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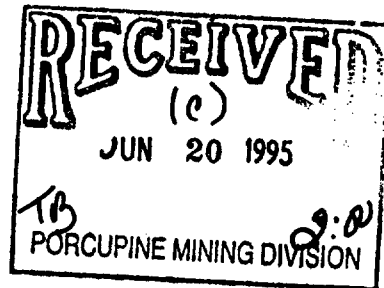
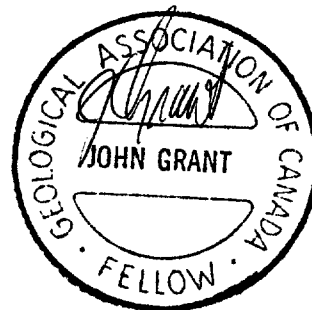
010

GEOPHYSICAL REPORT  
FOR  
FALCONBRIDGE LIMITED  
ON  
GRID NO.1  
REAUME TOWNSHIP  
PORCUPINE MINING DIVISION  
NORTHEASTERN, ONTARIO

**2. 16138**

*Quail # 2-3943*

PREPARED BY: J. C. Grant CET, FGAC





42A14NE0016 2.16138 REAUME

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## INTRODUCTION

The services of Exsics Exploration Limited were retained by Falconbridge Limited to complete a linecutting and geophysical program on a block of claims, Grid 1, located in Reaume Township of the Porcupine Mining Division, in the District of Cochrane, Northeastern, Ontario.

The purpose of this program was to test the property for geological structure which would be favourable areas for base metal deposition.

The linecutting commenced on January 24, 1995 and was completed February 2, 1995. The geophysical program was completed between February 19, 1995 and February 22, 1995.

This report will deal with the results of the program as well as conclusions and follow up recommendations.

## LOCATION AND ACCESS

Grid #1 is located in the north central portion of Reaume Township, Porcupine Mining Division, District of Cochrane, Northeastern Ontario.

More specifically the grid represents the majority of Lots 5 and 6 Concession V and N1/4 of Lot 5 Concession IV of the Township. Refer to Figures 2 and 3 of this report.

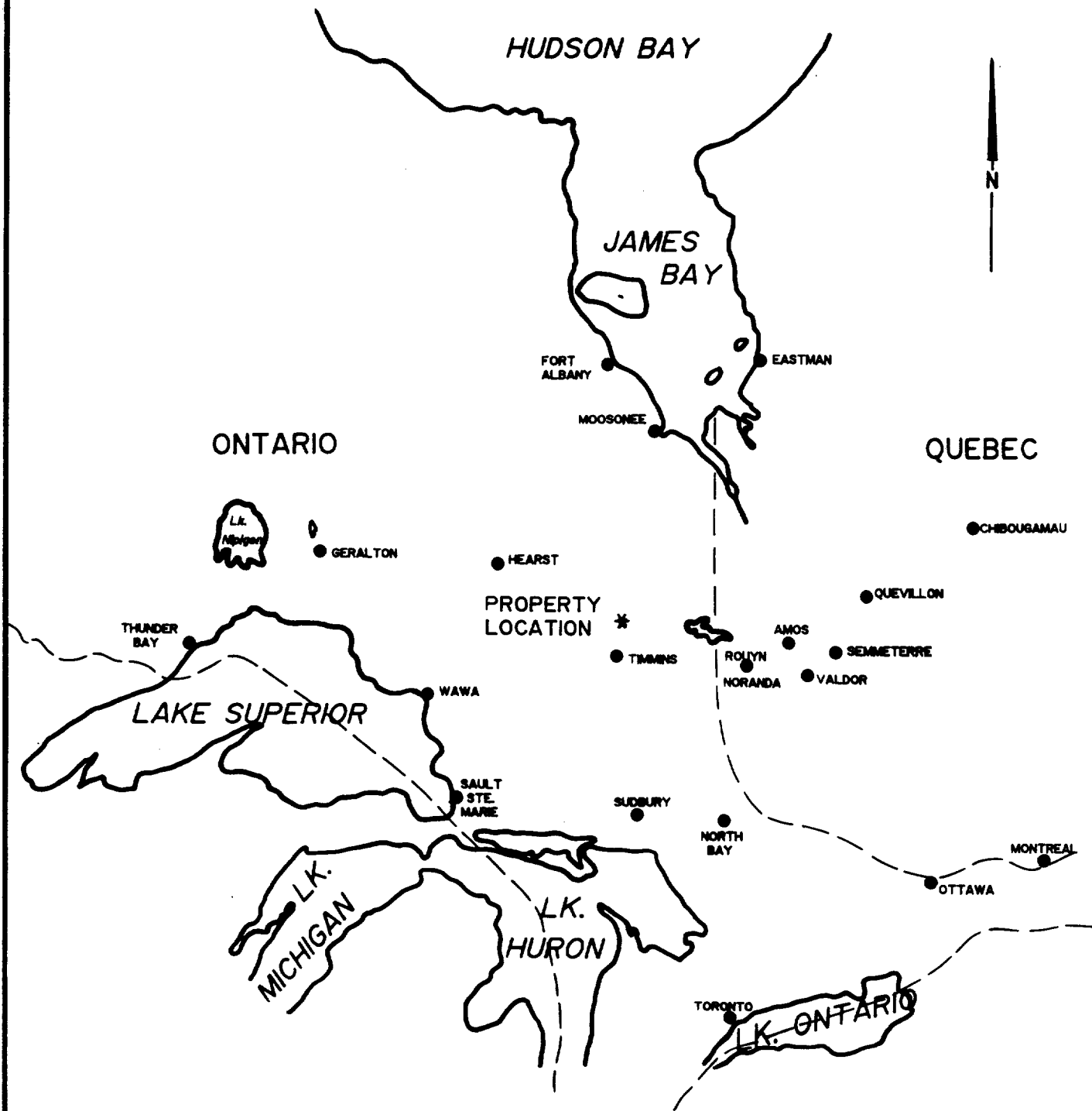
Access to the property was ideal during the survey period. Highway 11 north travels west from the Town of Cochrane and provides access to the Dunn Lake Road which travels south through Fournier Township and continues south into Reaume Township. Current logging operations in Reaume Township has resulted in this road being well maintained throughout the survey period. All of the grids in Reaume can be reached by 2 wheel vehicles following this logging road. Travel time from Cochrane to the Township of Reaume is approximately 20 to 30 minutes.

## CLAIM GROUP

The claim number which make up Grid #1 are as follows:

P-1204791	2 units
P-1204792	12 units

Refer to Figure 3, copied from MNDM Plan Map # G3560 Reaume Township, scale 1:20,000.



**EXSICS EXPLORATION LTD.**

P.O. Box 1000, P4M-7X1  
 Suite 13, Hollinger Bldg, Timmins Ont.  
 Telephone: 705-267-4251

**CLIENT: FALCONBRIDGE LIMITED**

**PROPERTY: REAUME & HANNA TWPS.**

**TITLE: PN 8246  
 LOCATION MAP**

Fig. 1

**Date: Feb. 1995**

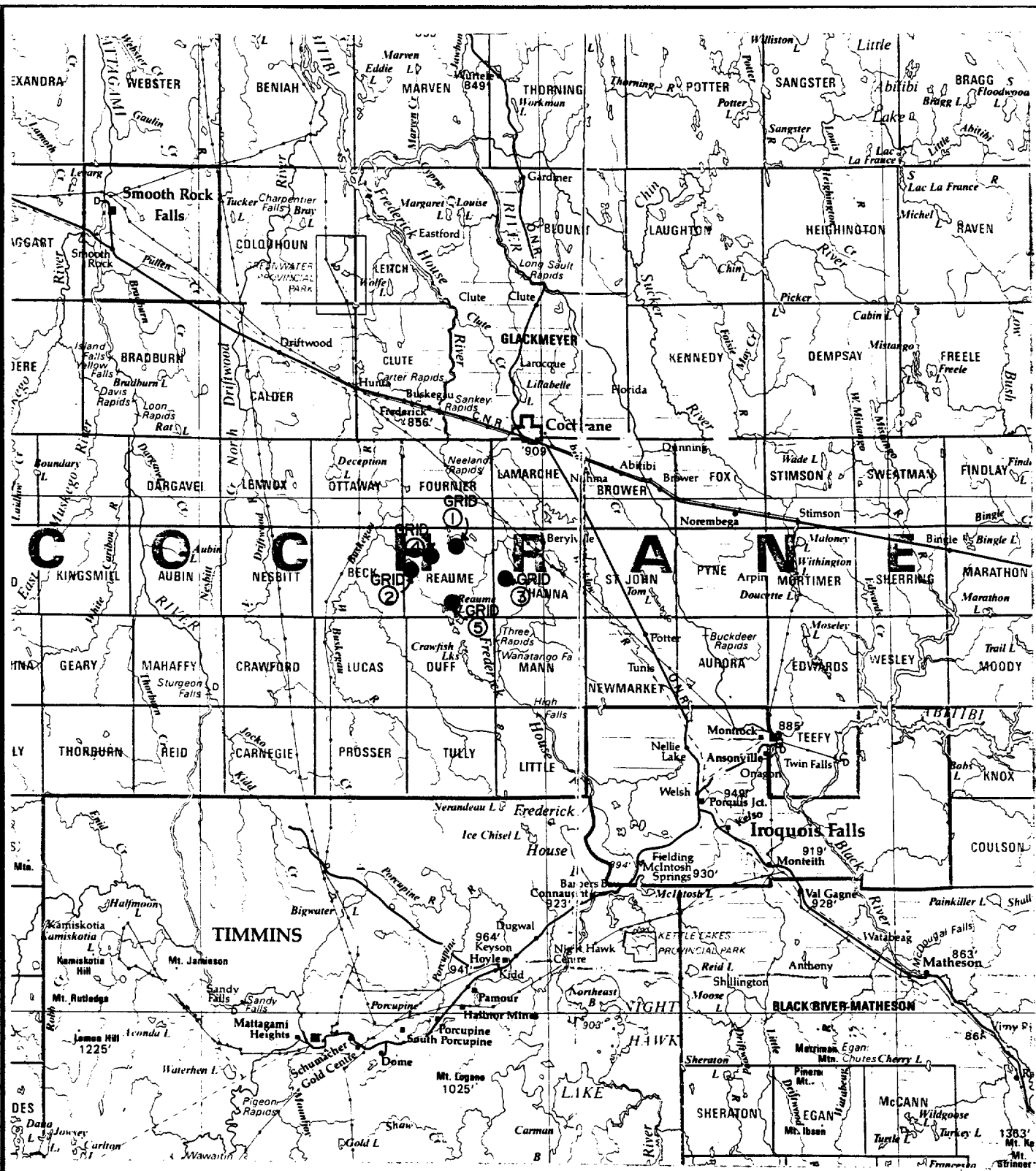
**Scale: 1"=25miles**

**NTS:**

**Drawn: P.Gauthier**

**Interp: J.C. Grant**

**Job No. E-96**



**EXSICS EXPLORATION LTD.**  
 P.O. Box 1000, P4N-7X1  
 Suite 13, Hollinger Bldg, Timmins Ont.  
 Telephone: 705-267-4151

**CLIENT: FALCONBRIDGE LIMITED**  
**PROPERTY: REAUME & HANNA TWP.**  
**TITLE: PN 8246**  
**PROPERTY LOCATION**

Fig. 2

Date: Feb. 1995	Scale: 1:600,000	NTS:
Drawn:	Interp: J.C. Grant	Job No. E-96

FOURNIER TWP

Carman  
Lake

VI

V

IV

III

8

7

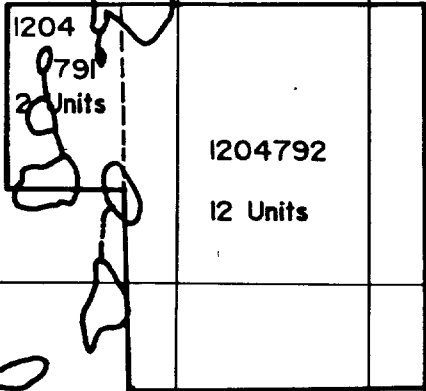
6

5

4

3

2



REAUME TWP



**EXSICS EXPLORATION LTD.**

P.O. Box 1000, P4M-7X1  
Suite 13, Hollinger Bldg, Timmins Ont.  
Telephone: 705-267-451

CLIENT: **FALCONBRIDGE LIMITED**

PROPERTY: **REAUME & HANNA TWPS.**

TITLE: **PN 8246  
CLAIM SKETCH GRID I**

Fig. 3

Date: Feb. 1995	Scale: 1"=1/2mile	NTS:
Drawn: P.Gauthier	Interp: J.C. Grant	Job No. E-96

## PERSONNEL

The field crew directly involved with collecting the survey data were as follows:

Richard Mathieu	-Timmins, Ontario
Robin Mathieu	-Timmins, Ontario
Todd Mathieu	-Timmins, Ontario

The geophysical program was carried out under the direct supervision of J. C. Grant. The plotting and computer compilation was completed by P. Gauthier of Exsics Exploration Limited.

## LINECUTTING PROGRAM

A detailed metric grid was first established across the property. All of the cross lines were chained at 20 meter station intervals with aluminum tags. In all, a total of 9.9 Km of grid lines were established across the property.

## GEOPHYSICAL PROGRAM

This program consisted of a Total Field Magnetic survey being done in conjunction with a Horizontal Loop, Electromagnetic, (HLEM), survey.

The magnetic survey was completed on the entire cut grid and the HLEM was completed on the cross lines only.

## MAGNETIC SURVEY

This program was completed using the EDA OMNI IV System.. Specifications for this unit can be found as Appendix A of this report. The following parameters were kept constant throughout the survey period.

Linespacing	-200 meters
Station Record Interval	-20 meters
Diurnal Correction Method	-base station recorder
Base Station Record Interval	-30 sec reading interval
Unit Accuracy	- +/- 0.5 gammas
Reference Field	-58,560 gammas
Datum Subtraction	-57,500 gammas

The collected data was then corrected for diurnal variations, a base level of 57,500 gamma was removed from each reading, and the resultant data was plotted directly onto a mylar base map at a scale of 1:5,000. The data was then contoured at 10 gamma intervals wherever possible.

A copy of this contoured map is included in the back pocket of this report.

## HLEM SURVEY

This program was completed using the Apex Parametrics MaxMin II System. Specifications for this unit can be found as Appendix B of this report.

The following parameters were kept constant throughout the survey period.

Linespacing	-200 meters
Reading Interval	-20 meters
Coil Separation	-200 meters
Theoretical Search Depth	-100-110 meters
Frequencies Recorded	-444 Hz, 1777Hz
Parameters Measured	-inphase and quadrature components of the secondary field
Unit Accuracy	- +/- 0.5%

The collected data was then plotted onto a mylar base map, one map for each frequency, at a scale of 1:5000. The data was then profiled at 1cm to +/- 20%. A line to line interpretation was done on each conductor located such that the depth and conductivity was calculated and placed directly on the base map. A copy of these base maps are included in the back pocket of this report.

## SURVEY RESULTS

The survey were successful in outlining 3 or 4 conductive zones on the grid. Each zone has been lettered and will be discussed seperately and in detail below:

Zone A:

This zone represents the most predominant feature on the grid. It generally strikes northwest to southeast across lines 0+00/300MN to L1000ME/140MS. The zone lies at a depth of 46 to 68 Meters with moderate to good conductivity of 5 to 50 Mhos. The feature lies within a magnetic high unit but generally along the south flank of the magnetic peak. The feature also appears to have been crosscut by a northeast striking structure running from L200ME/120MS to 800ME/180MN.

Zone B:

This zone generally strikes east-west across lines 200ME to 600ME. The target appears to represent a legitimate bedrock zone situated at a depth of 50 meters with good conductivity of 15 Mhos. Again the zone has moderate to good magnetic correlation.



Zone C:

This feature represents a weak questionable zone at this writing. The zone is relatively deep at 78 meters has weak conductivity of 1.5 Mhos. The eastern tip of the zone has good magnetic correlation and appears to have been interrupted on the west by an east to northeast cross structure.

In fact, Zone D may be a northwest extension of Zone C. Zone D lies along the north flank of the same magnetic unit which host Zone A.

## CONCLUSIONS AND RECOMMENDATIONS

The surveys were successful in locating two conductive zones worthy of follow-up programs.

Zone A is the most promising target on the grid. It also appears to be approximately on strike with a conductive zone to the west which was drilled and returned pyrohotite and calcopyrite

Zone B is also an interesting target area. Past drilling in the area has returned pyrohotite and calcopyrite results.

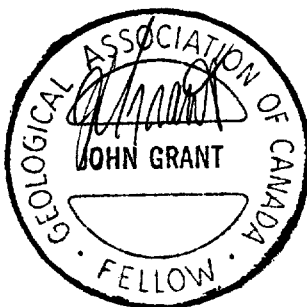
Should drilling encounter encouraging results on either Zone A or B, then Zone C and D should be re-evaluated.

CONDUCTIVE ZONE TABLE 1

Zone	Line/Station	Depth	Dip	Cond	Mag
A	0+00/305MN	-46-50M	Vertical	5 Mhos	North Flanking
A	800ME/60MS	68-70M	North to Vertical	9 Mhos	Direct
B	400ME/200MS	+50M	South to	15 Mhos	Direct
C	1000ME/160MN	78 M	Vertical	1.5 Mhos	Direct

Repectfully Submitted,

John C. Grant, CET FGAC

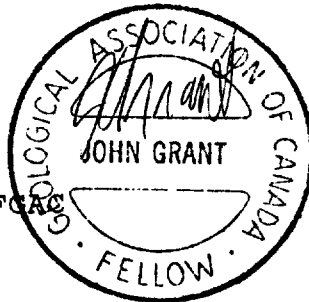


CERTIFICATE

I, John C. Grant, hereby certify that:

- 1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury, Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited (5 years), North Bay office, and as Exploration Manager and Geophysicist for Exsics Exploration Limited from 1980 to present.
- 2) I am a Member of the Certified Engineering Technologist Association since 1984.
- 3) I am a member of the Geological Association of Canada.
- 4) I have been actively engaged in my profession for the last twenty (20) years, including all aspects of exploration studies, surveys and interpretations.
- 5) I have no specific or special interest in the described property. I have been retained as a Consulting Geophysicist. for property appraisal.

John Charles Grant, CET, FCAC



APPENDIX A

# OMNI IV "Tie-Line" Magnetometer



- Four Magnetometers in One
- Self Correcting for Diurnal Variations
- Reduced Instrumentation Requirements
- 25% Weight Reduction
- User Friendly Keypad Operation
- Universal Computer Interface
- Comprehensive Software Packages



## Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	$\pm 15\%$ relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	$\pm 0.02$ gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	$\pm 1$ gamma at 50,000 gammas at 23°C $\pm 2$ gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from $-40^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ . The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	$-40^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ ; 0–100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

E D A Instruments Inc.  
4 Thorncliffe Park Drive  
Toronto, Ontario  
Canada M4H 1H1  
Telex: 06 23222 EDA TOR  
Cable: Instruments Toronto  
(416) 425 7800

In U.S.A.  
E D A Instruments Inc.  
5151 Ward Road  
Wheat Ridge, Colorado  
U.S.A. 80033  
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Printed in Canada

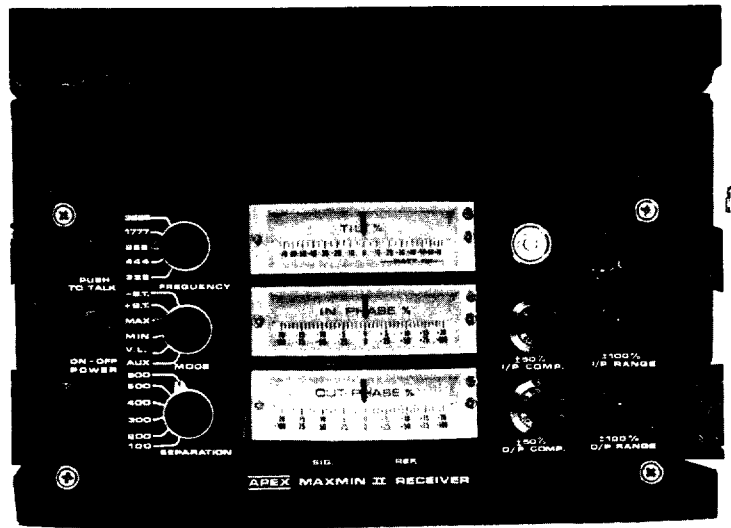
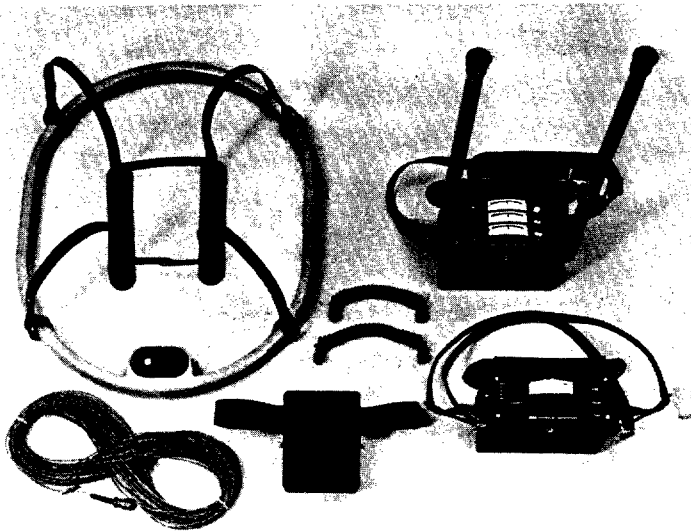
**APPENDIX B**

# APEX

# MAXMIN II PORTABLE EM

- Five frequencies: 222, 444, 888, 1777 and 3555 Hz.
- Maximum coupled (horizontal-loop) operation with reference cable.
- Minimum coupled operation with reference cable.
- Vertical-loop operation without reference cable.
- Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.
- Reliable data from depths of up to 180m (600 ft).
- Built-in voice communication circuitry with cable.
- Tilt meters to control coil orientation.





**Frequencies:** 222, 444, 888, 1777 and 3555 Hz.

**MAX:** Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with reference cable.

**MIN:** Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

**V.L.:** Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

**Coil Separations:** 25, 50, 100, 150, 200 & 250m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIF). Coil separations in V.L. mode not restricted to fixed values.

**Parameters Read:**

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.

**Readouts:**

- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90mm edgewise meters in V.L. mode.

**Scale Ranges:**

In-Phase:  $\pm 20\%$ ,  $\pm 100\%$  by push-button switch.  
 Quadrature:  $\pm 20\%$ ,  $\pm 100\%$  by push-button switch.  
 Tilt:  $\pm 75\%$  slope.  
 Null (V.L.): Sensitivity adjustable by separation switch.

**Resolution:** In-Phase and Quadrature: 0.25 % to 0.5 % ; Tilt: 1% .

**Accuracy:**  $\pm 0.25\%$  to  $\pm 1\%$  normally, depending on conditions, frequencies and coil separation used.

**Typical Sensitivity:**

- 222Hz : 220 Atm<sup>2</sup>
- 444Hz : 200 Atm<sup>2</sup>
- 888 Hz : 120 Atm<sup>2</sup>
- 1777 Hz : 60 Atm<sup>2</sup>
- 3555 Hz : 30 Atm<sup>2</sup>

**Batteries:** 9V trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

**Transmitter Rechargeable Battery:** 12V 6Ah Gel-type rechargeable battery. (Charger supplied).

**Reference Cable:** Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

**Voice Unit:** Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

**Indicator Lights:** Built-in signal and reference warning lights to indicate erroneous readings.

**Temperature Range:** -40°C to +60°C (-40°F to +140°F).

**Receiver Weight:** 6kg (13 lbs.)

**Transmitter Weight:** 13kg (29 lbs.)

**Shipping Weight:** Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification.





Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16138

- Instructions:
- Please type or print and submit in duplicate
  - Refer to the Mining Act and Regulations for Recorder.
  - A separate copy of this form must be completed
  - Technical reports and maps must accompany
  - A sketch, showing the claims the work is performed on



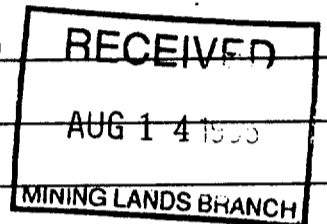
42A14NE0016 2.16138 REAUME

900

Recorded Holder(s) Falconbridge Limited		Client No. 130679
Address 571 Moneta Ave.		Telephone No. 267-1188
Mining Division Porcupine	Township/Area Reaume	M or G Plan No.
Dates Work Performed From: January 24, 1995		To: February 19, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Gridding (9.9km), TFM (9.9km), HLEM (7.1km)
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

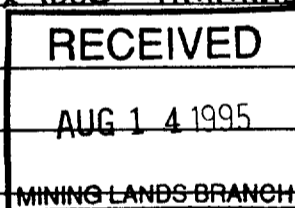


Total Assessment Work Claimed on the Attached Statement of Costs \$ 5012.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
J.C. Grant, Exics Exploration	P.O. Box 1880 Timmins, Ont.



(attach a schedule if necessary)

Certification of Beneficial Interest \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date June 20 '95	Recorded Holder or Agent (Signature) Paul Nagel Paul Nagel
--	---------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Paul Nagel 571 Moneta Ave		
Telephone No.	Date June 20 1995	Certified By (Signature) Paul Nagel Paul Nagel

For Office Use Only

Total Value Cr. Recorded 5012	Date Recorded	Mining Recorder Dany White undated	RECEIVED (e) JUN 20 1995 PB 2:00 PORCUPINE MINING DIVISION
	Deemed Approval Date SEPT. 18/95	Date Approved	
	Date Notice for Amendments Sent		

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction  
W9560.00298

2016138

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	600	600
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Gridding	2425	
	TFM	792	
	NLEM	1065	4282
Supplies Used Fournitures utilisées	Type Flagging, Topofil, etc	30	
			30
Equipment Rental Location de matériel	Type Truck, skidoo	100	
			30
Total Direct Costs Total des coûts directs			502

2. Indirect Costs/Coûts indirects

\*\* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démoblisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
x 0,50	

Certification Verifying Statement of Costs

I hereby certify: that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Agent I am authorized (Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente : que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de Agent je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature Paul Nagel Date June 20 '95

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Geoscience Approvals Section  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

August 21, 1995

Our File: 2.16138  
Transaction #: W9560.00298

Mining Recorder  
Ministry of Northern Development & Mines  
60 Wilson Avenue, 1st Floor  
Timmins, Ontario  
P4N 2S7

Dear Mr. White:

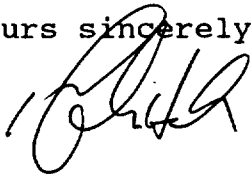
**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS  
1204791 & 1204792 IN REAUME TOWNSHIP**

Assessment credits have been approved as outlined on the report of work form. The credits have been approved under Section 14 (Geophysical) of the Mining Act Regulations.

The approval date is August 21, 1995.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5855.

Yours sincerely,



Mark Hall  
Acting Senior Manager, Mining Lands Section  
Mining and Land Management Branch  
Mines and Minerals Division

*SBB* SBB/yr

*MC* Resident Geologist  
Timmins, Ontario

Assessment Files Library  
Sudbury, Ontario

**NOTES**

400' surface rights reservation along the shores of all lakes and rivers.

Subdivision of this township into lots and concessions was annulled July 9, 1962.

SAND AND GRAVEL

- ① SAND AND GRAVEL FILE 114678 EXPIRED NOTICE RECEIVED 93-JAN-06
- ② SAND AND GRAVEL FILE 114680 EXPIRED NOTICE RECEIVED 93-JAN-06
- ③ SAND AND GRAVEL FILE 115275 EXPIRED NOTICE RECEIVED 93-JAN-06
- ④ SAND AND GRAVEL

\* PROPOSED SILVICULTURE PLANTING CAMPS REF. TO JANUARY 12, 1989

① THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1992/93. FURTHER INFORMATION AVAILABLE ON FILE

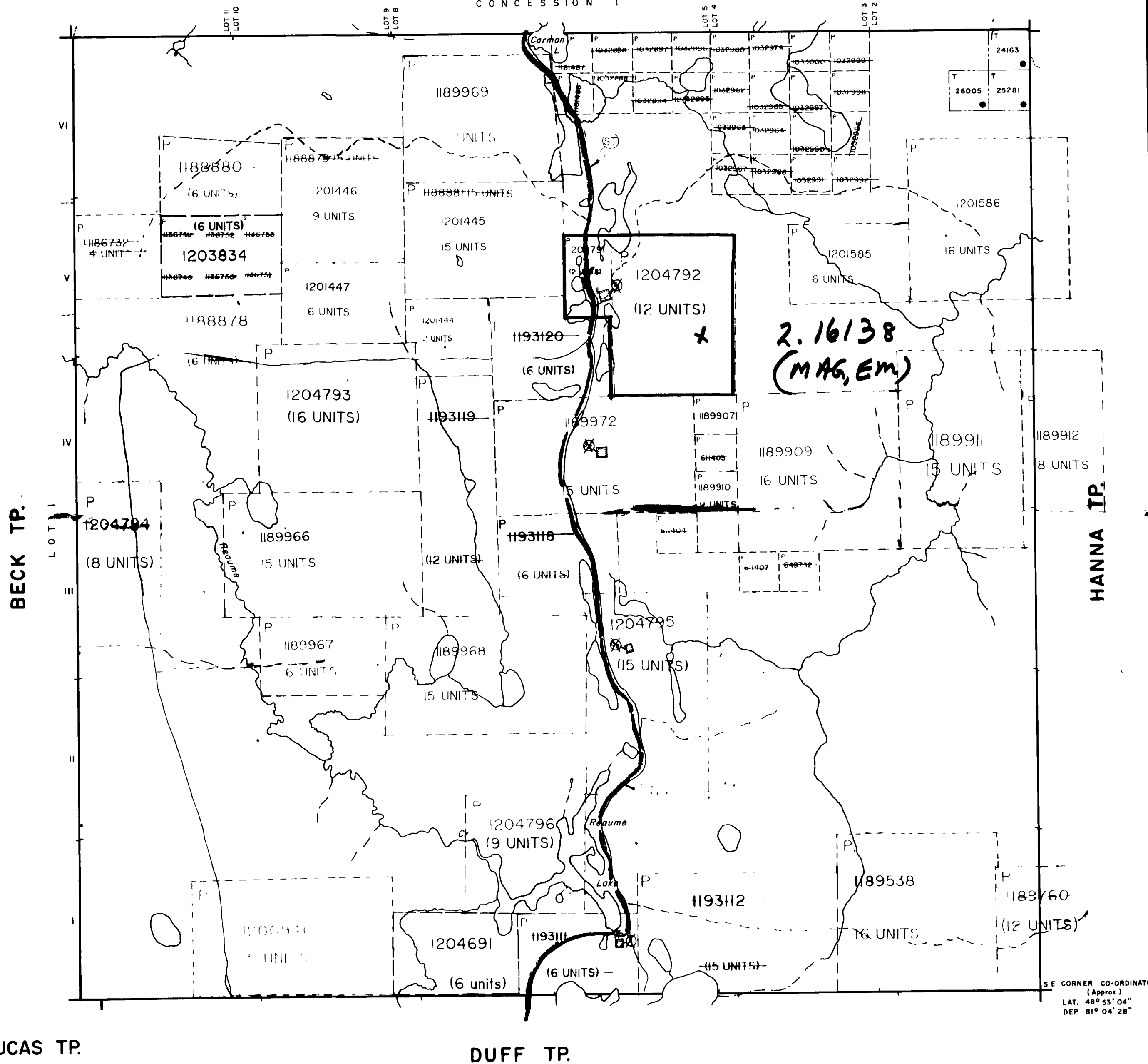
② SNOWMOBILE TRAIL NOTICE RECEIVED 92-DEC-09

③ THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94. FURTHER INFORMATION ON FILE

④ THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94. (CHEM. SPRAY, JULY 22, 1993)

**FOURNIER TP.**

CONCESSION 1



SE CORNER CO-ORDINATES (Approx)  
LAT. 48° 53' 04"  
DEP. 81° 04' 28"

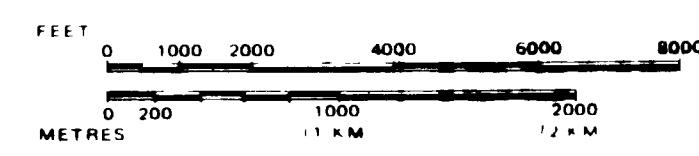
**LEGEND**

- 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	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊕

SCALE 1 INCH = 40 CHAINS

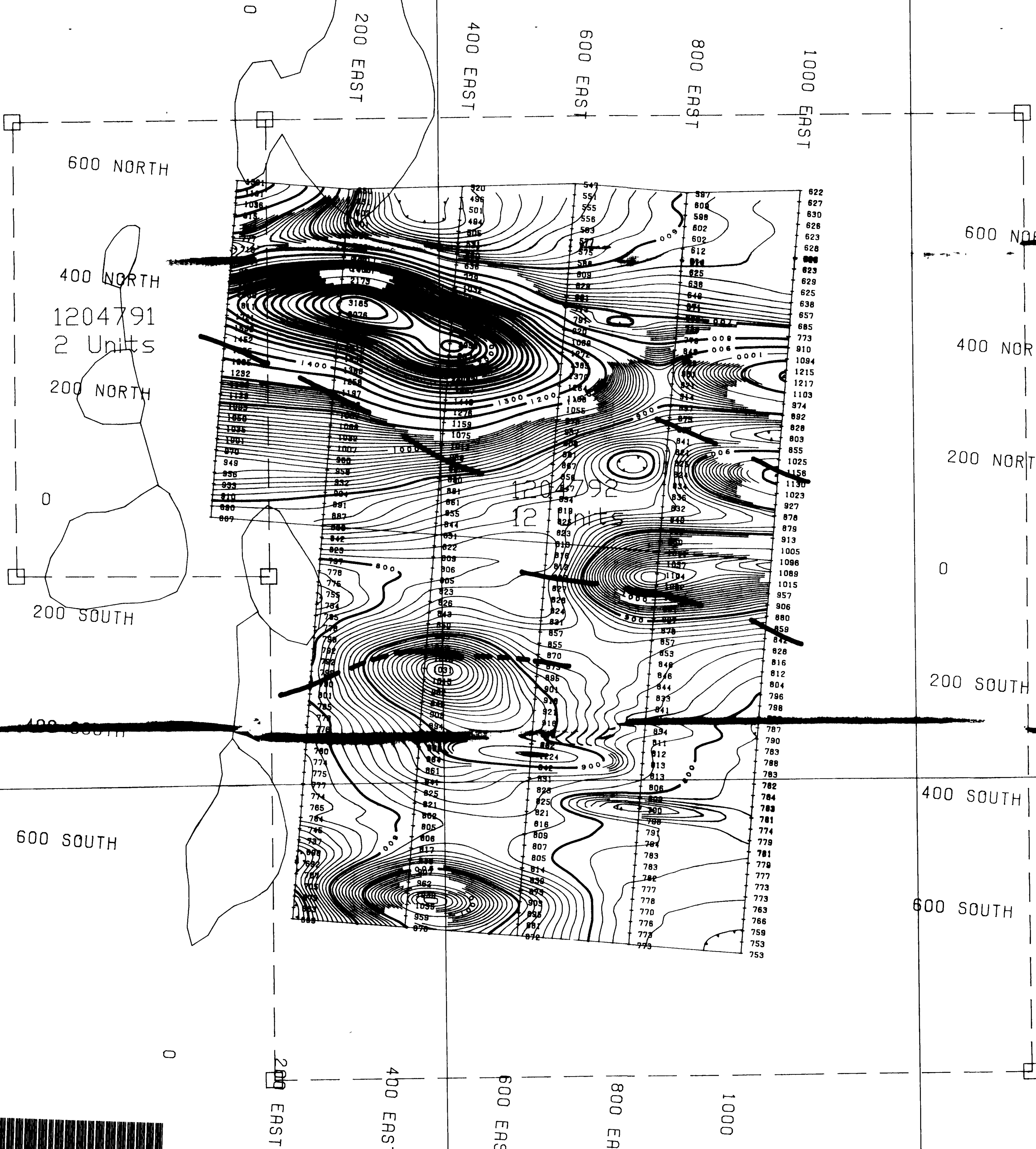


TOWNSHIP  
**REAUME**  
M.N.R. ADMINISTRATIVE DISTRICT  
COCHRANE  
MINING DIVISION **2. 16138**  
PORCUPINE  
LAND TITLES / REGISTRY DIVISION  
COCHRANE

Ministry of Natural Resources Ontario  
Ministry of Northern Development and Mines

Date OCT 1975  
Number **G-3560**





**LEGEND**  
 Instrument: EDA OMNI-IV  
 Parameters Measured: Earth's total magnetic field  
 Accuracy: +/- 1 nano-teslas  
 Diurnals: Corrected by base station recorder  
 Contour Interval: 0,10,20,30,40,50,.....  
 Reference Field: 58,560 gammas  
 Datum Subtracted: 57,500 gammas

600 NORTH  
 400 NORTH  
 1204791  
 2 Units  
 200 NORTH

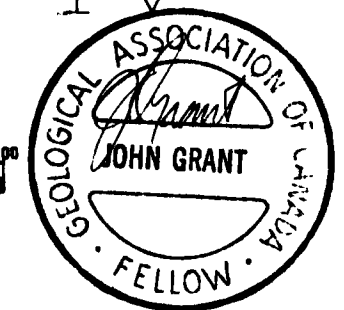
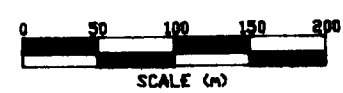
200 SOUTH

600 NORTH  
 400 NORTH  
 200 NORTH  
 0  
 200 SOUTH  
 400 SOUTH  
 600 SOUTH

Con  
 V

Con  
 IV

**2.16138**



210

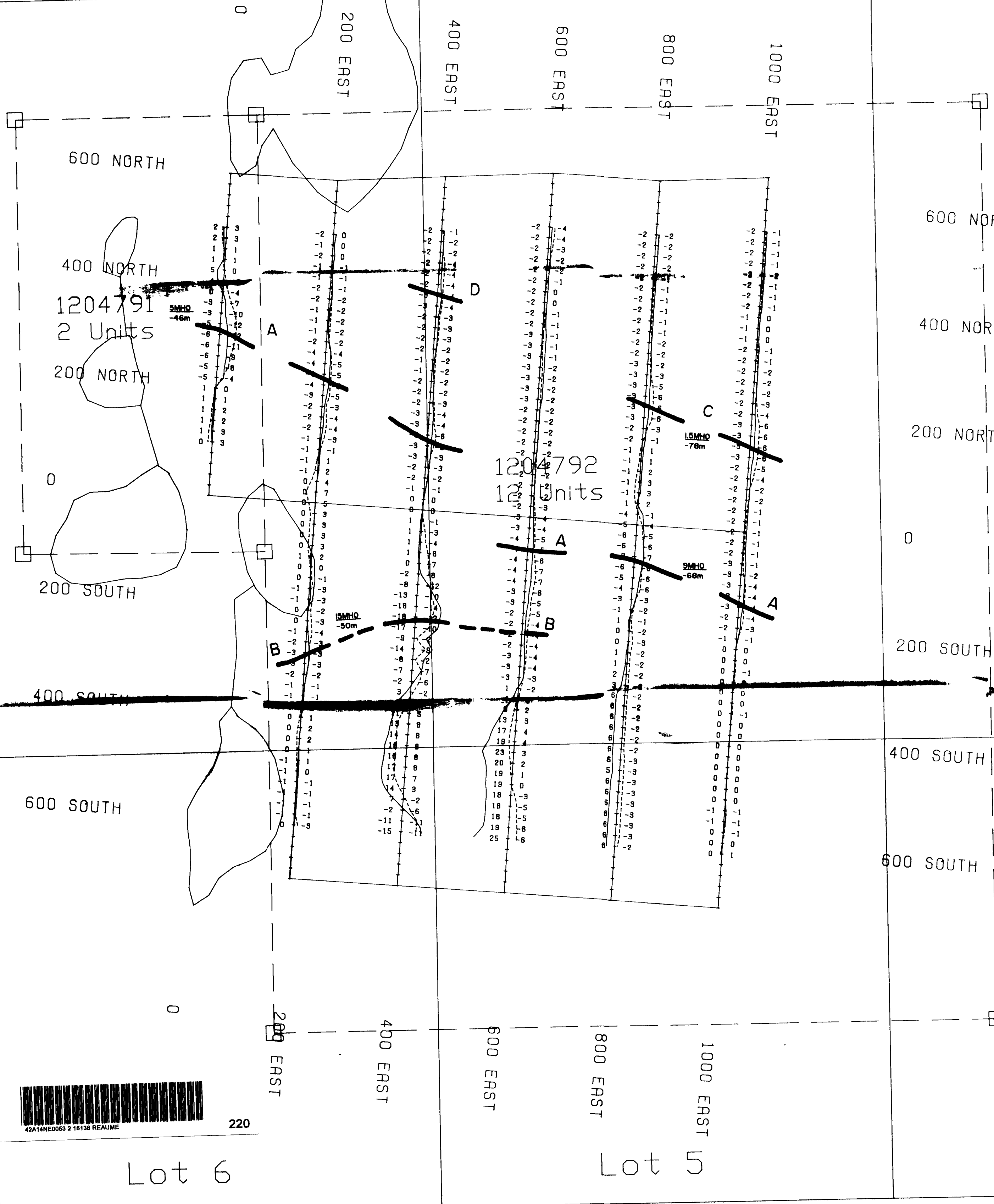
Lot 6

Lot 5

**EXSICS EXPLORATION LTD.**  
 P.O. Box 1880, P4N-7X1  
 Suite 13, Hollinger Bldg, Timmins Ont.  
 Telephone: 705-267-4151

CLIENT: **FALCONBRIDGE LIMITED**  
 PROPERTY: **REAUME & HANNA TWPS**  
 TITLE: **GRID # 1 PN#8246**  
**MAGNETOMETER SURVEY**

Date: Mar. 1995 Scale: 1:5000 NTS:  
 Drawn: P.Gauthier Interp: J.C.Grant Job No.: E-96

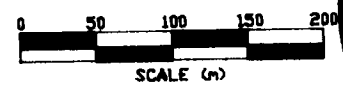


**LEGEND**  
 Instrument: Apex Parametrics Max-Min 11  
 Mode: Maximum Coupled, Horizontal Loop Survey  
 Parameters Measured: Inphase (%)  
 Out of phase (%)  
 Frequency: 444 Hz  
 Coil Separation: 200m  
 Operator: R. & R. Mathieu  
 Profile Scale: 1cm=+/-20%


Con  
V

2.16138

Con  
IX



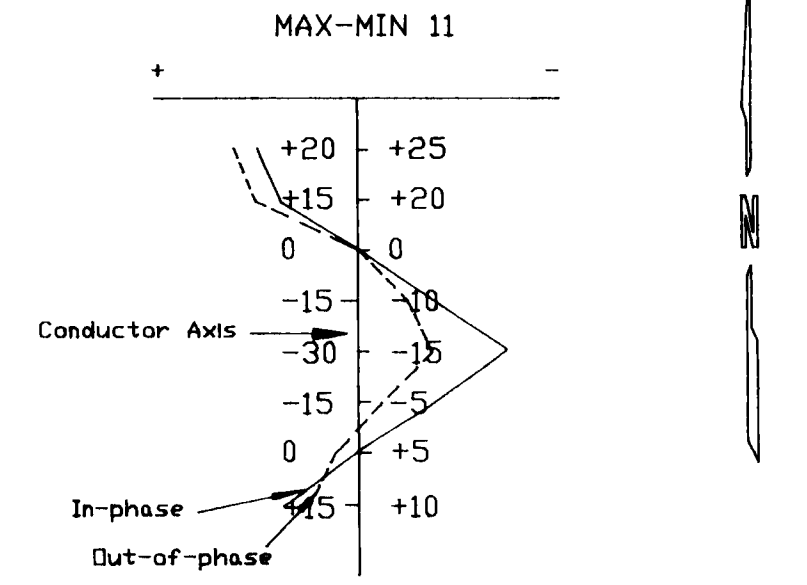
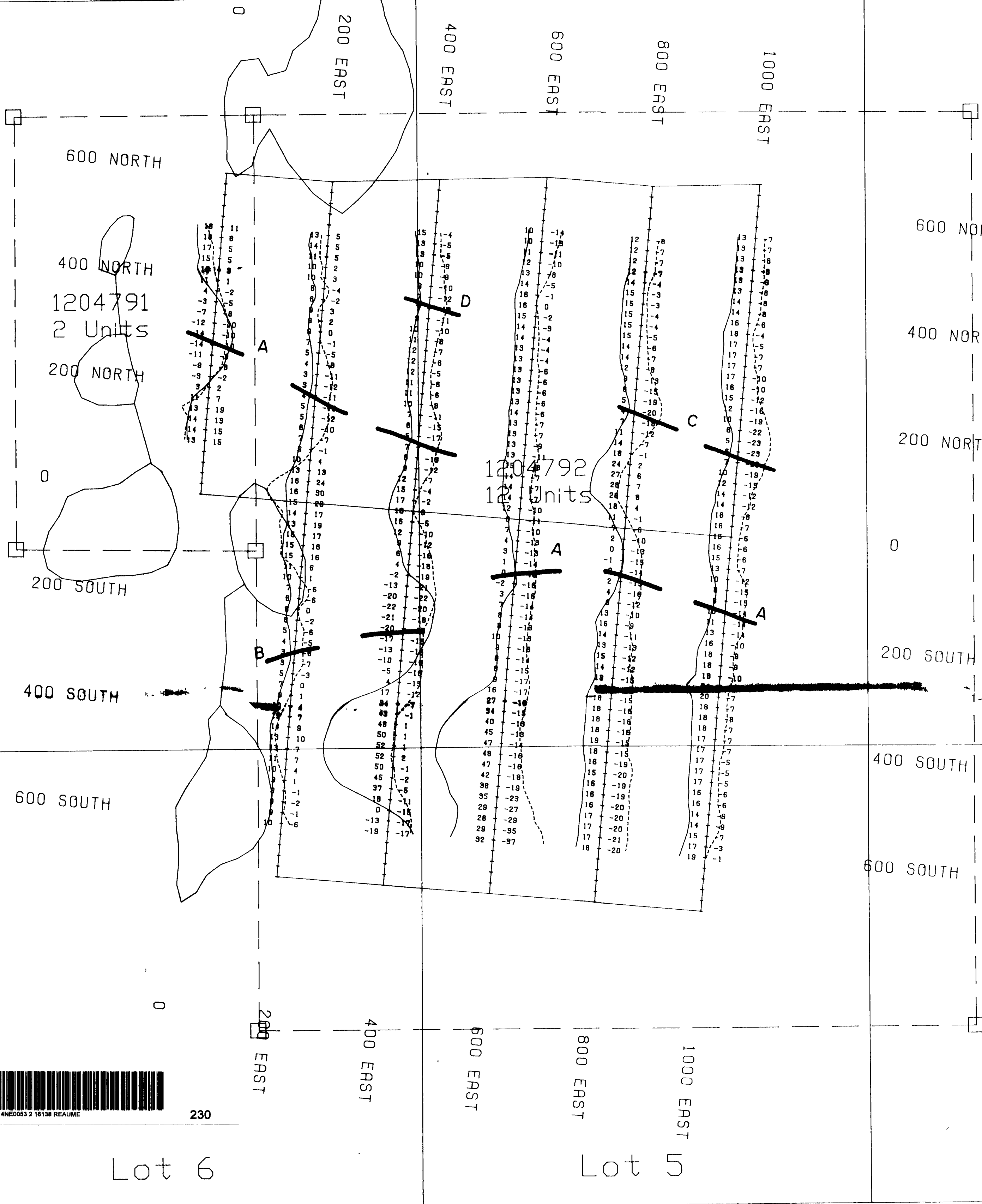
220

 <b>EXSICS EXPLORATION LTD.</b> P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151		
CLIENT:	FALCONBRIDGE LIMITED	
PROPERTY:	REAUME & HANNA TWPS	
TITLE:	GRID # 1	PN#8246
	MAX-MIN 11	444 Hz
Date:	Mar. 1995	Scale: 1:5000
Drawn:	P.Gauthier	Interp: J.C.Grant
		NTS: Job No.: E-96

Lot 6

Lot 5

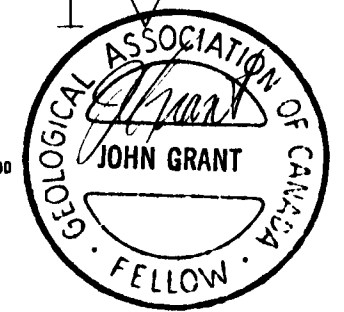
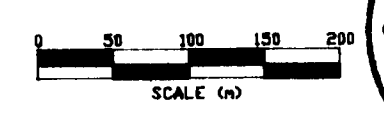




**LEGEND**  
 Instrument: Apex Parametrics Max-Min 11  
 Mode: Maximum Coupled, Horizontal Loop Survey  
 Parameters Measured: Inphase (%)  
 Out of phase (%)  
 Frequency: 1777 Hz  
 Coil Separation: 200m  
 Operator: R. & R. Mathieu  
 Profile Scale: 1cm=+/-20%

Con  
V


2.16138 Con  
IV



230

Lot 6

Lot 5

 <b>EXSICS EXPLORATION LTD.</b> P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont Telephone: 705-267-4151		
CLIENT: FALCONBRIDGE LIMITED		
PROPERTY: REAUME & HANNA TWPS		
TITLE: GRID # 1	PN#8246	
<b>MAX-MIN 11 1777 Hz</b>		
Date: Mar. 1995	Scale: 1:5000	NTS:
Drawn: P.Gauthier Interp: J.C.Grant Job No.: E-96		