



42A15SW0044 2.16291 AURORA

010

GEOPHYSICAL REPORT
FOR
FALCONBRIDGE LIMITED
ON
MANN BELT PROJECT, AUR 95-02
LARDER LAKE MINING DIVISION
NORTHEASTERN, ONTARIO

2.16291

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MINING LANDS BRANCH

PREPARED BY: J. C. Grant, CET FGAC
September 1995





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INTRODUCTION

A detailed linecutting and geophysical program was completed by Exsics Exploration Limited for Falconbridge Limited on a group of claims, Aur 95-02, located in Aurora Township of the Porcupine Mining Division of Northeastern Ontario, Figure 1.

The purpose of this program was to locate and outline several airborne targets which may represent areas of potential base metal deposition. The linecutting portion of the program was completed between August 30 and September 6, 1995 with the follow up geophysical program being completed between September 7 and 12, 1995.

This report will deal with the results of this ground program.

LOCATION AND ACCESS

The Aur 95-02 grid is located in the southwest section of Aurora Township of the Porcupine Mining Division. More specifically it is situated 400 meters northwest of Nelly Lake such that the west boundary of the grid parallels Highway 11 North and a portion of the grid cross the township line of Aurora and Newmarket. The entire block is situated approximately 9.0 kilometers north-northwest of the Town of Iroquois Falls. Figures 1 and 2.

Access to the property during the survey period was ideal. Highway 11 north runs along the west boundary of the group to be surveyed which allows good access to the entire grid. Figure 2.

CLAIM GROUP

The claim numbers which make up the Aur 95-02 grid are as follows:

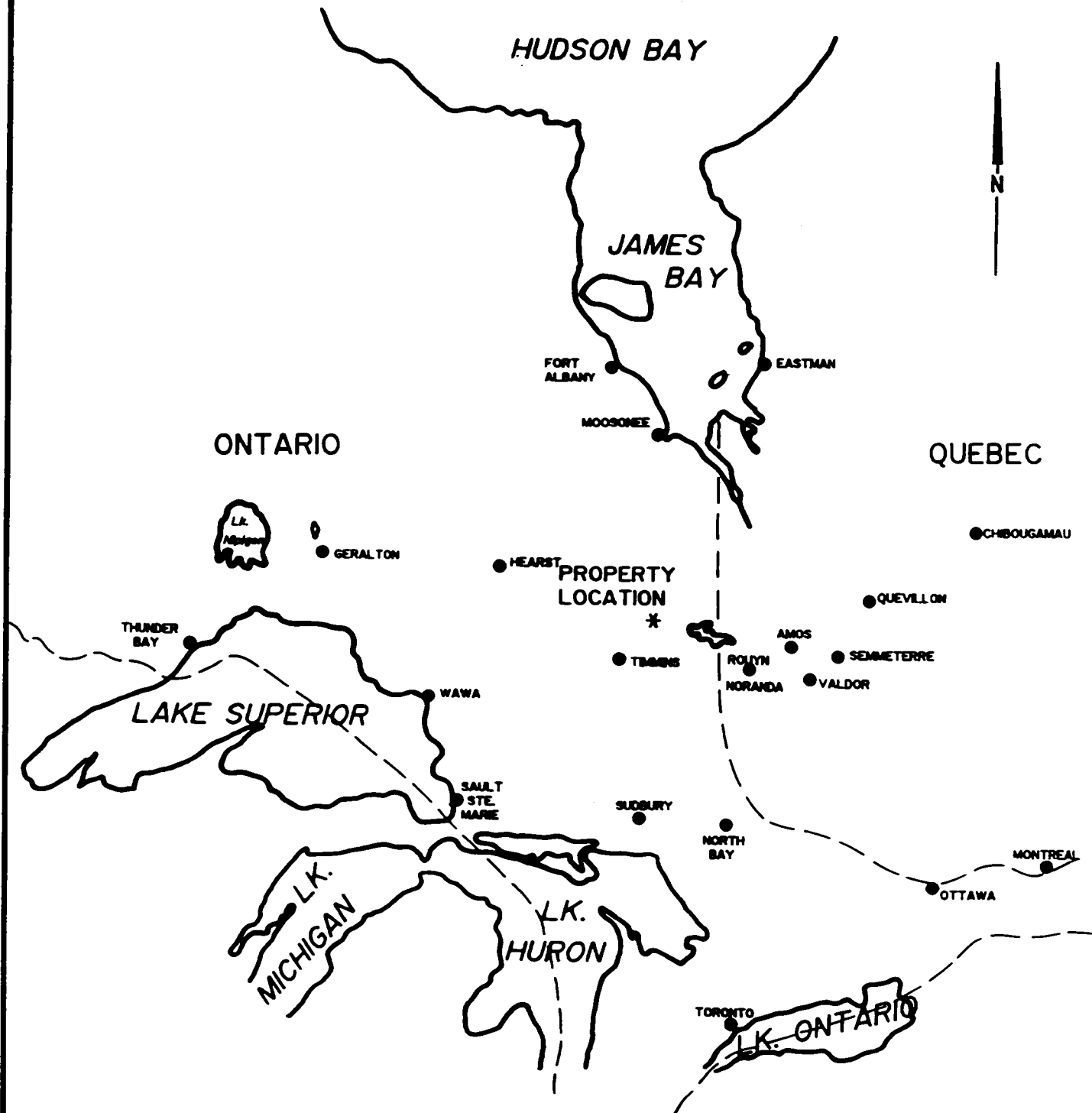
P-1200960	16 units
P-1200983	8 units


Refer to figure 3, copied from MNDM Plan map of Aurora Township and the MNDM plan map of Newmarket Township.

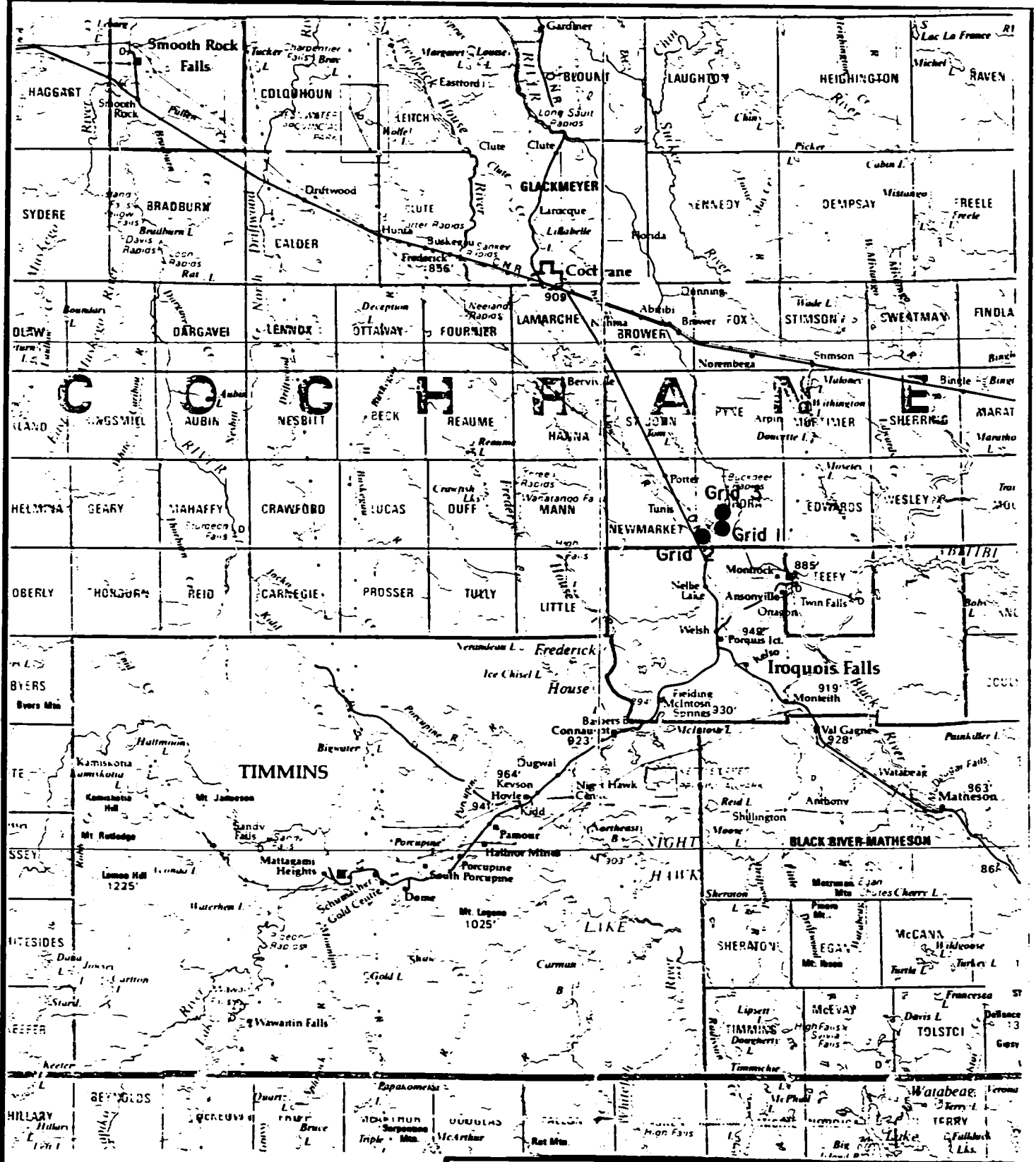
PERSONNEL

The crew directly responsible for collecting the field data were as follows:

B. Pigeon.....	South Porcupine
S. Olink.....	Timmins, Ontario
T. Mathieu.....	Timmins, Ontario
R. Mathieu.....	Timmins, Ontario
R. Mathieu.....	Timmins, Ontario

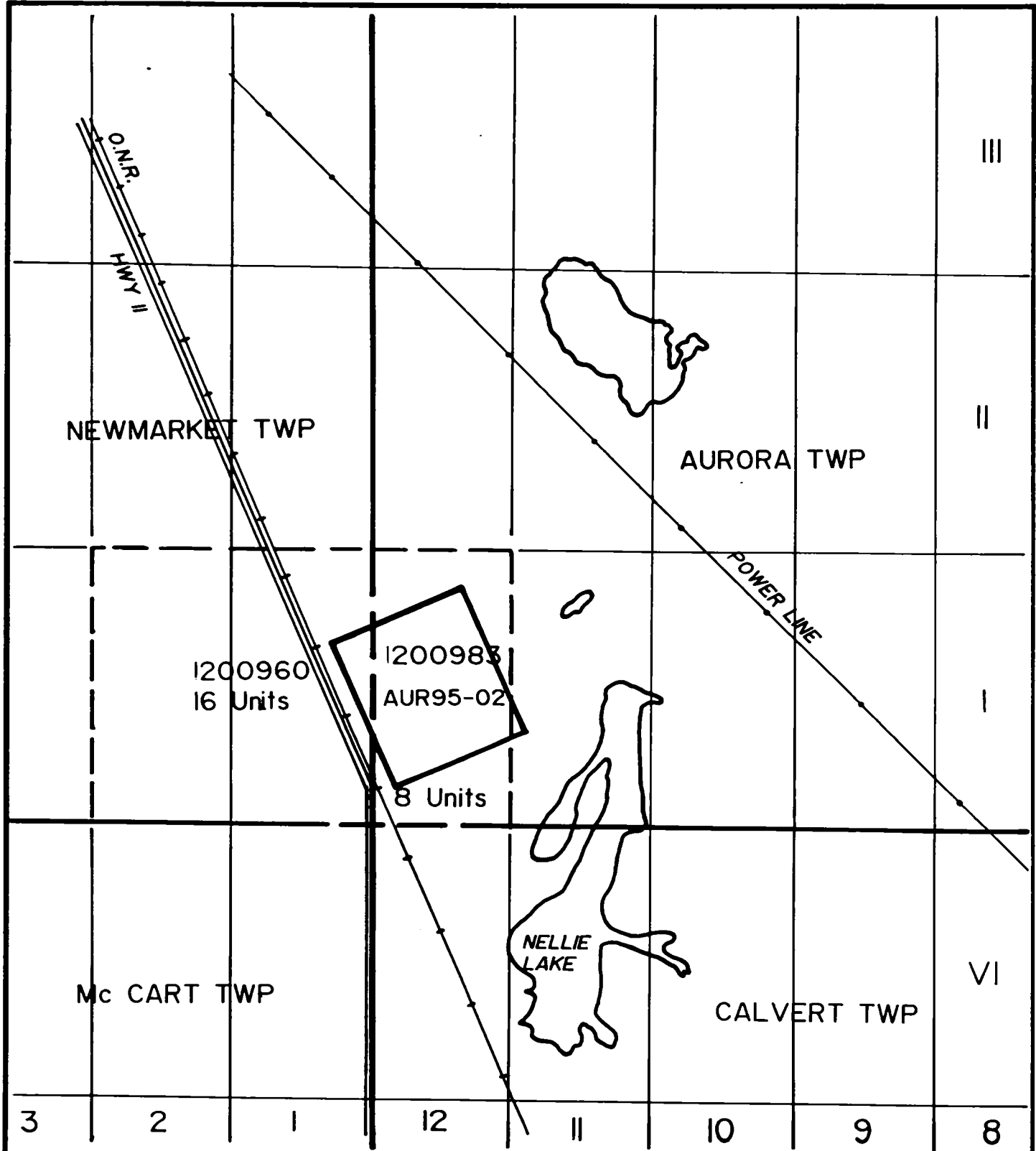


		
EXSICS EXPLORATION LTD. P.O. Box 1000, P4M-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151		
CLIENT: FALCONBRIDGE LIMITED		
PROPERTY: MANN BELT PN 8269		
TITLE: AURORA TOWNSHIP LOCATION MAP		
Fig. 1		
Date: Aug. 1995	Scale: 1"=25miles	MNDM Plan#:
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-125



EXSICS EXPLORATION LTD.
 P.O. Box 1000, P4N-7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4511

CLIENT: FALCONBRIDGE LIMITED		
PROPERTY: MANN BELT PN 8269		
TITLE: AURORA TOWNSHIP		
PROPERTY LOCATION		
Fig. 2		
Date: Aug. 1995	Scale: 1:600,000	MNDM Plan#: 22-6
Drawn:	Interp: J.C. Grant	Job No. E-125




 EXSICS EXPLORATION LTD. P.O. Box 1000, P4N-7X1 Suite 13, Hollinger Bldg. Timmins Ont. Telephone: 705-267-4151		
CLIENT: FALCONBRIDGE LIMITED		
PROPERTY: MANN BELT PN 8269		
TITLE: AURORA TOWNSHIP		
CLAIM SKETCH GRID 2		
Date: Aug. 1995	Scale: 1"=1mile	MNDM Plan#: M-408
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-125

Fig. 3

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

GROUND PROGRAM

This project consisted of a two phase program. The first phase was to establish a detailed metric grid across a portion of the claim group. This consisted of 100 meter lines chained with 20 meter pickets which were marked with metal tags. The lines were turned off of an east-west baseline and cut north and south. In all a total of 11.3 kilometers were established on the property.

The second phase of the program was to complete an HLEM and Total field magnetic survey over the cut grid. The magnetic survey was completed over all of the cut lines whereas the HLEM survey was completed over the cross lines only. The magnetic survey was completed using the BGRM OMNI IV system and the HLEM survey was completed using the Apex, MaxMin II system. Specifications for the units can be found as Appendix A and B of this report.

The following parameters were kept constant throughout each survey.

MAGNETIC SURVEY

Linespacing.....	100 meters
Station spacing.....	20 meters
Diurnal Correction.....	Base station recorder
Base record interval.....	30 seconds
Reference field.....	58900 gammas
Datum Subtraction.....	57500 gammas
Unit accuracy.....	+/- 0.5 gammas

The corrected and levelled data was then plotted directly onto a mylar base map and then contoured at 10 gamma interval where possible. A copy of this contoured map is included in the back pocket of this report.

HLEM SURVEY

Linespacing.....	100 meters
Station spacing.....	20 meters
Coil seperation.....	150 meters
Theoretical search depth.....	75-80 meters
Frequencies read.....	1777 and 444 Hz
Parameters measured.....	Inphase and Quadrature components of the secondary field
Unit accuracy.....	+/- 0.5 %

The collected data was then plotted directly onto a mylar base map at a scale of 1:5000 and then profiled at 1cm to 20%. A separate base map was done for each frequency. Any and all conductor axis were placed on the base map and interpreted directly. A copy of each of these base maps is included in the back pocket of this report.

SURVEY RESULTS

The HLEM survey was successful in locating and outlining two parallel conductive zones across the central and southern section of the grid.

The first zone, labelled "A", strikes east-west across lines 100ME to 900ME and continues off of the grid in both directions. The zone represents a good strong conductor situated at a depth of 60 to 80 meters with a conductivity range of 10 to 32 mhos. The western extension of the conductor appears to lie along the north flank of a moderate mag low structure and as the zone continues eastward it seems to have been crosscut by a north-south structure paralleling line 600ME. The remainder of the zone lies along the north flank of what appears to be an ultramafic unit. The southern and southeastern section of the grid appears to be underlain by ultramafics.

The second zone, labelled "B", again strikes east-west across lines 300ME and 500ME but does not seem to be as strong as zone A. The zone relates to a weak bedrock conductor situated at a depth of 70-75 meters with moderate conductivity of 6 mhos. The entire zone is underlain by the ultramafics.

CONCLUSIONS AND RECOMMENDATIONS

The HLEM survey was successful in location and outlining two conductive zones on the grid. Certainly, zone A represents the best and most consistent conductor. It relates to a good bedrock zone situated at the outer limits of the survey's penetration capabilities. The magnetics suggest that the zone may relate to a contact or minor shear structure situated on the north flank of a possible ultramafic unit. A follow-up program of diamond drilling should explain the target.

Conductive zone B also appears to relate to a bedrock zone albeit somewhat weaker than zone A. The zone is situated in the ultramafics and should be tested by drilling. A deep EM survey may enhance the zone as well as better define it's strike length.

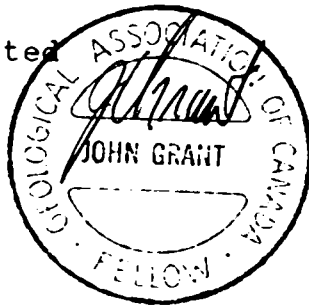
The drilling of zone B should also be based on the drill results of zone A.

CONDUCTOR CHARACTERISTICS, (444Hz)
TABLE 1

<u>Zone</u>	<u>Line/Station</u>	<u>Depth</u>	<u>Dip</u>	<u>Cond.</u>	<u>Mag Correlation</u>
A	200E/480S	80M	Vert	12 mhos	Moderate low
A	300E/480S	75M	Vert	32 mhos	Moderate low
A	400E/485S	75M	Vert	9 mhos	Moderate high
A	900E/400S	60M	Vert	6 mhos	N flank of high
B	300E/060S	75M	North	6 mhos	direct

Respectfully submitted

J.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, FGAC



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	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 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°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°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
(303) 422 9112

Printed in Canada

APPENDIX B

INDUCED MAXIMUM CERTAIN

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.

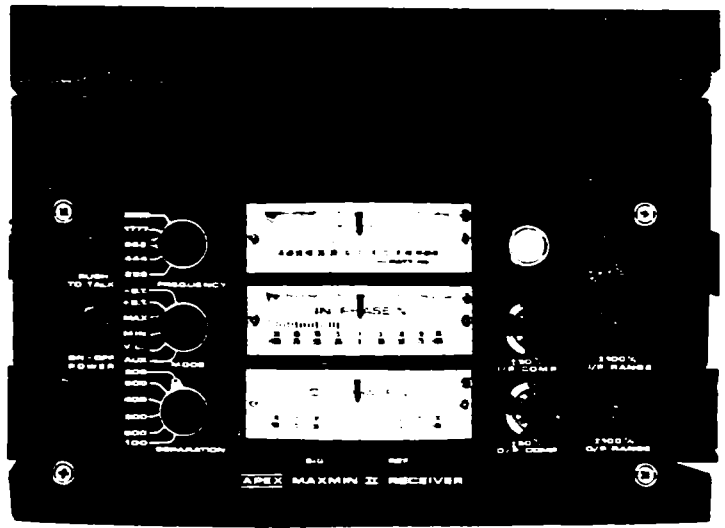
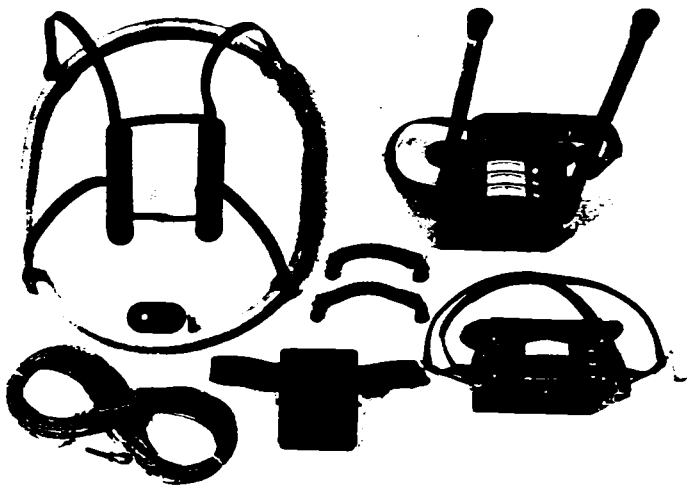
Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.

Reliable data from depths of up to 180m (600 ft).

Built-in voice communication circuitry with cable.

Tilt meters to control coil orientation.





222, 444, 888, 1777 and 3555 Hz.

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

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

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.
- Automatic, direct readout on 90 mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90 mm edgewise meters in V.L. mode.

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.

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

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

- 222 Hz : 220 Atm²
- 444 Hz : 200 Atm²
- 888 Hz : 120 Atm²
- 1777 Hz : 60 Atm²
- 3555 Hz : 30 Atm²

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

12V 6 Ah Gel-type rechargeable battery. (Charger supplied).

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

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

Built-in signal and reference warning lights to indicate erroneous readings.

-40°C to +60°C (-40°F to +140°F).

6 kg (13 lbs.)

13 kg (29 lbs.)

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

Specifications subject to change without notification

APEX

PARAPARAMETERS
200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR



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GEOPHYSICAL REPORT
FOR
FALCONBRIDGE LIMITED
ON
MANN BELT PROJECT, AUR 95-03
LARDER LAKE MINING DIVISION
NORTHEASTERN, ONTARIO

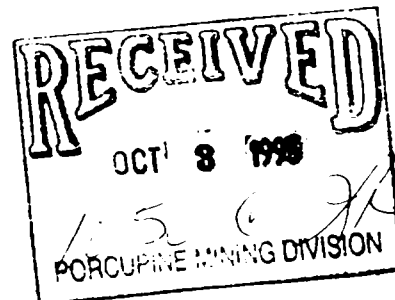
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PREPARED BY: J. C. Grant, CET FGAC
September 1995





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2- PROPERTY LOCATION MAP	
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- 444 HZ FREQUENCY MAX MIN II SURVEY	
-1777 HZ FREQUENCY MAX MIN II SURVEY	

INTRODUCTION

A detailed linecutting and geophysical program was completed by Exsics Exploration Limited for Falconbridge Limited on a group of claims, Aur 95-03, located in Aurora Township of the Porcupine Mining Division of Northeastern Ontario, Figure 1.

The purpose of this program was to locate and outline several airborne targets which may represent areas of potential base metal deposition. The linecutting portion of the program was completed between August 28 and September 12, 95. The follow up geophysical program being completed between September 7 and 12, 1995.

This report will deal with the results of this ground program.

LOCATION AND ACCESS

The Aur 95-03 grid is located in the southwest section of Aurora Township of the Porcupine Mining Division. More specifically it is situated 600 meters east of a small Lake and 1400 meters west of the Abitibi River. The entire block is situated in lots 9 and 10, concession II and III of the Township and is approximately 12 kilometers north-northwest of the Town of Iroquois Falls. Figures 1 and 2.

Access to the property during the survey period was ideal. Highway 11 north runs just to the west of Nelly Lake and there is a good gravel road which travels northeast to the lake and then along the west shore to the north tip. An ATV trail continues north and northeast from the Lake and comes in to the south boundary of the grid.

CLAIM GROUP

The claim numbers which make up the Aur 95-03 grid are as follows:

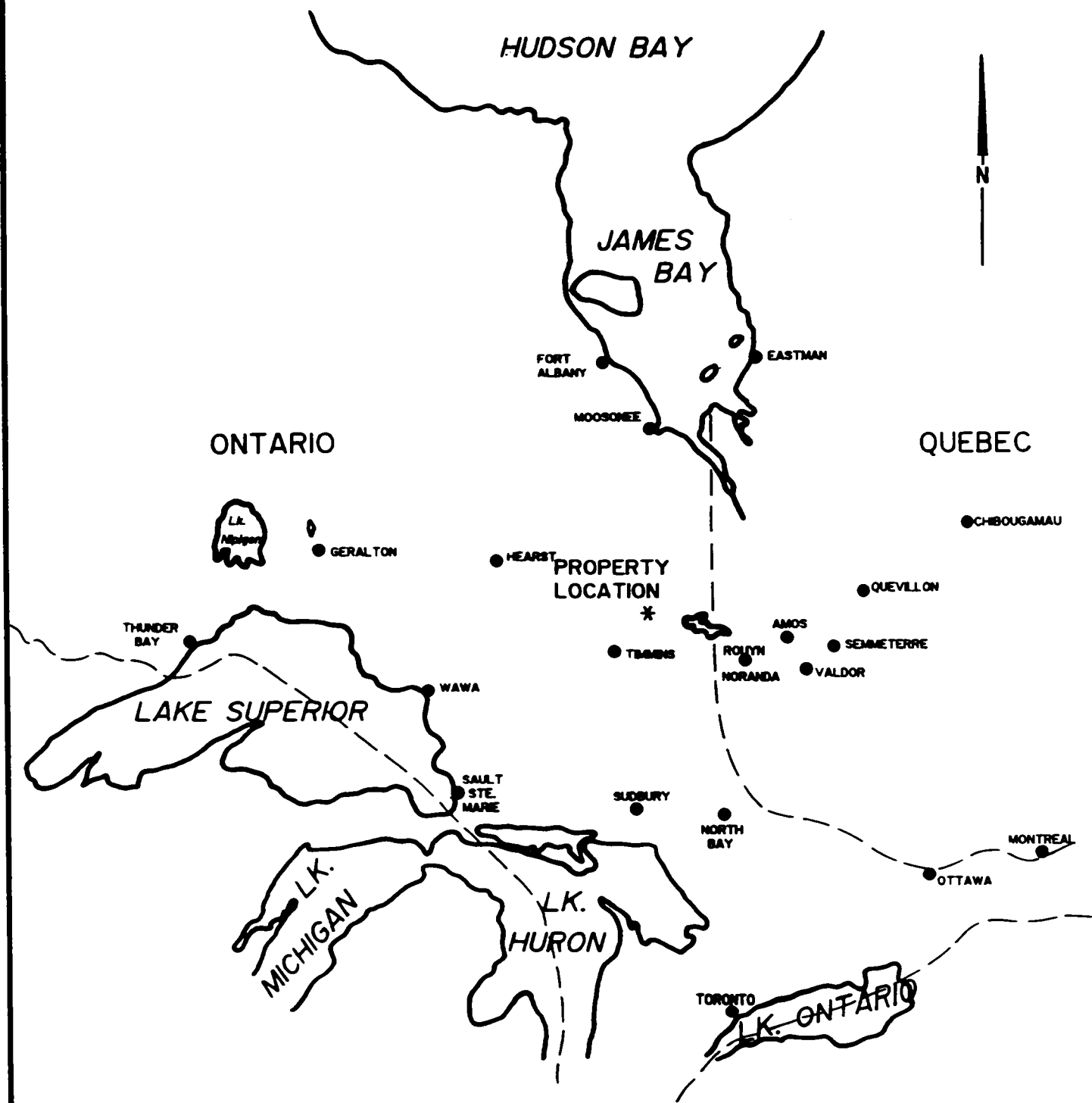
P-1201911	6 units
P-1200978	6 units


Refer to figure 3, copied from MNM Plan map of Aurora Township.

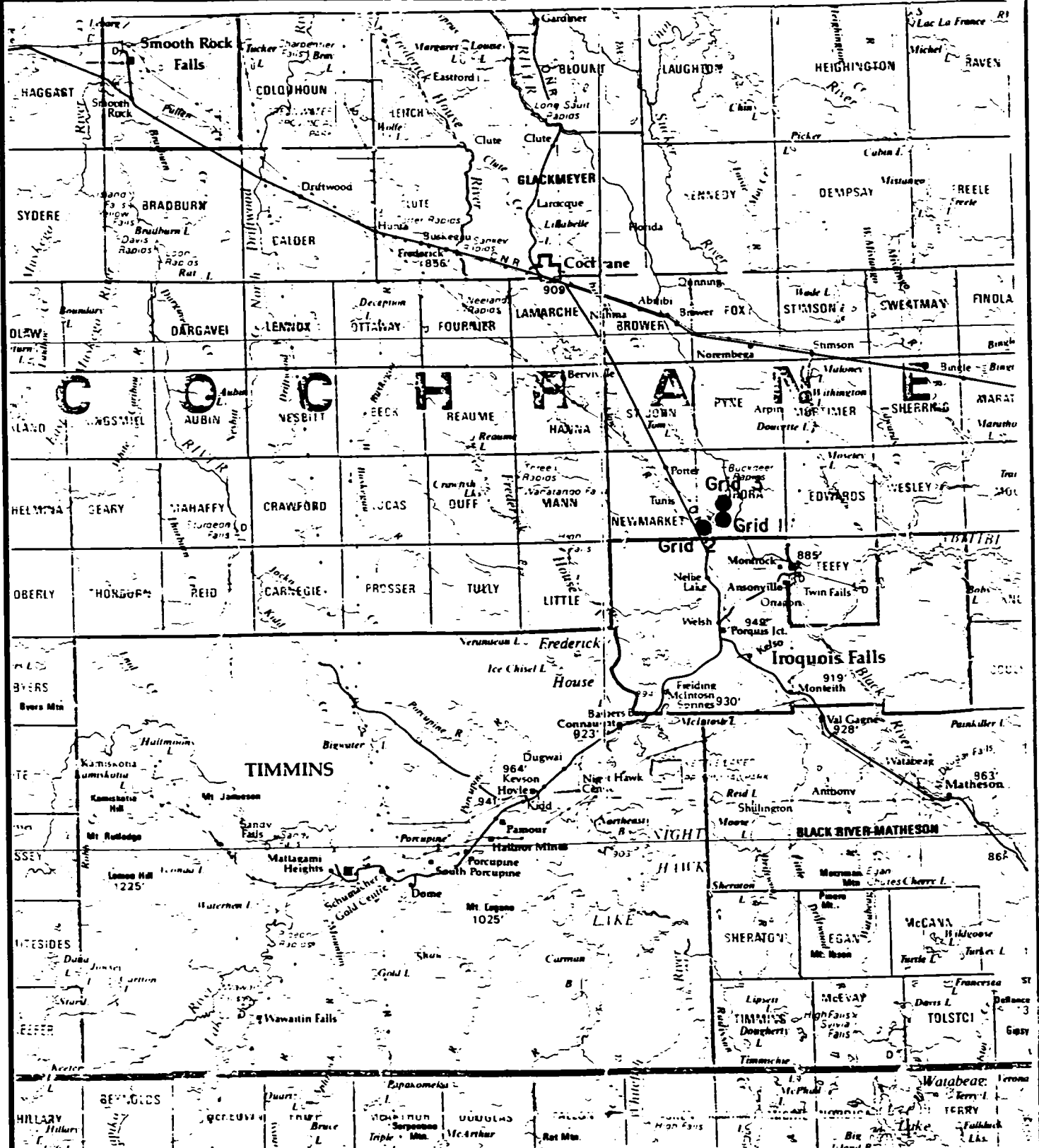
PERSONNEL

The crew directly responsible for collecting the field data were as follows:

B. Pigeon.....	South Porcupine
S. Olink.....	Timmins, Ontario
T. Mathieu.....	Timmins, Ontario
R. Mathieu.....	Timmins, Ontario



	EXSICS EXPLORATION LTD. P.O. Box 1000, P4N-7X1 Suite 13, Hallinger Bldg, Timmins Ont. Telephone: 705-267-4151	
	CLIENT: FALCONBRIDGE LIMITED	
PROPERTY: MANN BELT PN 8269		
TITLE: AURORA TOWNSHIP LOCATION MAP		
Fig. 1		
Date: Aug. 1995	Scale: 1"=125miles	MNDM Plan#:
Drawn: P. Gauthier	Interp: J.C. Grant	Job No E-125



EXSICS EXPLORATION LTD.
 P.O. Box 1888, P4N-7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4151

CLIENT: FALCONBRIDGE LIMITED

PROPERTY: MANN BELT PN 8269

TITLE: AURORA TOWNSHIP

PROPERTY LOCATION

Fig. 2

Date: Aug. 1995

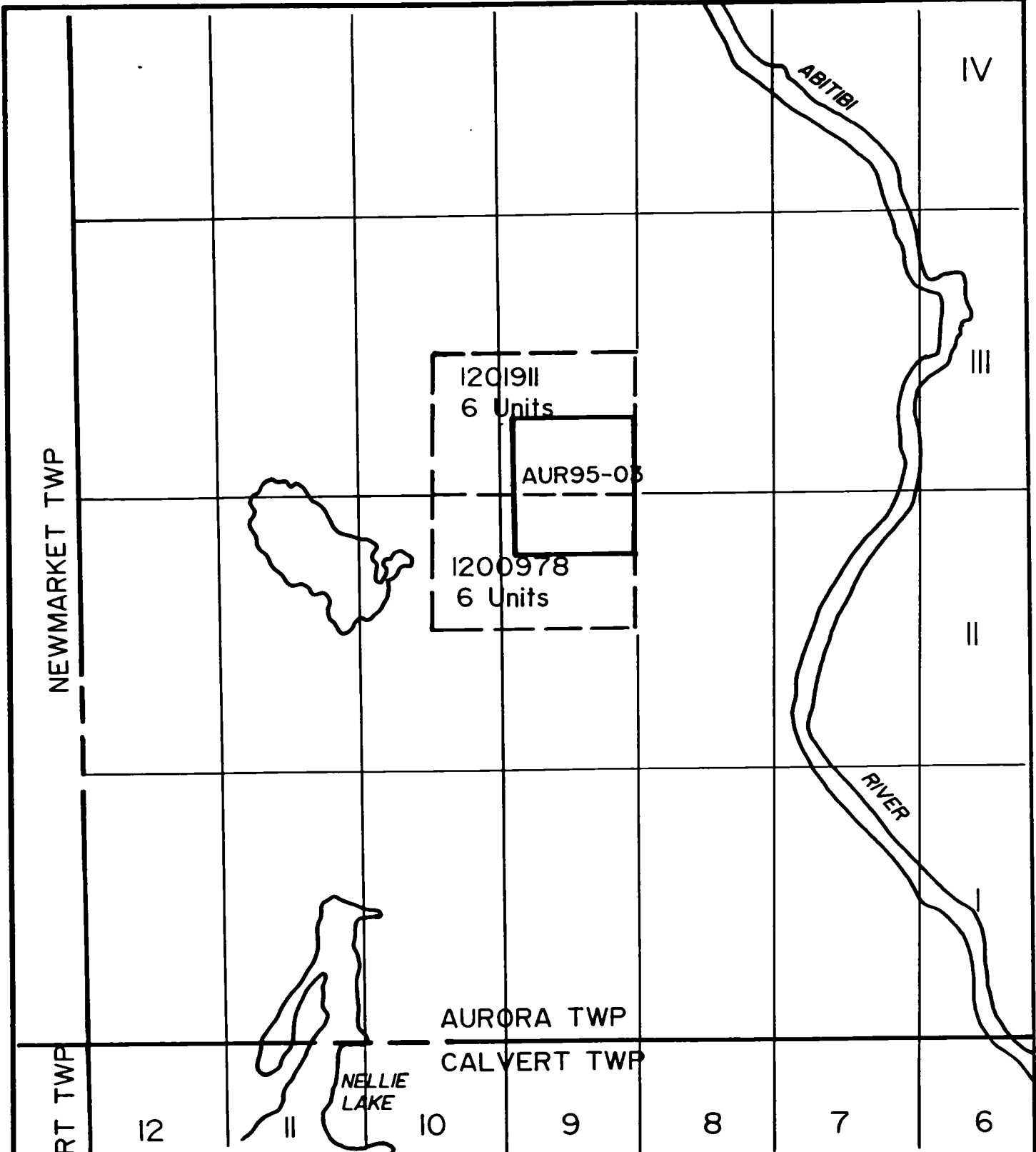
Scale: 1:600,000


MNDM Plan#: 22-6

Drawn:

Interp: J.C. Grant

Job No. E-125



		
EXSICS EXPLORATION LTD. P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151		
CLIENT: FALCONBRIDGE LIMITED		
PROPERTY: MANN BELT PN 8269		
TITLE: AURORA TOWNSHIP		
CLAIM SKETCH GRID 3 Fig. 3		
Date: Aug. 1995	Scale: 1"=1mile	MNDM Plan#: M-408
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-125

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

GROUND PROGRAM

This project consisted of a two phase program. The first phase was to establish a detailed metric grid across a portion of the claim group. This consisted of 100 meter lines chained with 20 meter pickets which were marked with metal tags. The lines were turned off of an east-west baseline and cut 800 meters south. In all a total of 7.8 kilometers were established on the property.

The second phase of the program was to complete an HLEM and Total field magnetic survey over the cut grid. The magnetic survey was completed over all of the cut lines whereas the HLEM survey was completed over the cross lines only. The magnetic survey was completed using the BGRM OMNI IV system and the HLEM survey was completed using the Apex, MaxMin II system. Specifications for the units can be found as Appendix A and B of this report.

The following parameters were kept constant throughout each survey.

MAGNETIC SURVEY

Linespacing.....	100 meters
Station spacing.....	20 meters
Diurnal Correction.....	Base station recorder
Base record interval.....	30 seconds
Reference field.....	58900 gammas
Datum Subtraction.....	57500 gammas
Unit accuracy.....	+/- 0.5 gammas

The corrected and levelled data was then plotted directly onto a mylar base map and then contoured at 10 gamma interval where possible. A copy of this contoured map is included in the back pocket of this report.

HLEM SURVEY

Linespacing.....	100 meters
Station spacing.....	20 meters
Coil seperation.....	150 meters
Theoretical search depth.....	75-80 meters
Frequencies read.....	1777 and 444 Hz
Parameters measured.....	Inphase and Quadrature components of the secondary field
Unit accuracy.....	+/- 0.5 %

The collected data was then plotted directly onto a mylar base map at a scale of 1:5000 and then profiled at 1cm to 20%. A separate base map was done for each frequency. Any and all conductor axis were placed on the base map and interpreted directly. A copy of each of these base maps is included in the back pocket of this report.

SURVEY RESULTS

The HLEM survey was successful in locating and outlining one conductive zone across the central portion of the grid. The zone, labelled "A", strikes east-west across lines 800MW to 100MW, however, the strongest portion of the zone is centered between 600MW and 300MW. The zone appears to relate to a moderate bedrock conductor situated at a depth of 38 to 65 meters with moderate conductivity of 3.5 to 9 mhos. The zone appears to lie within and along the south flank of a moderate low structure.

The magnetics also reveal the existence of a cross structure striking into the grid from the south and paralleling line 800MW to 500MS where it cuts across the north end of line 700MW. This probably relates to a diabase dike.

CONCLUSIONS AND RECOMMENDATIONS

The survey was successful in locating and outlining one conductive zone which appears to represent legitimate bedrock conductor. A follow up program of diamond drilling should explain it's source.

CONDUCTOR CHARACTERISTICS (444Hz)
TABLE 1

<u>Zone</u>	<u>Line/Station</u>	<u>Depth</u>	<u>Dip</u>	<u>Cond.</u>	<u>Mag correlation</u>
A	500W/420S	38M	North	3.5 mhos	south flank low
A	400W/450S	55M	Vert.	7.0 mhos	south flank low
a	300W/440S	65M	Vert.	9.0 mhos	north flank high

Respectfully submitted



J.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.

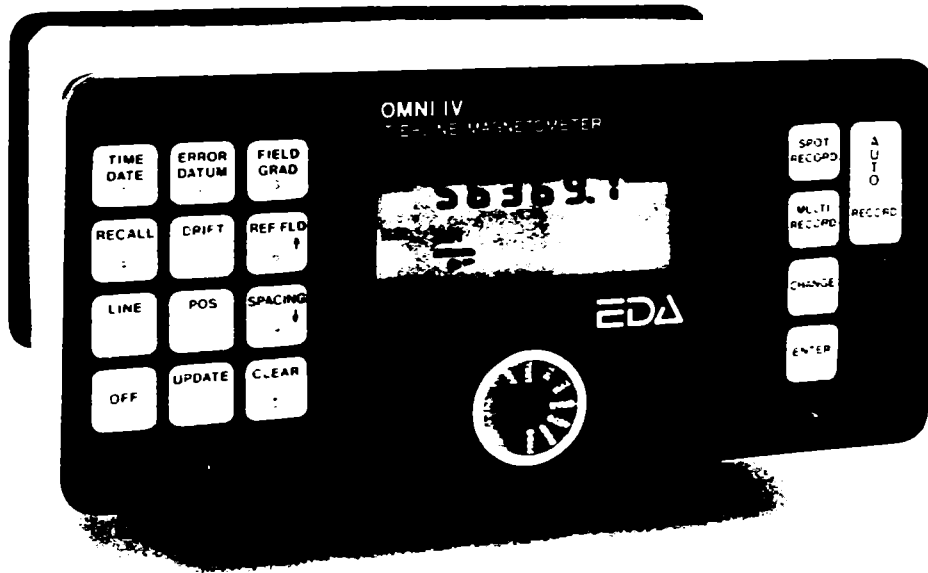
5) I have no specific or special interest in the described property. I have been retained as a Consulting Geophysicist. for property appraisal.

John Charles Grant, CET, FGA



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	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 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°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°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

EDA 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.
EDA Instruments Inc.
5151 Ward Road
Wheat Ridge Colorado
U.S.A. 80033
(303) 422 9112

Printed in Canada

APPENDIX B

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.

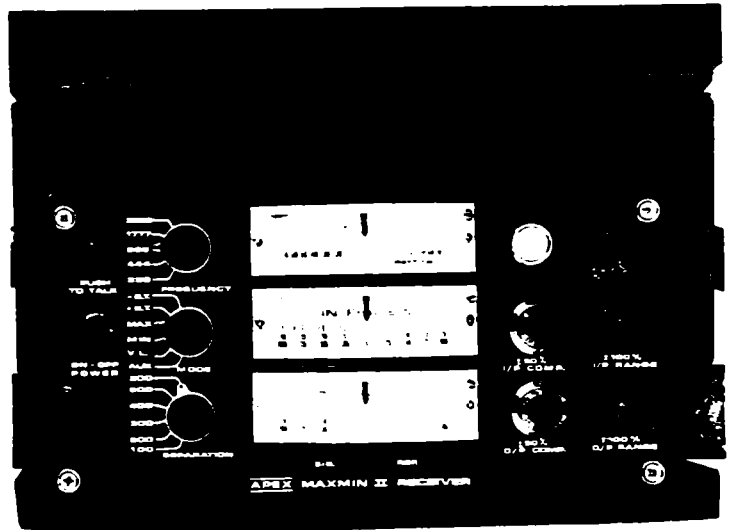
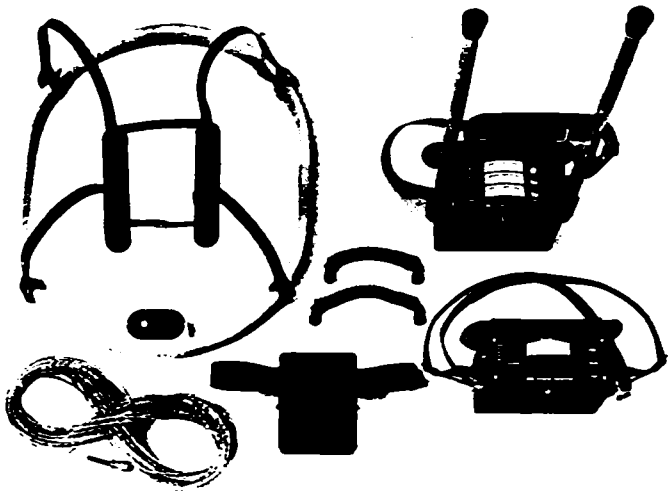
Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.

Reliable data from depths of up to 180m (600 ft).

Built-in voice communication circuitry with cable.

Tilt meters to control coil orientation.





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.

25, 50, 100, 150, 200 & 250m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIIF).

Coil separations in V.L. mode not restricted to fixed values.

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

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.

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

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

- 222Hz : 220 Atm²
- 444Hz : 200 Atm²
- 888Hz : 120 Atm²
- 1777Hz : 60 Atm²
- 3555Hz : 30 Atm²

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

12V 6Ah Gel-type rechargeable battery. (Charger supplied).

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

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

Built-in signal and reference warning lights to indicate erroneous readings.

-40°C to +60°C (-40°F to +140°F).

6kg (13 lbs.)

13kg (29 lbs.)

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.

200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612

Cables: AEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9560.00399

See 19.2

Personal information collected on this form is obtained under the authority of this collection should be directed to the Provincial Manager, Mining Lands: Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



- 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 for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

900
2.16291

Recorded Holder(s) FALCONBRIDGE LIMITED		Client No. 130679
Address 571 Moneta Ave. P.O. Box 1140 Timmins, Ont. P4N7H9		Telephone No. (705) 267-1188
Mining Division PORCUPINE	Township/Area AURORA	M or G Plan No.
Dates Work Performed From: August 28, 1995		To: September 12, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Line cutting, Magnetic + HLEM Surveys (7.8 km)
Physical Work, Including Drilling	Taking Air Photos + Spotting Grids
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

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DEC - 8 1995
MINING LANDS DIVISION

Total Assessment Work Claimed on the Attached Statement of Costs \$ 5615.05 IN 5913

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
Exsics Exploration Ltd.	Box 1880 Timmins, Ont. P4N 7X1
Hillside Photo	66 Brousseau Ave. Timmins, Ont P4N 6Y2
Frank Renaudat Expl. Ltd.	Box 1092 Timmins, Ont P4N 7H9

(Attach a schedule if necessary)

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

At the time the work was performed, the claims covered in this work were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Oct 3 '95	Recorded By <i>Paul Nagerl</i>
--	--------------------------	-----------------------------------

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 NAGERL 571 Moneta Ave. Timmins, Ont.

Telephone No. (705) 267-1188	Date Oct 3 '95	Certified By (Signature) <i>Paul Nagerl</i>
--	--------------------------	--

Recorder Office Use Only

Total Value Cr. Recorded 5913	Date Recorded	Mining Recorder <i>undated</i>
Deemed Approval Date Jan. 1/96	Date Approved <i>[Signature]</i>	
Date Notice for Amendments Sent		

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OCT 8 1995
1056
PORCUPINE MINING DIVISION



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9560.00399

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.

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) FALCONBRIDGE LIMITED		Client No. 130679
Address P.O. Box 1140, 571 Moneta Ave. Timmins Ont. P4N7H9		Telephone No. (705) 267-1188
Mining Division Porcupine	Township/Area AURORA	M or G Plan No.
Dates Work Performed From: Aug. 28, 1995		To: Sept. 12, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	linecutting + surveys (Mag + HLEM) GRID AUR95-03
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	RECEIVED
Assignment from Reserve	DEC - 3 1995
	MINING LANDS

Total Assessment Work Claimed on the Attached Statement of Costs \$ 298 (PART OF 5913 TOTAL)

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
EXSICS	Box 1880 Timmins Ont. P4N 7X1

(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 Nov. 28/95	Recorded Holder or Agent (Signature) <i>Christine Petch</i>
--	---------------------------	--

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 CHRISTINE PETCH P.O. Box 1140 Timmins. Ont. P4N 7H9	
Telephone No. 267-1188	Date Nov. 28, 1995
Certified By (Signature) <i>Christine Petch</i>	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder
	Deemed Approval Date	Date Approved
	Date Notice for Amendments Sent	

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NOV 30 1995

CHAS (C) DL

PORCUPINE MINING DIVISION

AMENDMENT TO W9560.00399
Rec'd 27.3/95

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
2.1629	1201911	6
	1200978	6

Value of Assessment Work Done on this Claim	Value Applied to this Claim
30% 2808.52 PN	2400.00
50% 2807.53	2400.00

1956.00 399

Value Assigned From this Claim	Reserve: Work to be Claimed at a Future Date
DEC - 9 1956 MINING LAND	408.52 PN
	207.53 PN

Total Value Work: 5615.05 PN

Total Value: 4800.00

Total Assessed: 505 PN

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Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

2: If work has been performed on patented or leased land, please complete the following:

Verify that the recorded holder had a beneficial interest in the patented land at the time the work was performed: Signature Date

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
W9560.00399

SEE pg. 2.

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^e 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	1000.00	1000.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Exsics Expl.	4294.00	
	F. Renaudat	85.00	
	Hillside Photo	80.00	4459.00
Supplies Used Fournitures utilisées	Type Flaggng	10.00	
	Hip Chain		
			10.00
Equipment Rental Location de matériel	Type TRUCK	41.90	
	ATV	41.25	
	GAS	62.90	146.05
Total Direct Costs Total des coûts directs			5615.05

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 2-10		
	RECEIPT		
	DEC - 8		
Food and Lodging Nourriture et hébergement	MINING LANDS		
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	Évaluation totale demandée
	x 0.50 =

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OCT 3 1995
10.50
PORCUPINE MINING DIV.

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 PAUL NAGERL 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 _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature: Paul Nagerl Date: Oct 3 '95

Nota: Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

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
W9560.00399

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^e 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		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type		
	FEES	298. ⁰³	
			298
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			298

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		
		2.16291	
Food and Lodging Nourriture hébergement	MINING LANDS		
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)			298

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:

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.

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Valeur totale du crédit d'évaluation	Remise 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 CHRISTINE PEICH 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 _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
<u>C. Peich</u>	Nov. 28/95

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W1956000398

SEE Pg. 2

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.

2.16291

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) FALCONBRIDGE LIMITED		Client No. 130679
Address 571 Moneta Ave. P.O. Box 1140 Timmins, Ont. P4N7H9		Telephone No. (705) 267-1188
Mining Division PORCUPINE	Township/Area AURORA - NEW MARKET	M or G Plan No.
Date Work Performed	From: August 30, 1995	To: September 12, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Line cutting, Magnetic + NLEM Surveys (11.4 km)
Physical Work, Including Drilling	Taking Air Photos + Spotting Grids
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

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DEC - 8 1995

Total Assessment Work Claimed on the Attached Statement of Costs \$ 761,851.00 MINING LANDS DEPARTMENT

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
Exsics Exploration Ltd.	Box 1880 Timmins, Ont. P4N 7X1
Hillside Photo	66 Brousseau Ave, Timmins, Ont. P4N 5Y2
Frank Renaudat Exp. Ltd.	Box 1092 Timmins, Ont. P4N 7H9

(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: **Oct 2, 1995** Holder's Signature: **Paul Nagerl**

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 NAGERL 571 Moneta Ave. Timmins, Ont.**

Telephone No.: **(705) 267-1188** Date: **Oct 3 '95** Certified By (Signature): **Paul Nagerl**

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder
\$ 8051		undated
	Deemed Approval Date	Date Approved
	JAN 01/96	Jan White
	Date Notice for Amendments Sent	

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OCT 8 1995
1650 C/AK
PORCUPINE MINING DIVISION



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9560.00398

19.2

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.

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) FALCONBRIDGE LIMITED		Client No. 130679
Address P.O. Box 1140, 571 Moneta Ave. Timmins Ont. P4N7H9		Telephone No. (705) 267-1188
Mining Division Porcupine	Township/Area AUROBA	M or G Plan No.
Dates Work Performed From: Aug. 30, 1995		To: Sept. 12, 1995

Work Performed (Check One Work Group Only)		Type
<input type="checkbox"/> Geotechnical Survey		
<input checked="" type="checkbox"/> Physical Work, Including Drilling	Linecutting + surveys (Mag. HLEM)	GRID AUR95-02
<input type="checkbox"/> Rehabilitation		
<input type="checkbox"/> Other Authorized Work		
<input type="checkbox"/> Assays		
<input type="checkbox"/> Assignment from Reserve		

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DEC - 8 1995

MINING LANDS
440

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

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
Exsics	Box 1850 Timmins Ont P4N 7X1

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 Nov. 28/95	Recorded Holder or Agent (Signature) Christine Petz
---------------------------	---

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
CHRISTINE PETZ P.O. Box 1140 Timmins Ont. P4N 7H9

Telephone No. 267-1188	Date November 28/1995	Certified By (Signature) Christine Petz
----------------------------------	---------------------------------	---

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder
	Deemed Approval Date	Date Approved
	Date Notice for Amendments Sent	

AMENDMENT TO W9560.00398

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NOV 30 1995

REC'D. OCT. 3/95

CHIC (C) W

PORCUPINE MINING DIVISION

19. 1/2

PORCUPINE MINING DIVISION

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OCT 9 1995

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
1200960	16	
1200983	8	
		2

119560.00348

Value of Assessment Work Done on this Claim	Value Applied to this Claim
16.7% 814.44	814.44
89.3% 6797.14	3200.00
7611.58	
4014.44	

Total Value Work

Total Value

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
3597.14	
3597.14	

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented land. Signature _____ Date _____

19 1/2 2

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
 W 9560.00398

2.16291 SEE 19.2

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^e 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	1000.00	1000.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Exsics Expl.	6290.50	
	F. Renaudat	85.00	
	Hillside Photo	80.00	6455.50
Supplies Used Fournitures utilisées	Type Flaggging	10.00	
	Hip Chain		
			10.00
Equipment Rental Location de matériel	Type TRUCK	41.90	
	ATV	41.25	
	GAS	62.90	146.05
Total Direct Costs Total des coûts directs			7611.55

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	DEC - 81000		
Mobilization and Demobilization Mobilisation et démoblisation	MINING LANDS		
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

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

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. 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.

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Valeur totale du crédit d'évaluation	Evaluation totale demandée
--------------------------------------	----------------------------

RECEIVED
 OCT 8 1995
 10500
 MINING DIVISION

Attestation de l'état des coûts

J'atteste par la présente : que les montants indiqués sont le plus exact possible et que des 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 _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature: Paul Nagerl Date: Oct 3 '95

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Statement of Costs
for Assessment Credit
État des coûts aux fins
du crédit d'évaluation

Transaction No./N° de transaction
W9560.00398

19.2

Mining Act/Loi sur les mines

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^e 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		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type EXSICS	440 ³¹	
			440
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			440

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 démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excedant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			440

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

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. 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

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100% de la valeur totale susmentionnée du crédit d'évaluation.
2. 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	Remise 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 CHRISTINE PEYCH 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 _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature C. Peych Date Nov 28/95

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

December 15, 1995

Our File: 2.16291
Transaction #: W9560.00398
.00399

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

Dear Sir:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
P.1200960 ET AL IN AURORA & NEWMARKET TOWNSHIPS**

Assessment work credits have been approved as outlined on the original submission. The credits have been approved under Section 14, Geophysics (Mag, EM), Mining Act Regulations.

The approval date is December 12, 1995.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

Yours Sincerely,
ORIGINAL SIGNED BY:



Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

LJ/jl
Enclosure:

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Library
Sudbury, Ontario

C-3248

NEWMARKET TWP

C-3248

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

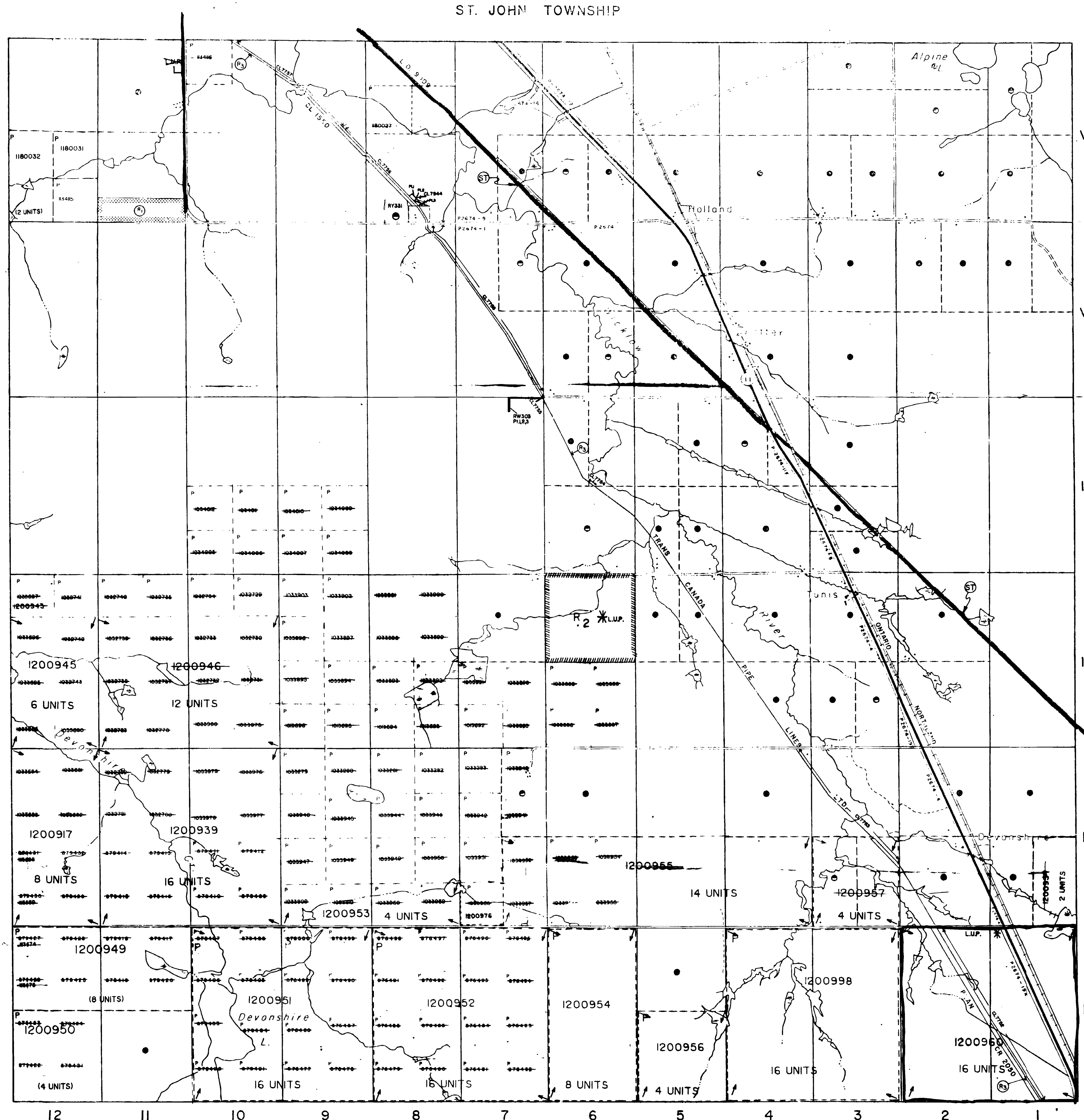
Description	Order No.	Date	Disposition	File
W. 43/75 NR. 16/8/75	S.R.O.	33749		

Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1960, ORDER NO. W-01/81/ONT (Town and/or Pipeline Right of Way and Luffer Zone periphery 40.26 meters or 132 ft) on either side of centre line of right of way

~~XXXXXXXXXXXXXXXXXXXX~~ CANCELLED - MARCH 3/90

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.

MANN TOWNSHIP



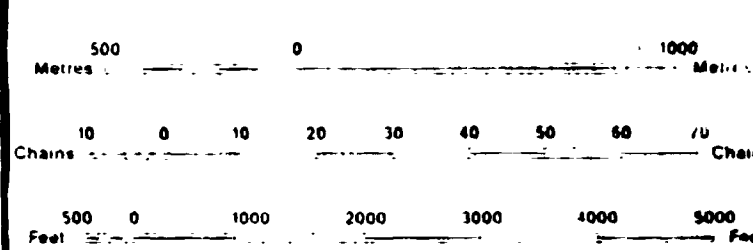
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP, 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-PERMANENT STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATION
- 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	○
L.U.P. (LAND USE PERMIT)	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1910 CHAP. 300, SEC. 63, SUBSEC. 1



SCALE 1:20 000

R₂ - AGRICULTURAL PERMIT
 S1 - SNOWMOBILE TRAIL NOTICE RECEIVED 92-DEC-09

TOWNSHIP **2.16291**

NEWMARKET

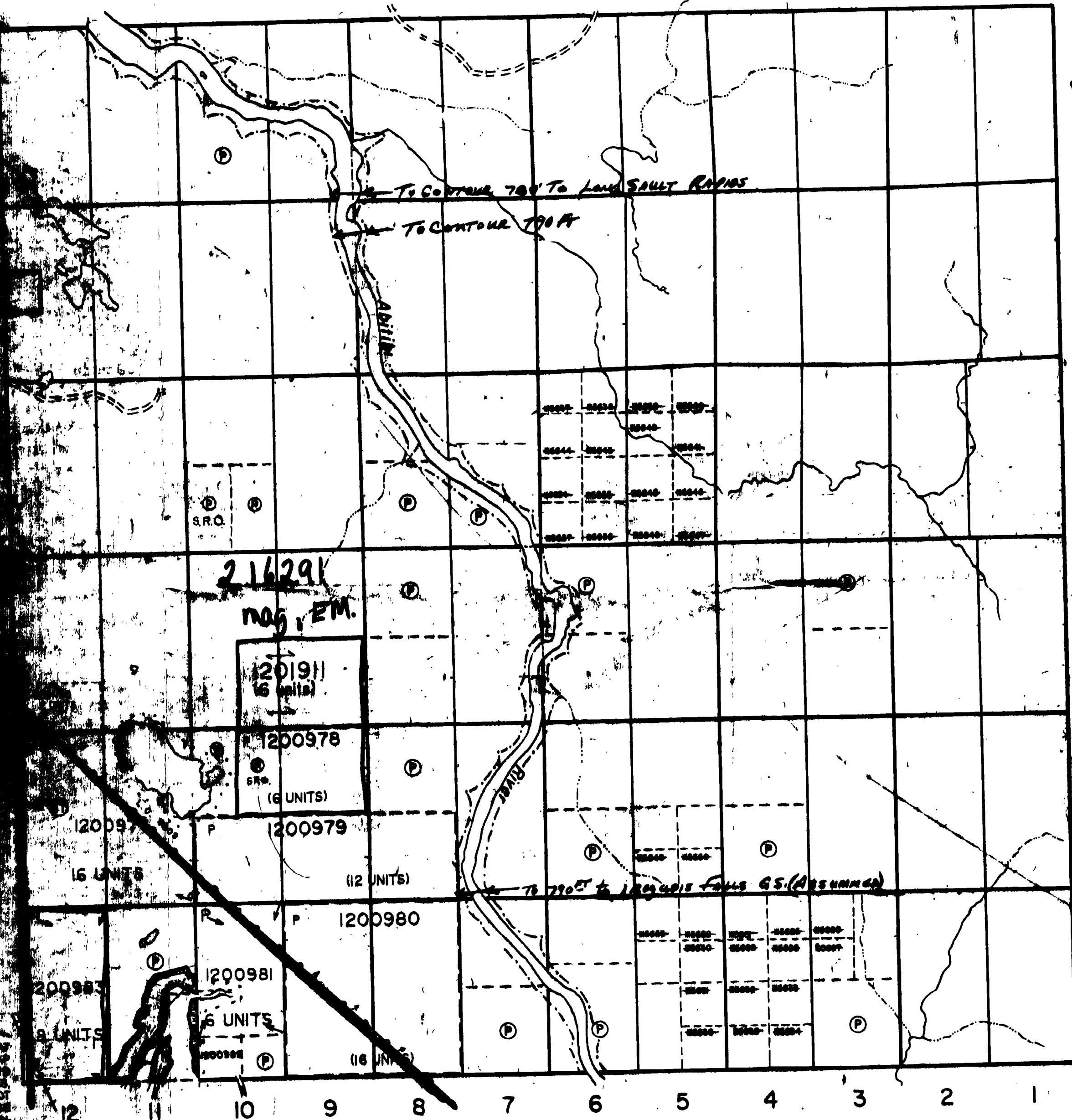
M.N.R. ADMINISTRATIVE DISTRICT
 COCHRANE
 MINING DIVISION
 PORCUPINE
 LAND TITLES / REGISTRY DIVISION
 COCHRANE

Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

Date: SEPTEMBER 1986
 Number: **G-3548**



Pyne Twp.



V

IV

III

II

I

Edwards Twp.

THE TOWNSHIP OF

AURORA

DISTRICT OF COCHRANE RECEIVED DEC - 8 1995

PORCUPINE MINING DIVISION MINING LANDS BRANCH

SCALE 1-INCH = 40 CHAINS

LEGEND

- REGISTERED PLAN OF SUBDIVISION
- PATENTED LAND
- CROWN LAND SALE
- LEASED
- LOCATED LAND
- LICENSE OF OCCUPATION
- ROADS
- IMPROVED ROADS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKIESS
- TRAIL
- WATER POWER LEASE

NOTES

- 1. Surface rights reserved to the Crown.
- 2. Mining area shown. Mining rights reserved to the Crown. Reserved to H.E.P.C.
- 3. WASTE DISPOSAL SITE LEACHATE ATTENUATION TANK. NOTICE RECEIVED APRIL 8, 1980.
- 4. THIS TWP IS SUBJECT TO FOREST ACT. FOR FURTHER INFORMATION INQUIRE OF THE FOREST SERVICE.
- 5. SNOWMOBILE TRAIL. NOTICE RECEIVED 22-DEC-09.
- 6. THIS TWP IS SUBJECT TO FOREST ACT. FOR FURTHER INFORMATION INQUIRE OF THE FOREST SERVICE.

ISSUED

DEC 5 1995

PORCUPINE MINING DIVISION

Received 08/1/95

PLAN NO. - M. 408

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

216291
MAG, EM.

Calvert Twp.



CC	1	0	01	1	0	10	11
CC	0	0	0	0	0	0	0
SEM	N	N	N	N	N	N	N
S	S	S	S	S	S	S	S

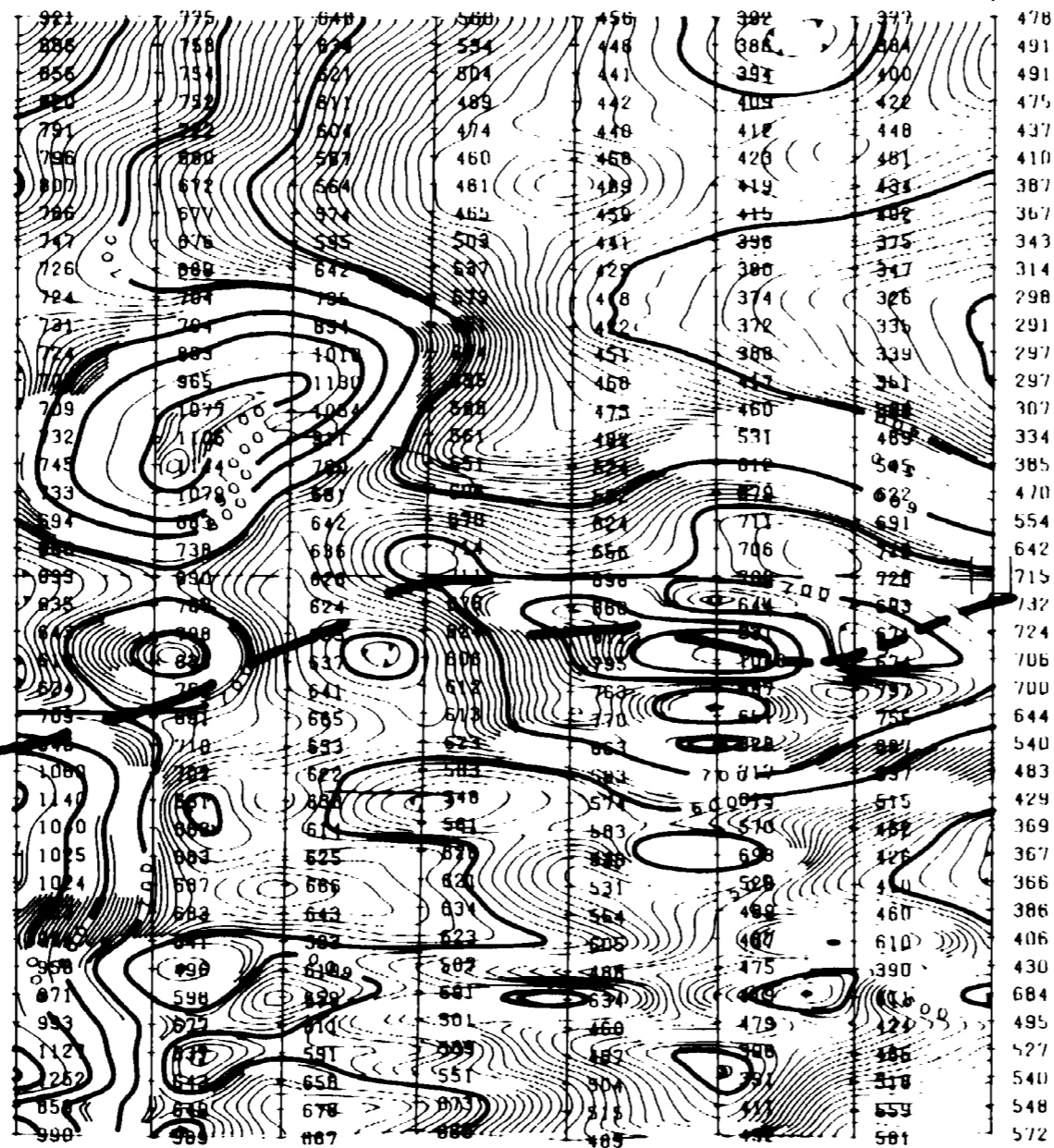
1201911
0 6 Units

200 SOUTH

400 SOUTH

600 SOUTH

800 SOUTH



0

200 SOUTH

400 SOUTH

600 SOUTH

800 SOUTH

CIN
III

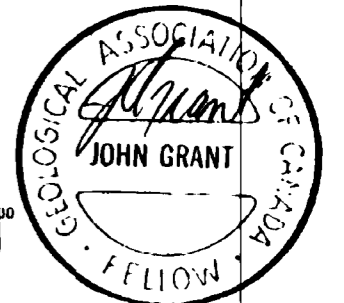
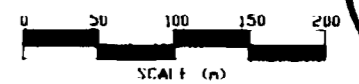
CIN
II

RECEIVED
DEC - 8 1995
MINING LANDS DIV.

1200978
6 Units

CC	1	0	01	1	0	10	11
CC	0	0	0	0	0	0	0
SEM	N	N	N	N	N	N	N
S	S	S	S	S	S	S	S

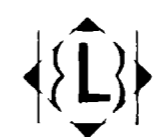
III 8



LOT 10

LOT 9

LEGEND
Instrument: EDA (MNI-1V)
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: 58,900 gammas
Datum Subtracted: 57,500 gammas



EXSICS EXPLORATION LTD.

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

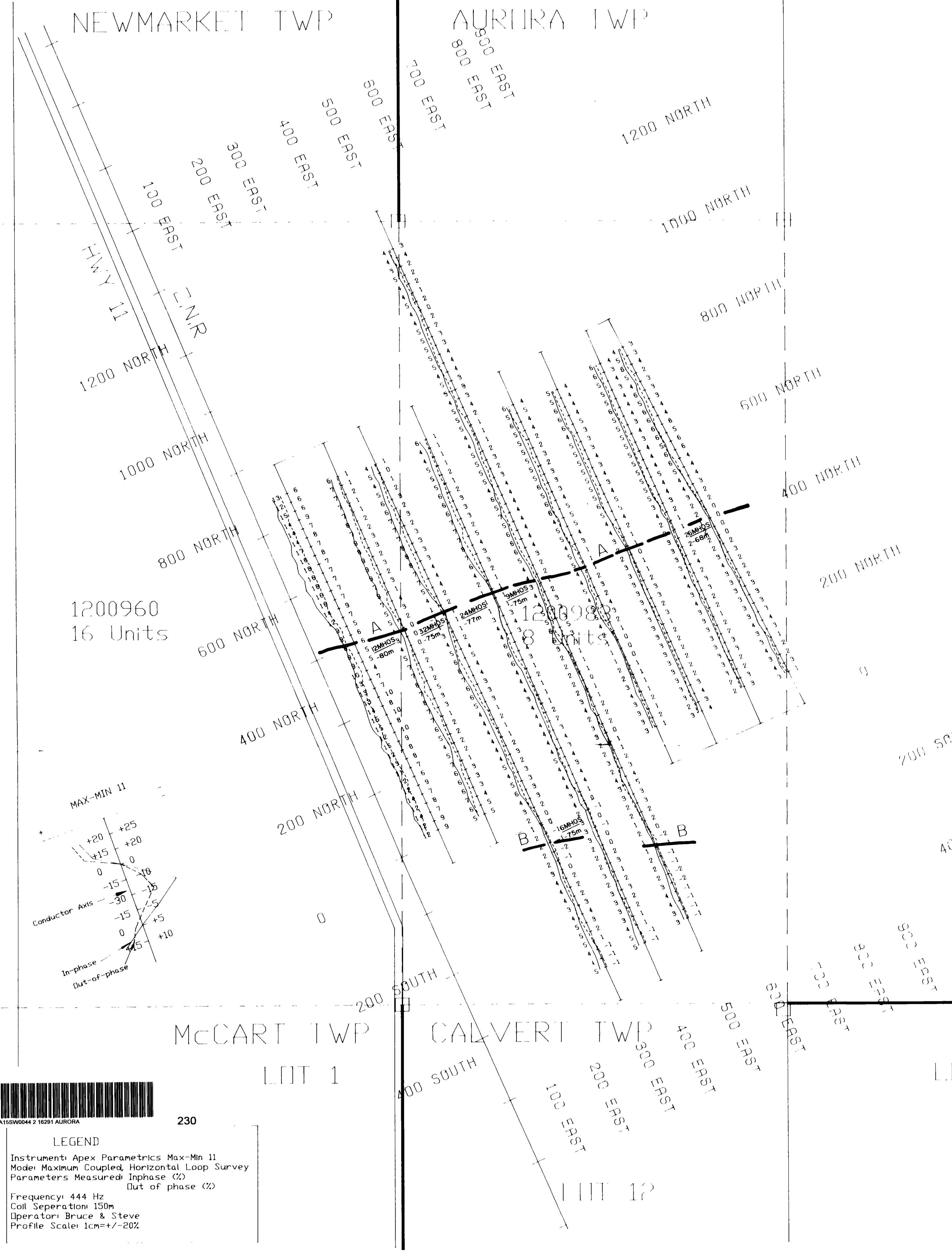
CLIENT: FALCONBRIDGE LIMITED
PROPERTY: MANN BELT PN# 8269
TITLE: AURORA TOWNSHIP AUR95 03.
MAGNETOMETER SURVEY

Date: Sept. 1995 | Scale: 1:5000 | NTS:
Drawn: P. Gauthier | Interp: J.C. Grant | Job No.: F-125

NEWMARKET TWP

AURORA TWP

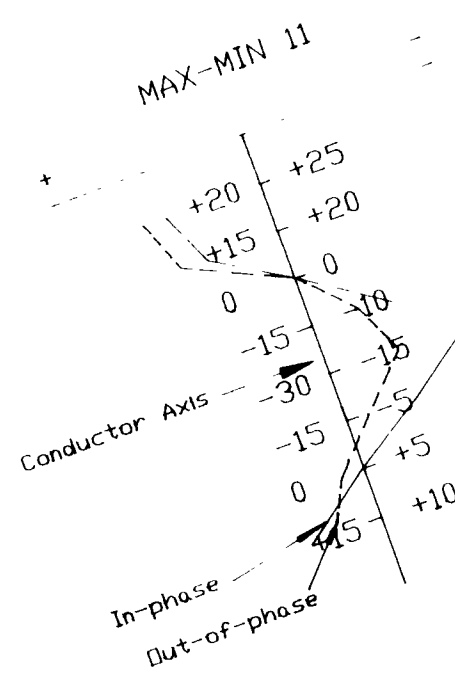
CON II



1200960
16 Units

1200988
8 Units

CON I



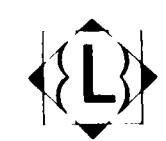
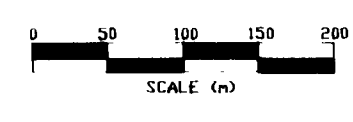
RECEIVED
DEC - 8 1995
2.16291 MINING LANDS BRANCH



230

LEGEND

Instrument: Apex Parametrics Max-Min 11
 Mode: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (%)
 Out of phase (%)
 Frequency: 444 Hz
 Coil Separation: 150m
 Operator: Bruce & Steve
 Profile Scale: 1cm=+/-20%



EXSICS EXPLORATION LTD.
 P.O. Box 1880, P4N-7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4151
 CLIENT: FALCONBRIDGE LIMITED
 PROPERTY: MANN BELT PN# 8269
 TITLE: AURORA TWP AUR95-02
 MAX MIN II 444 Hz

Date: Sept. 1995 | Scale: 1:5000 | NTS:
 Drawn: P.Gauthier | Interp: J.C.Grant | Job No.: E-125

1201911
6 Units

200 SOUTH

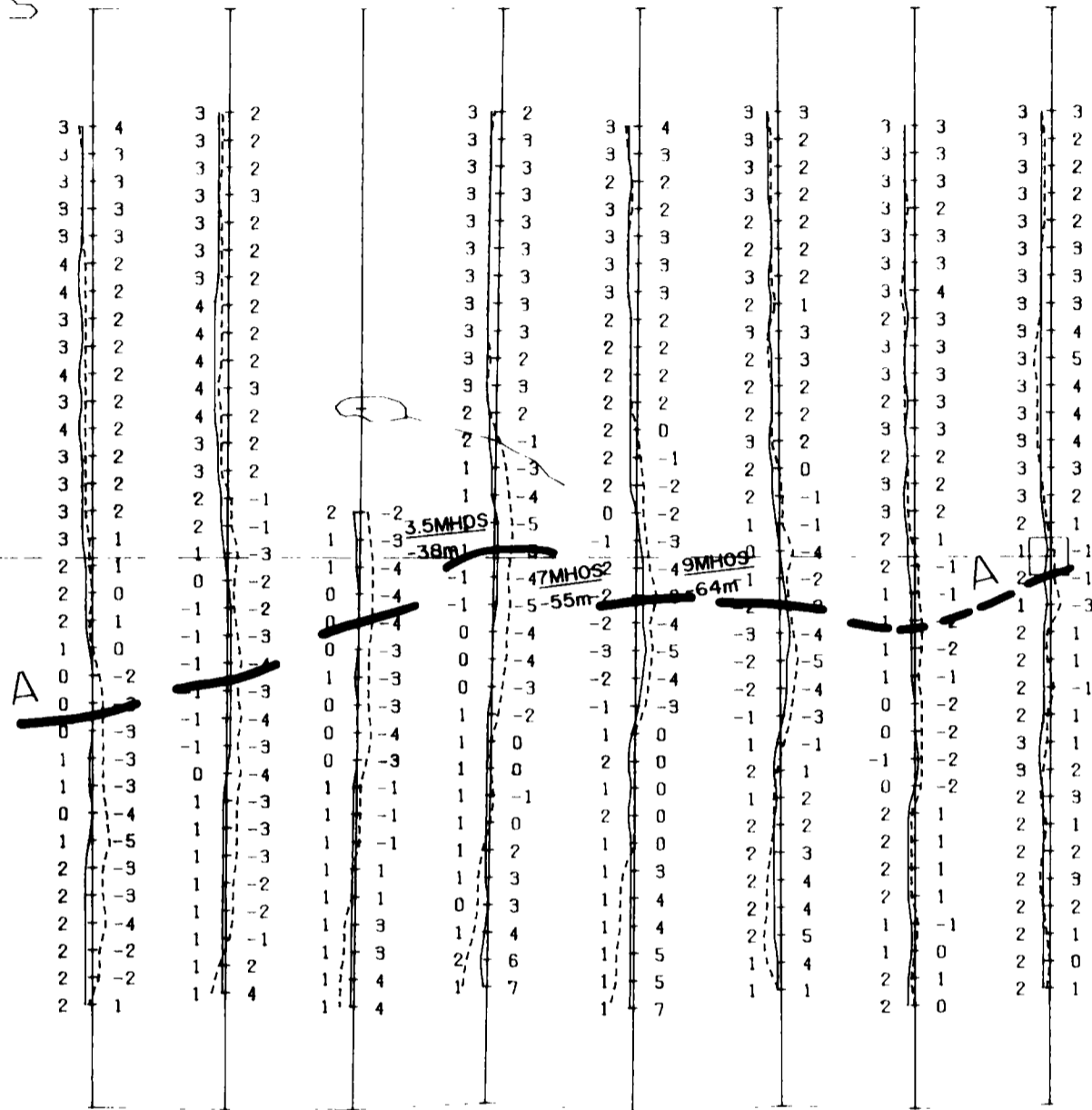
400 SOUTH

600 SOUTH

800 SOUTH

1200978
6 Units

800 WEST
700 WEST
600 WEST
500 WEST
400 WEST
300 WEST
200 WEST
100 WEST



0

200 SOUTH

400 SOUTH

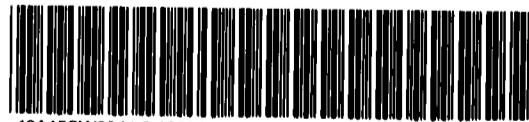
600 SOUTH

800 SOUTH

CUN
III

2.162 CUN
II

RECEIVED
DEC - 8 1995
MINING LANDS BRANCH



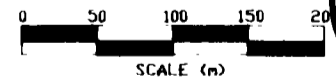
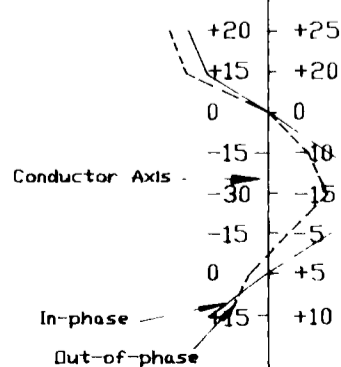
240

LOT 10

LOT 9

LEGEND
Instrument: Apex Parametrics Max-Min 11
Mode: Maximum Coupled, Horizontal Loop Survey
Parameters Measured: Inphase (%)
Out of phase (%)
Frequency: 444 Hz
Coil Separation: 150m
Operator: Steve & Bruce
Profile Scale: 1cm=+/-20%

MAX-MIN 11



EXSICS EXPLORATION LTD.
P.O. Box 1880, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151
CLIENT: FALCONBRIDGE LIMITED
PROPERTY: MANN BELT PN# 8269
TITLE: AURORA TOWNSHIP AUR95 03
MAX MIN II 444 Hz
Date: Sept. 1995 | Scale: 1:5000 | NTS:
Drawn: P.Gauthier | Interp: J.C.Grant | Job No.: E 125



250

1201911
0 6 Units

200 SOUTH

400 SOUTH

600 SOUTH

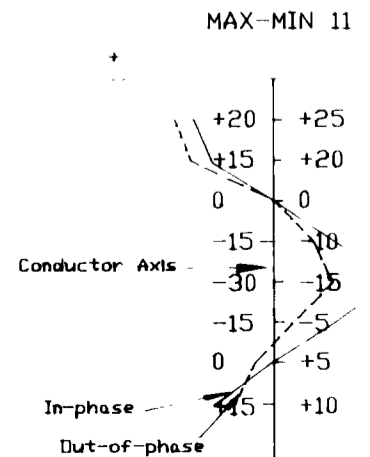
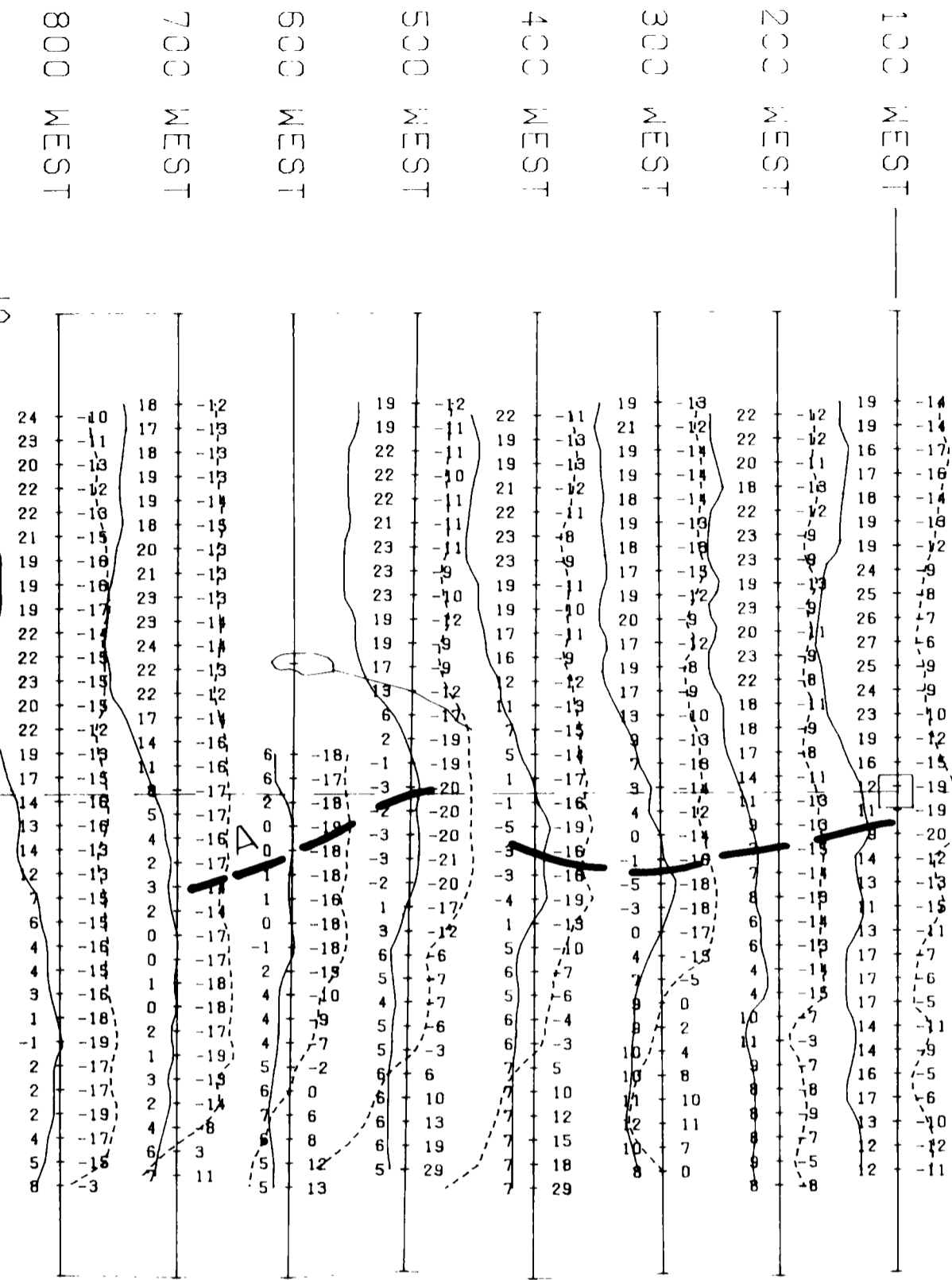
800 SOUTH

1200978
6 Units

LOT 10

LOT 9

LEGEND
 Instrument: Apex Parametrics Max-Min 11
 Mode: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (%)
 Out of phase (%)
 Frequency: 1777 Hz
 Coil Separation: 150m
 Operator: Bruce & Steve
 Profile Scale: 1cm=+/-20%



CIN
III

200 SOUTH

400 SOUTH

600 SOUTH

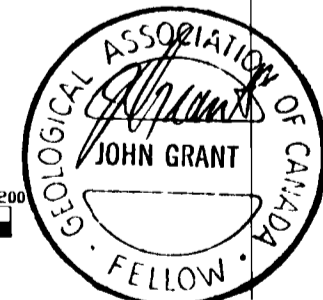
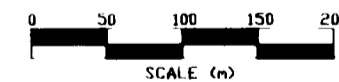
800 SOUTH

2.16291 CIN

RECEIVED

DEC - 8 1995

MINING LANDS BRANCH



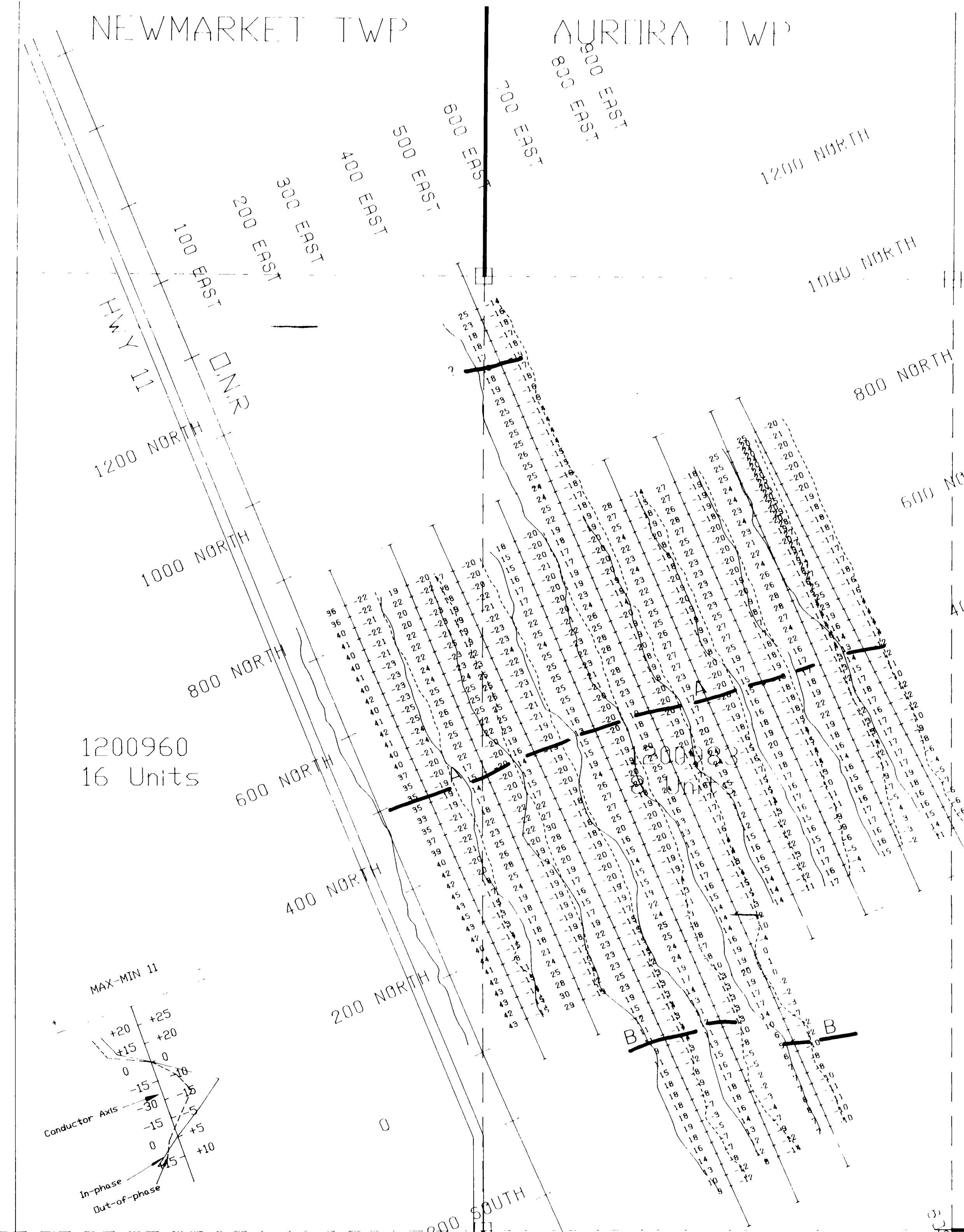
EXSICS EXPLORATION LTD.
 P.O. Box 1880, P4N-7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4151
 CLIENT: FALCONBRIDGE LIMITED
 PROPERTY: MANN BELT PN# 8269
 TITLE: AURORA TOWNSHIP AUR95-03
MAX-MIN II 1777 Hz

Date: Sept. 1995 | Scale: 1:5000 | NTS:
 Drawn: P.Gauthier | Interp: J.C.Grant | Job No.: E-125

NEWMARKET TWP

AURORA TWP

LINE II



1200960
16 Units

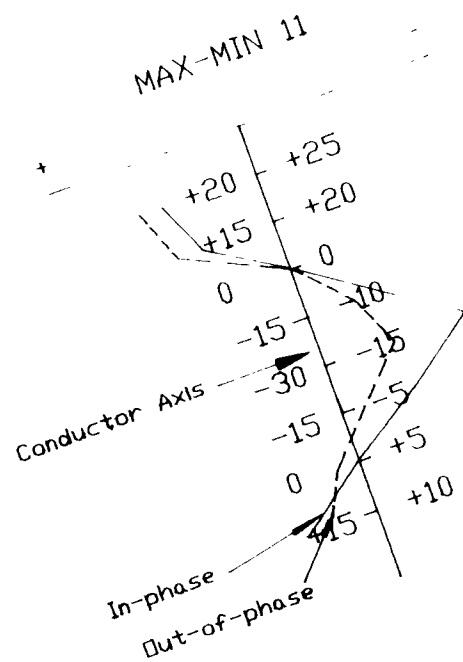
LINE I

S. 16291

RECEIVED

DEC - 8 1995

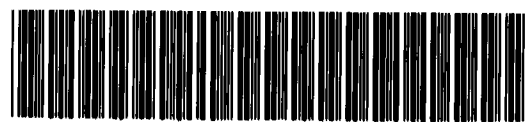
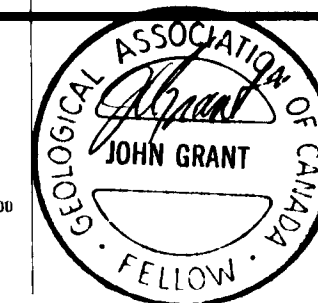
MINING LANDS BRANCH



McCART TWP

CALVERT TWP

LINE III



260

LEGEND

Instrument: Apex Parametrics Max-Min 11
 Model: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (%)
 Out of phase (%)
 Frequency: 1777 Hz
 Coil Separation: 150m
 Operator: Steve & Bruce
 Profile Scale: 1cm=+/-20%

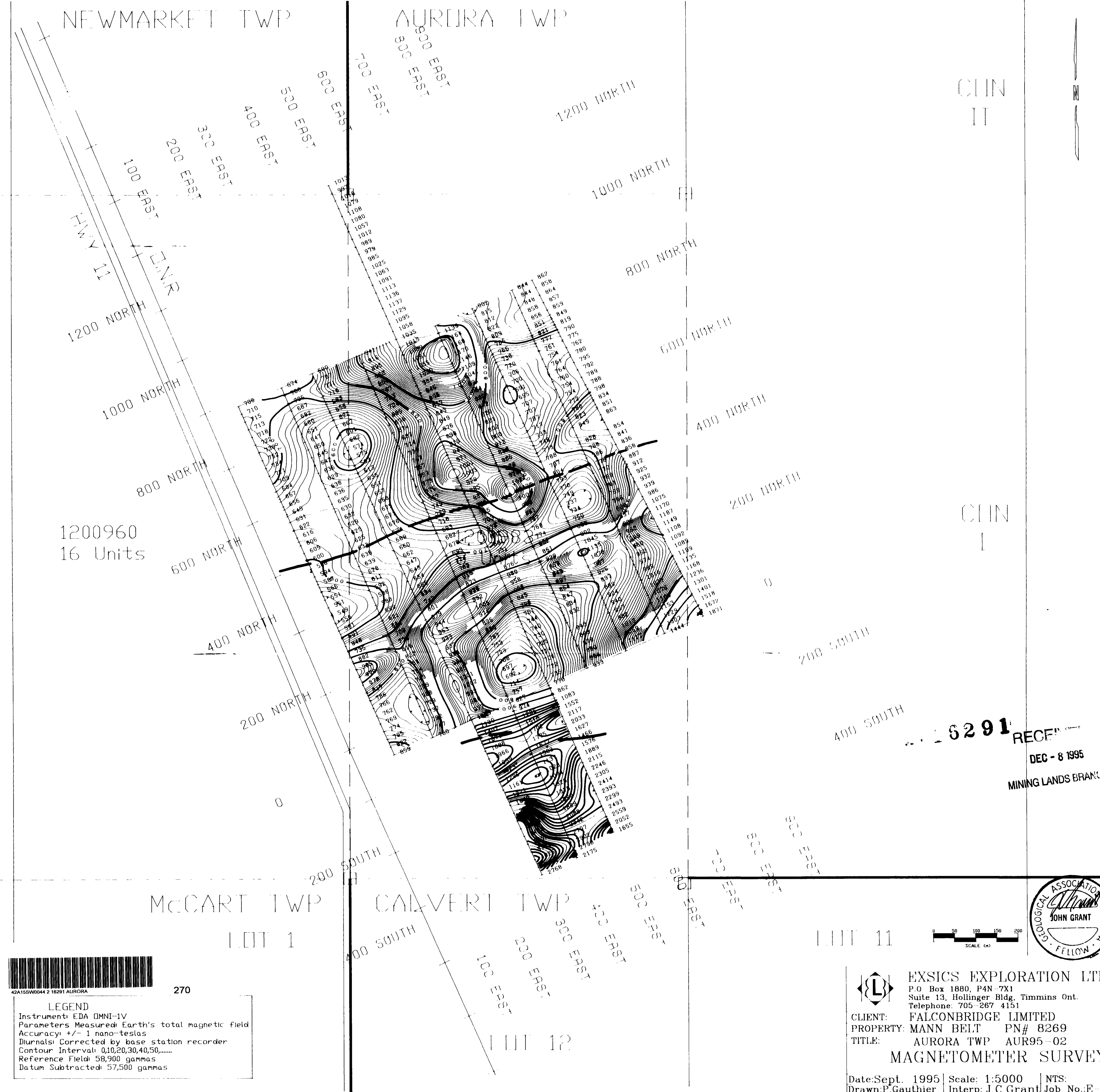
EXSICS EXPLORATION LTD.
 P.O. Box 1880, P4N 7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4151
 CLIENT: FALCONBRIDGE LIMITED
 PROPERTY: MANN BELT PN# 8269
 TITLE: AURORA TWP AUR95-02
MAX MIN II 1777 Hz

Date: Sept. 1995 | Scale: 1:5000 | NTS:
 Drawn: P.Gauthier | Interp: J.C.Grant | Job No.: E 125

NEWMARKET TWP

AURORA TWP

CUN
II



1200960
16 Units

CUN
I

6291

RECEIVED

DEC - 8 1995

MINING LANDS BRANCH

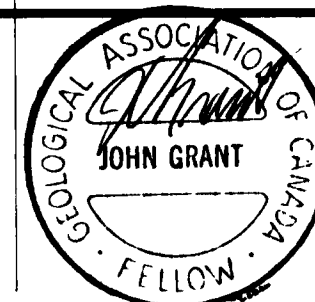
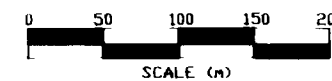


42A15SW0044 2 18291 AURORA

270

LEGEND

Instrument: EDA OMNI-1V
 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: 58,900 gammas
 Datum Subtracted: 57,500 gammas



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 Telephone: 705-267-4151

CLIENT: FALCONBRIDGE LIMITED
 PROPERTY: MANN BELT PN# 8269
 TITLE: AURORA TWP AUR95-02

MAGNETOMETER SURVEY

Date: Sept. 1995 | Scale: 1:5000 | NTS:
 Drawn: P. Gauthier | Interp: J.C. Grant | Job No.: E-125