



42A05NE2005 2.18169 WHITESIDES

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**LOGISTICAL REPORT**

**MAGNETOMETER SURVEY**

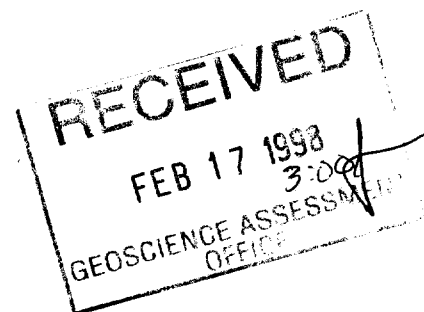
**BARNES OPTION**

**WHITESIDES TWP, ONTARIO**

**FOR**

**PROSPECTORS ALLIANCE CORPORATION**

**JVX Ltd.**



**LOGISTICAL REPORT**

**MAGNETOMETER SURVEY**

**BARNES OPTION**

**WHITESIDES TWP., ONTARIO**

For:

**Prospectors Alliance Corporation**  
Suite 1800, 95 Wellington Street West  
Toronto, Ontario, M5J 2N7

**Attention: Peter Vamos**  
Tel.: (905) 689 6276  
Fax: (905) 690 2175

By:

JVX Ltd.  
60 West Wilmot Street, Unit #22  
Richmond Hill, Ontario  
L4B 1M6  
Tel: (905) 731-0972  
Fax: (905) 731-9312

Contact: Blaine Webster

JVX Ref: 9805  
January 1998



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## 1. INTRODUCTION

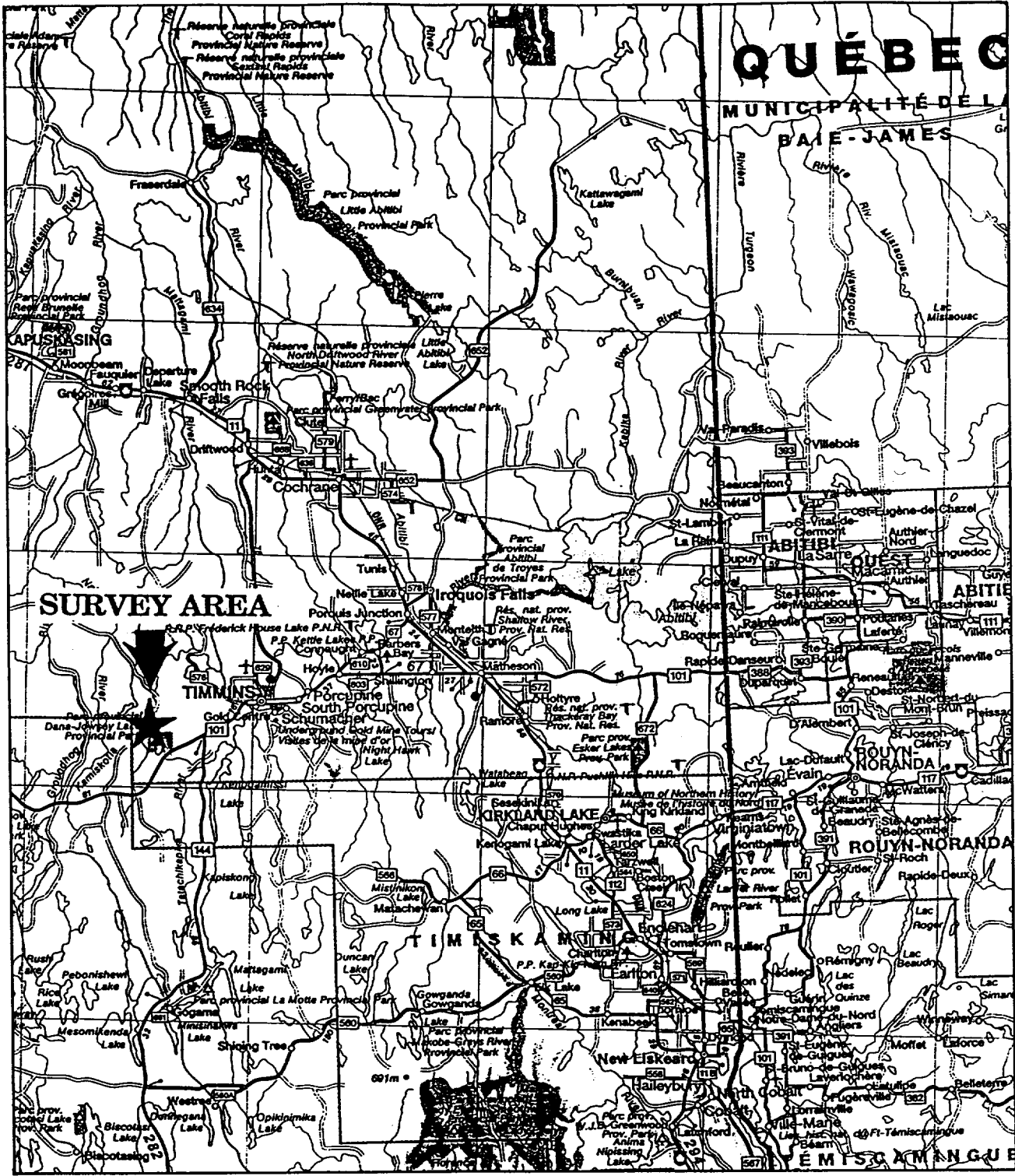
JVX Ltd. prepared this Logistical Report on the Total Field Magnetometer Survey on Barnes Option on behalf of Prospectors Alliance Corporation. The Field work was conducted by Exsics Exploration Ltd. in the spring of 1997. The property is located southwest of Timmins, Ontario (Figure 1) in Whitesides Township (NTS 42 A/5) on the following claims (Figure 2, Grid/Claim Map):

1204587 (4 Units)  
1128935

## 2. SURVEY SPECIFICATIONS and PRODUCTION SUMMARY

Instrument	Scintrex ENVIMAG
Sensor Type	Proton Precession
Station Spacing	12.5 m
Number of Lines Surveyed	10
Survey Coverage	10920 m

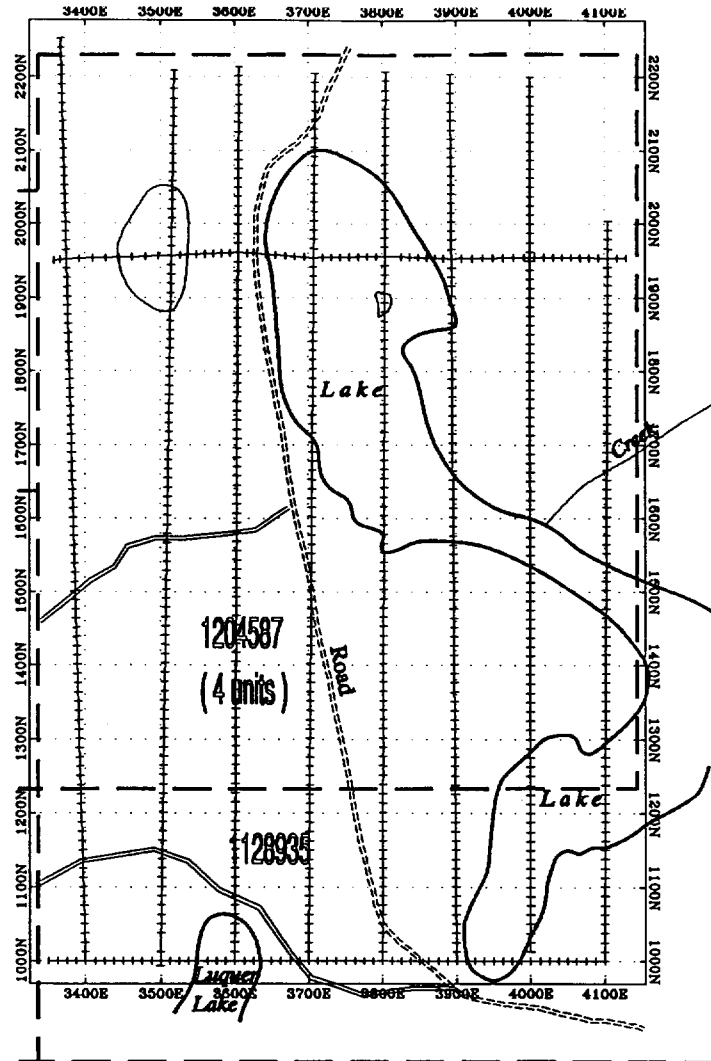
**Table 1: Specifications for the Magnetometer Survey**



**LOCATION MAP**  
**PROSPECTORS ALLIANCE INC.**  
**BARNES OPTION**  
 Whitesides Twp., Ontario  
 N.T.S. 42 A/5  
**GROUND GEOPHYSICAL SURVEY**  
 Scale : 1 : 1,725,000

Surveyed by Exsics Exploration Ltd.  
 Data Processing by JVX Ltd.  
 Spring 1997

Figure 1



**GRID / CLAIM MAP**  
**PROSPECTORS ALLIANCE INC.**  
**BARNES OPTION**  
Whitesides Twp., Ontario  
N.T.S. 42 A/5  
**GROUND GEOPHYSICAL SURVEY**  
Scale : 1 : 10,000

Surveyed by Exsics Exploration Ltd.  
Data Processing by JVX Ltd.  
Spring 1997

Figure 2



<b>Line</b>	<b><u>From Station</u></b>	<b><u>To Station</u></b>	<b><u>Distance (m)</u></b>
3400E	1000N	2252.6N	1252.6
3500E	993.5N	2208.8N	1215.4
3600E	1000N	2213.9N	1213.9
3700E	1000N	2205.1N	1205.1
3800E	1000N	2207.6N	1207.6
3900E	1000N	2203.8N	1203.8
4000E	1000N	2200N	1187.5
4100E	1000N	2004.2N	1004.2
1000N	3400E	4100E	700
1950N	3400E	4129.8E	729.8
<b>Total</b>			<b>10920</b>

**Table 2: Production Summary**

### **3. PERSONNEL**

Exsics Exploration Ltd.

P.O.Box 1880 P4N 7X1

Suite 13, Hollinger Bldg, Timmins Ontario

Exsics Exploration Ltd. carried out Total Field Magnetometer Survey in the field.

The Logistical report was prepared by JVX Ltd.

Aleksandra Savic (Geophysicist):

Ms. Savic processed and plotted the data, prepared this report and is responsible for data storage.

Dagmar Piska (Draftsperson):

Ms. Piska carried out the drafting on the figures/plates and assembled this report.

Blaine Webster (President, JVX Ltd.):

Mr. Webster provided overall supervision of the report.

## **4. FIELD INSTRUMENTATION**

The **Scinterex ENVIMAG System** were used to measure the Total Magnetic Field over the grid. A base station was used to correct for both diurnal variations and reference field values.

## **5. DATA PROCESSING**

The profiles and contours of the magnetic data were generated in the JVX Ltd. office using the **GEOSOFT Processing** packages. A sample interval of 12.5 meters was used for posting values with profiles. Base field of 58000 nT was used as a base value to remove before posting.

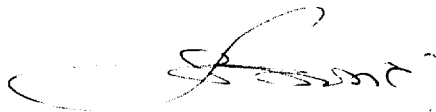
## **6. SUMMARY**

JVX Ltd. prepared a logistical report on the Total Field Magnetic Survey for the Barnes Option on behalf of Prospectors Alliance Corporation. For the total grid coverage of 10.920 km, profile and contour maps are presented with claim and topography map overlay in Appendix B.

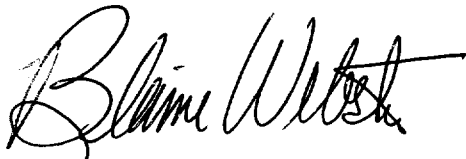
If there are questions with regard to this report please call the undersigned.

Respectfully submitted,

**JVX Ltd.**



Aleksandra Savic, M.Sc.  
Geophysicist



Blaine Webster, B.Sc.  
President

**APPENDIX A**

# SCINTREX

## ENVI GEOPHYSICAL SYSTEM

### Total Field Operating Range

20,000 to 100,000 nT (gammas)

### Total Field Absolute Accuracy:

±1 nT

### Sensitivity:

0.1 nT at 2 second sampling rate

### Tuning

Fully solid state. Manual or automatic keyboard selectable

### Cycling (Reading) Rates

0.5, 1 or 2 second sensor, 1/2m (20 inch) staff extender and processor module

### Gradiometer Option

Includes a second sensor, 1/2m (20 inch) staff extender and processor module

### VLF Option

Includes a VLF sensor and harness assembly

### 'WALKMAG' Mode

0.5 seconds for walking surveys, variable rates for hilly terrain

### Digital Display

LCD 'Super Twist', 240 x 64 dots graphics, 8 line x 40 characters alphanumeric

### Display Heater

Thermostatically controlled, for cold weather operations

### Keyboard Input

17 keys, dual function, membrane type

### Notebook Function

32 characters, 5 user-defined MACRO's for quick entry

### Standard Memory

Total Field Measurements: 28,000 readings

Gradiometer Measurements: 21,000 readings

Base Station Measurements: 151,000 readings

VLF Measurements: 4,500 readings for 3 frequencies

### Expanded Memory

Total Field Measurements: 140,000 readings

Gradiometer Measurements: 109,000 readings

Base Station Measurements: 750,000 readings

VLF Measurements: 24,000 readings for 3 frequencies

### Real-Time Clock

Records full date, hours, minutes and seconds with 1 second resolution, ±1 second stability over 24 hours

### Digital Data Output

RS-232C interface, 600 to 57,600 Baud, 7 or 8 data bits, 1 start,

1 stop bit, no parity format. Selectable carriage return delay (0-999 ms) to accommodate slow peripherals. Handshaking is done by X-on/X-off. High speed Binary Dump

### Analog Output

0-999 mV full scale output voltage with keyboard selectable range of 1, 10, 100, 1000 or 10,000 full scale

### Power Supply

Rechargeable 'Camcorder' type, 2.3 Ah, Lead-acid battery  
12 Volts at 0.65 Amp for magnetometer, 1.2 Amp for gradiometer  
External 12 Volt input for base station operations  
Optional external battery pouch for cold weather operations

### Battery Charger

110 Volt-230 Volt, 50/60 Hz

### Operating Temperature Range

Standard: -40° to 60°C

### Dimensions & Weight

Console:	250mm x 152mm x 55mm 10" x 6" x 2.25" 2.45 kg (5.4 lbs) with rechargeable battery
T.F. sensor:	70mm x 175mm 2.75"d x 7" 1 kg (2.2 lbs) (sensor)
Gradiometer sensor and staff extender:	70mm x 675mm 2.75"d x 26.5" 1.15 kg (2.5 lbs) (sensor)
T.F. staff:	25mm x 2m 1"d x 76" .8 kg (1.75 lbs)
VLF sensor Head:	140mm x 130mm 5.5"d x 5.1" .9kg (2 lbs)
VLF Electronics Module:	280mm x 190mm x 75mm 11" x 7.5" x 3" 1.7kg (3.7 lbs)

## SCINTREX

### Head Office

222 Snidercroft Road, Concord, Ontario, Canada L4K 1B5  
Tel.: (905) 669-2280 • Fax: (905) 669-6403 • Telex: 06-964570  
In the U.S.A.

525 Fort Worth Drive, Suite 216, Denton, Texas U.S.A. 76201  
Tel.: (817) 591-7755 • Fax: (817) 591-1968

### In Australia

1031 Wellington St., West Perth, West Australia 6005  
Tel.: (619) 321-6934 • Fax: (619) 481-1201

**APPENDIX B**



Ministry of Northern Development and Mines

Baru 1-2 L+M

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

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) <i>W960.00129</i>
Assessment Files Research Imaging



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of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act, you must review the assessment work and correspond with the mining land holder. g Recorder, Ministry of Northern Development and Mines, 6th Floor,

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

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

Name <i>John Peter Huot</i>	Client Number <i>146892</i>
Address <i>Box 106, 36 Maple Street S.</i>	Telephone Number <i>(705) 267-6464</i>
	Fax Number <i>264-3260</i>
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.**

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

Work Type <i>Line cutting Magnetic survey</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$ 4907</i>
Dates Work Performed From <i>15 03 1997</i> To <i>30 03 1997</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Procupine</i>
Township/Area <i>Whitesides</i>	Resident Geologist District <i>Timmins</i>
M or G-Plan Number <i>G 3220</i>	

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	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

**RECEIVED**  
FEB 17 1998  
3:00  
GEOSCIENCE ASSESSMENT OFFICE

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

I, *Peter J. Vamos* (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>Peter J. Vamos</i>	Date <i>12 Feb 98</i>
Agent's Address <i>19 Berry Hill Av. Waterdown On</i>	Telephone Number <i>(905) 684-6276</i>
	Fax Number <i>(905) 690-2171-</i>

*Deemed May 18 1998*

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

129860.00129 FINAL REVISION

Mining 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.
eg TB 7827	18 ha	\$28,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,882	\$ 4,000	0	\$4,882
1 1204587	4	<sup>31.50</sup> 8,445 X	PV		3,450 PV
2 1128935	3	<sup>9.57</sup> 6.55 X	PV		9,57 PV X
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		4,407			4,967

RECEIVED  
FEB 17 1998  
GEOSCIENCE ASSESSMENT OFFICE

RECEIVED  
FEB 20 1998  
GEOSCIENCE ASSESSMENT OFFICE

I, Peter J. VAMOS, 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 Record Holder or Agent Authorized in Writing: Peter J. Vamos Date: 12 Feb 98

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 (02/96)

FEB 20 '98 15:45

7852645955

PAGE 01

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 (02/96)





Baron. 1-2 L, M. Statement of Costs for Assessment Credit

Transaction Number (office use) 19860.0029

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, 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.

Table with 4 columns: Work Type, Units of Work, Cost Per Unit of work, Total Cost. Rows include Line cutting, Magnetic survey, Report, Materials (maps), Transportation Costs, Food and Lodging Costs, and Total Value of Assessment Work.

RECEIVED FEB 17 1998 3:08 PM 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.

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.

Certification verifying costs:

I, Peter J. Vamos, 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 Agent I am authorized to make this certification.

Signature Peter J. Vamos Date 12 Feb 98

May 1, 1998

JOHN PETER HUOT  
36 MAPLE STREET, SOUTH  
TIMMINS, ONTARIO  
P4N-7H9

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

Telephone: (888) 415-9846  
Fax: (705) 670-5881

Dear Sir or Madam:

**Submission Number: 2.18169**

**Status**

**Subject: Transaction Number(s):** W9860.00129 **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.

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:** 2.18169

**Date Correspondence Sent:** May 01, 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>
W9860.00129	1204587	WHITESIDES	Deemed Approval	April 29, 1998

**Section:**  
14 Geophysical MAG

**Correspondence to:**  
Resident Geologist  
South Porcupine, ON

**Recorded Holder(s) and/or Agent(s):**  
Peter J. Vamos  
WATERDOWN, ON

Assessment Files Library  
Sudbury, ON

JOHN PETER HUOT  
TIMMINS, ONTARIO

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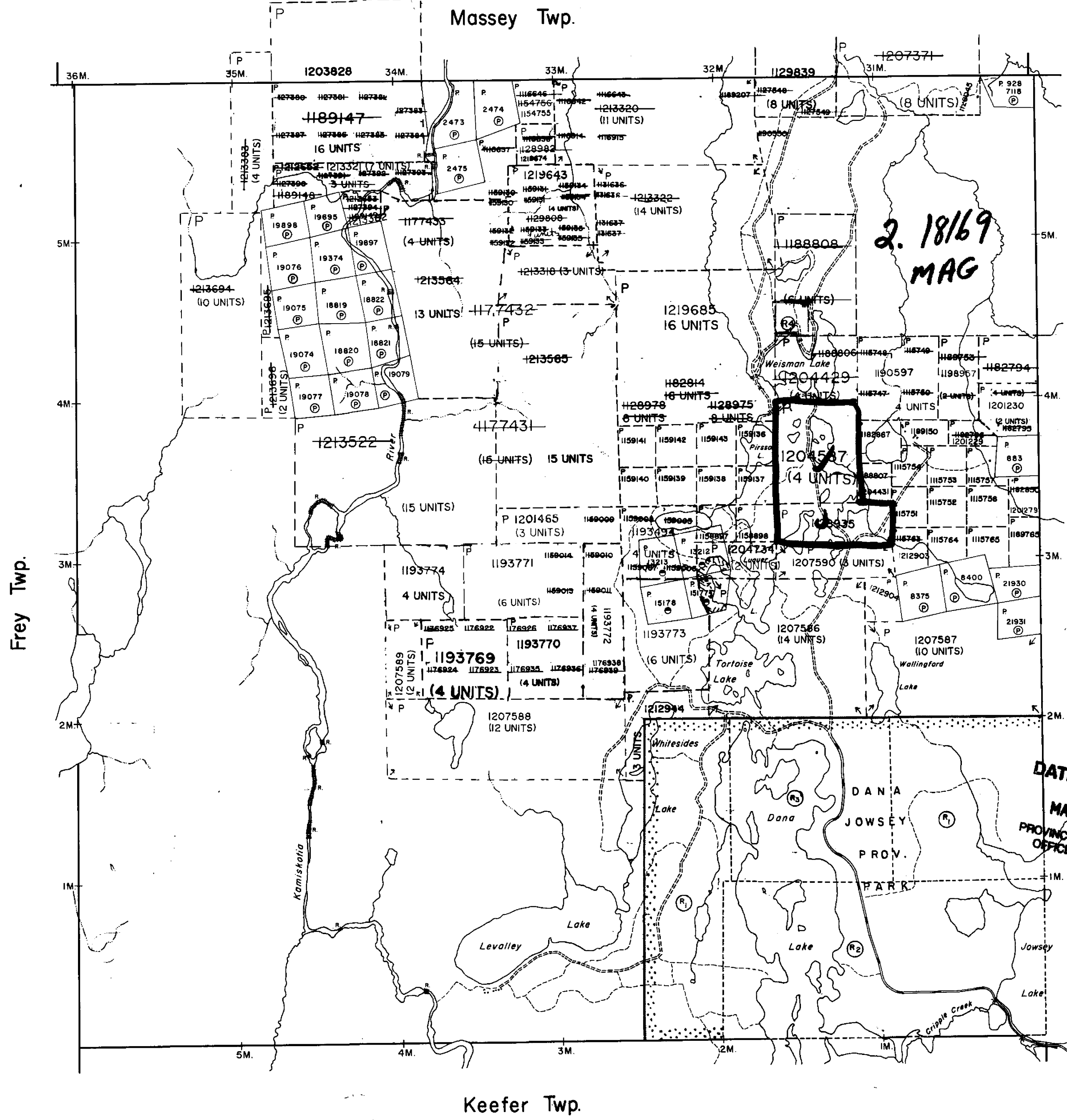
**REFERENCES**

**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
1 DANA AND JOWSEY LAKES PARK RES.			S.R.O.	171506
SEC. 36/80	W.66/83		M.R.O.	
2 SEC. 43/70		FEB. 3/66	M. & S.R.	171506
3 SEC. 43/70		28/1/71	M. & S.R.	171506

4 MINING AND SURFACE RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1990 ORDER NO. W-P 49/94 HER DATED 94-MAY-02



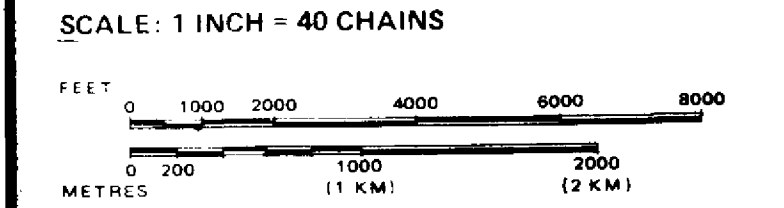
**LEGEND**

- 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**

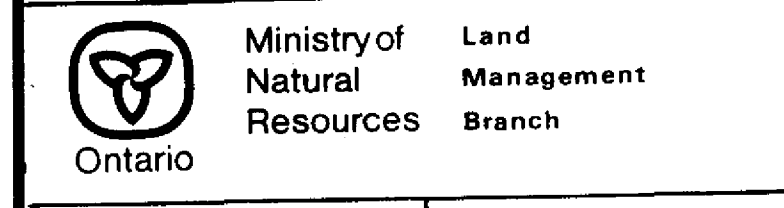
TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	⊙ or ●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	□
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	○
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1918, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.



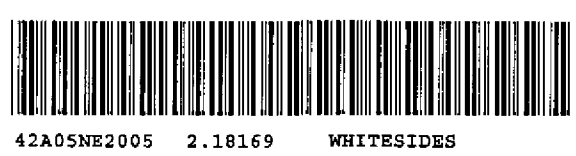
DATE OF ISSUE  
MAY 5 1988  
PROVINCIAL RECORDING  
OFFICE - SUDBURY

TOWNSHIP  
**WHITESIDES**  
M.N.R. ADMINISTRATIVE DISTRICT  
TIMMINS  
MINING DIVISION  
PORCUPINE  
LAND TITLES / REGISTRY DIVISION  
COCHRANE



Date FEBRUARY 1985  
Number  
**G-3230**

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.



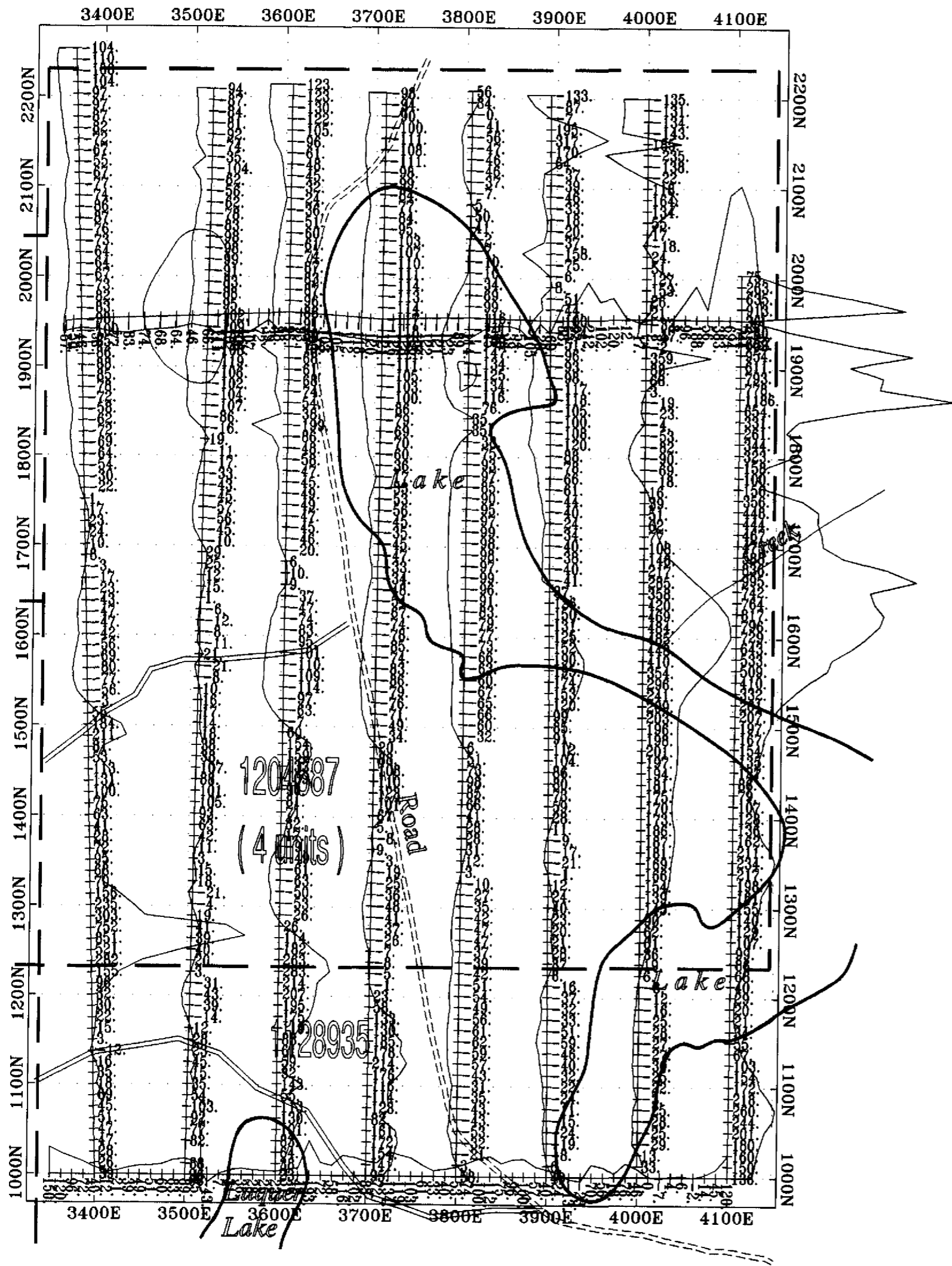


Plate 1

PROSPECTORS ALLIANCE CORP.

Barnes Option  
 WHITESIDES TWP., ONTARIO  
 NTS 42 A/5

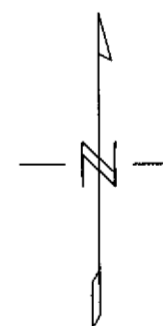
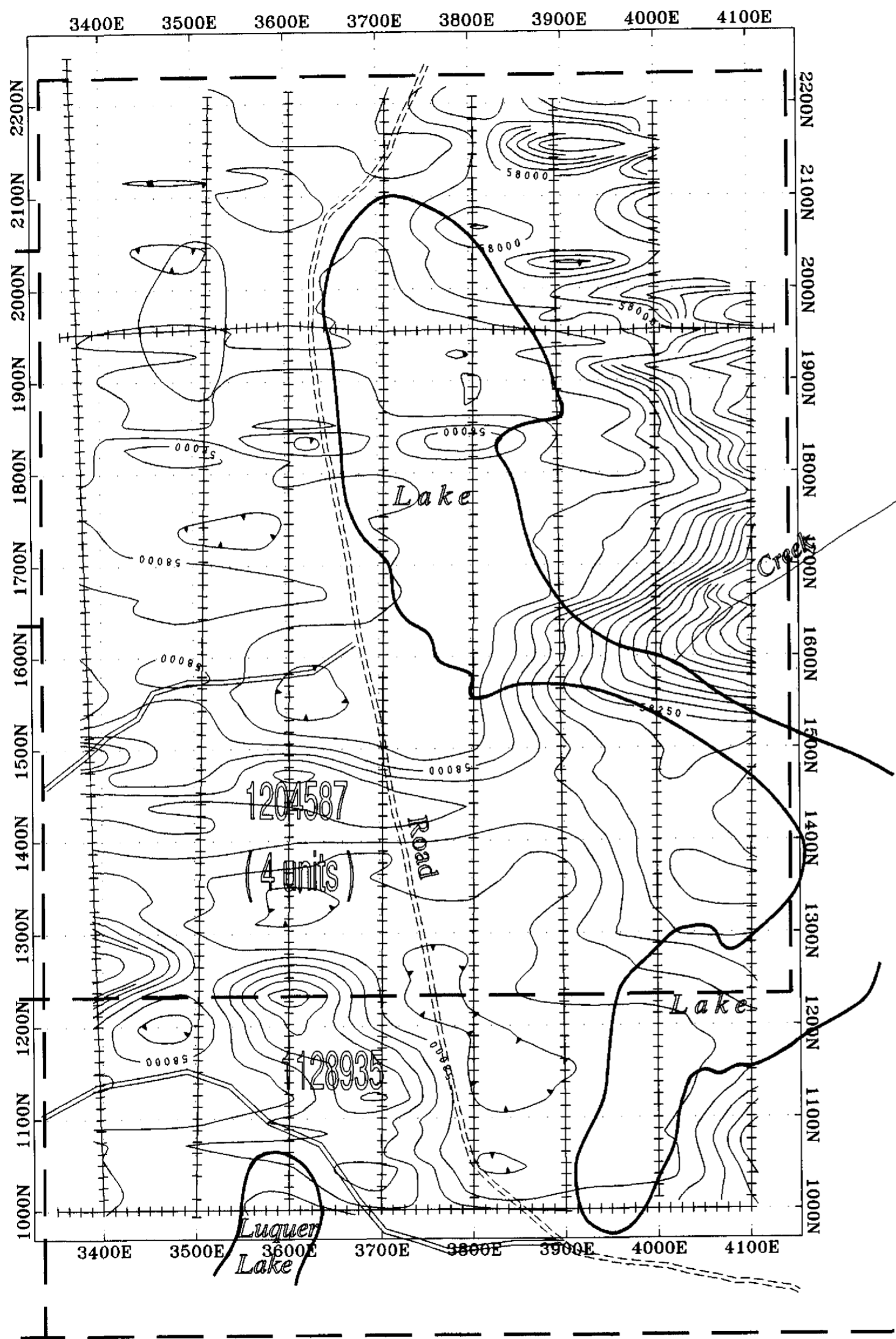
TOTAL FIELD MAGNETIC PROFILE MAP  
 Surveyed using Scintrex ENVI Magnetometer  
 Positive Eastwards, Base Field 58000 nT  
 1 cm rep. 250 nT

JVX Ltd. ref. no. 9805



42A05NE2005 2.18169 WHITESIDES

210



Scale 1:5000  
 50 0 50 100 150 200 250 300  
 (metres)

Plate 2

PROSPECTORS ALLIANCE CORP.

Barnes Option  
 WHITESIDES TWP., ONTARIO  
 NTS 42 A/5

TOTAL FIELD MAGNETIC CONTOUR MAP  
 Surveyed using Scintrex ENVI Magnetometer  
 Base Field 58000 nT  
 Contour Interval 50, 250 nT

JVX Ltd. ref. no. 9805

