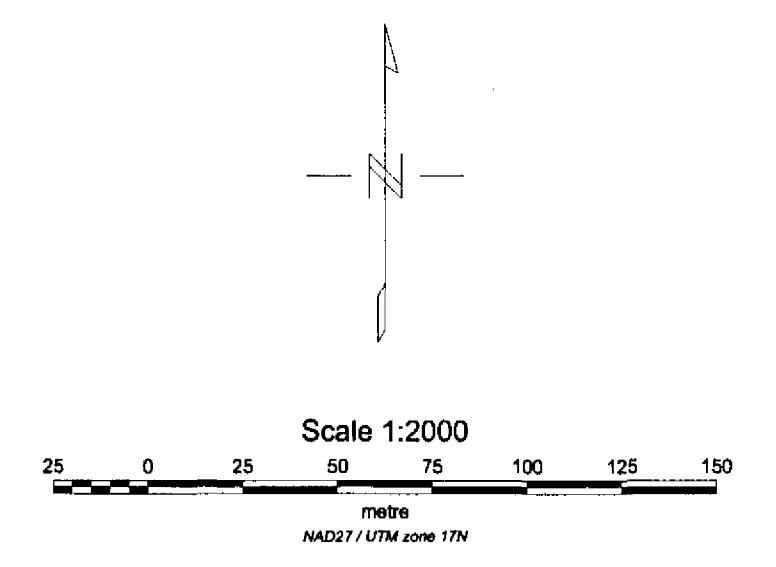


MONOPROS LIMITED  
Alpha-1 and Alpha-1 North  
Atawapiskat, Ontario  
Total Magnetic Intensity  
Readings in nT  
Survey Conducted by Services Exploration  
Survey Date: Nov 11 and 12, 1998/ Map Created: March 19, 1999  
Tommy Wilson  
KKA





- Claim Post: GPS position
- Claim Post



**MONOPROS LIMITED**  
 Alpha-1 and Alpha-1 North  
 Attawapiskat, Ontario  
 Total Magnetic Intensity

Contours at 20, 100, 500 m  
 Survey Conducted by Services Exploration  
 Survey Date: Nov 11 and 12, 1998/ Map Created: March 19, 1999

*Mark Wilson* KKA

