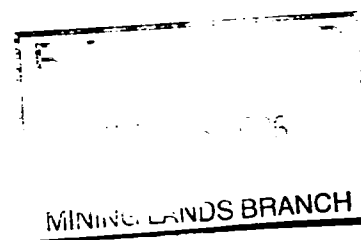




42A15SW0063 2 16644 MANN

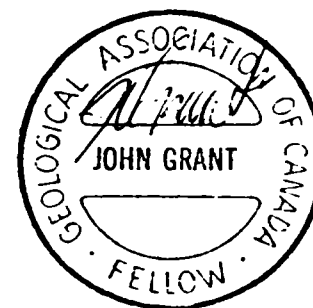
010

GEOPHYSICAL REPORT
FOR
FALCONBRIDGE LIMITED
ON THE
MANN BELT
GRID #MAN96-09
MANN TOWNSHIP, PORCUPINE MINING DIVISION
NORTHEASTERN ONTARIO
RECEIVED JUL 5 1996



2.16644

Qual. # 2.3943
PREPARED BY: J.C. Grant, CET, FGAC
February, 1996



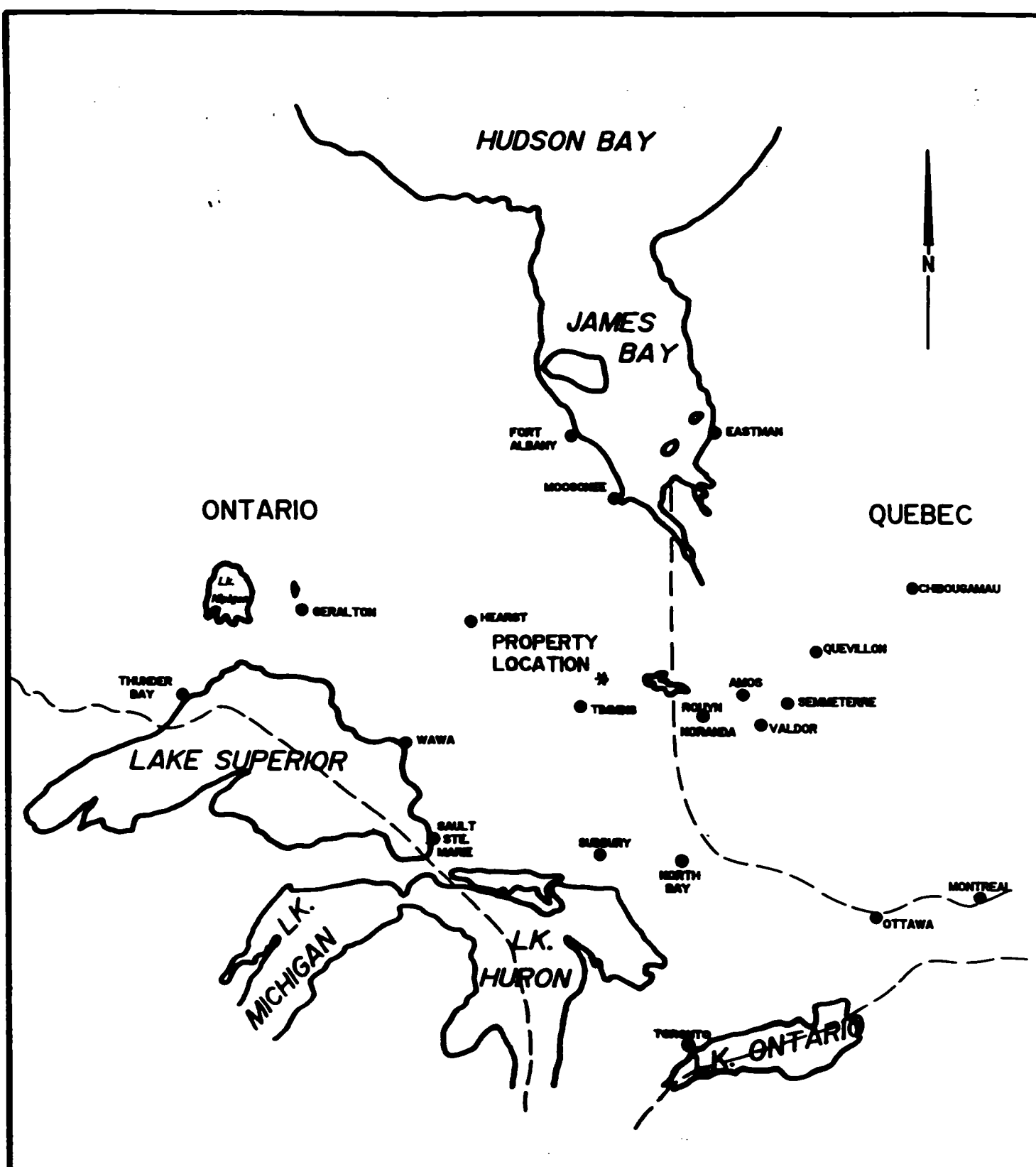


42A15SW0063 2 16644 MANN

010C

TABLE OF CONTENTS

| | PAGE |
|--|------|
| INTRODUCTION..... | 1 |
| PROPERTY LOCATION AND ACCESS..... | 1 |
| CLAIM GROUP..... | 1 |
| PERSONNEL..... | 1 |
| LINECUTTING PROGRAM..... | 2 |
| GEOPHYSICAL PROGRAM..... | 2,3 |
| SURVEY RESULTS..... | 3,4 |
| CONCLUSIONS AND RECOMMENDATIONS..... | 4 |
| CERTIFICATE | |
| APPENDICIES: A: BRGM OMNI IV SYSTEM SPECIFICATIONS | |
| B: APEX PARAMETRICS, MAXMIN 11 SYSTEM | |
| LIST OF FIGURES: FIGURE 1, LOCATION MAP | |
| FIGURE 2, PROPERTY LOCATION MAP | |
| FIGURE 3, CLAIM MAP | |
| POCKET MAPS: CONTOURED MAGNETIC MAP | |
| MAXMIN 444HZ PROFILE MAP | |
| MAXMIN 1777HZ PROFILE MAP | |



EXSICS EXPLORATION LTD.

P.O. Box 200, P4S-7X1
 Suite 12, Hollinger Bldg., Timmins Ont.
 Telephone: 705-267-4221

CLIENT: FALCONBRIDGE LIMITED

PROPERTY: MANN BELT PN 8269

**TITLE: MANN TWP
 LOCATION MAP**

Fig. 1

Date: Feb. 1996

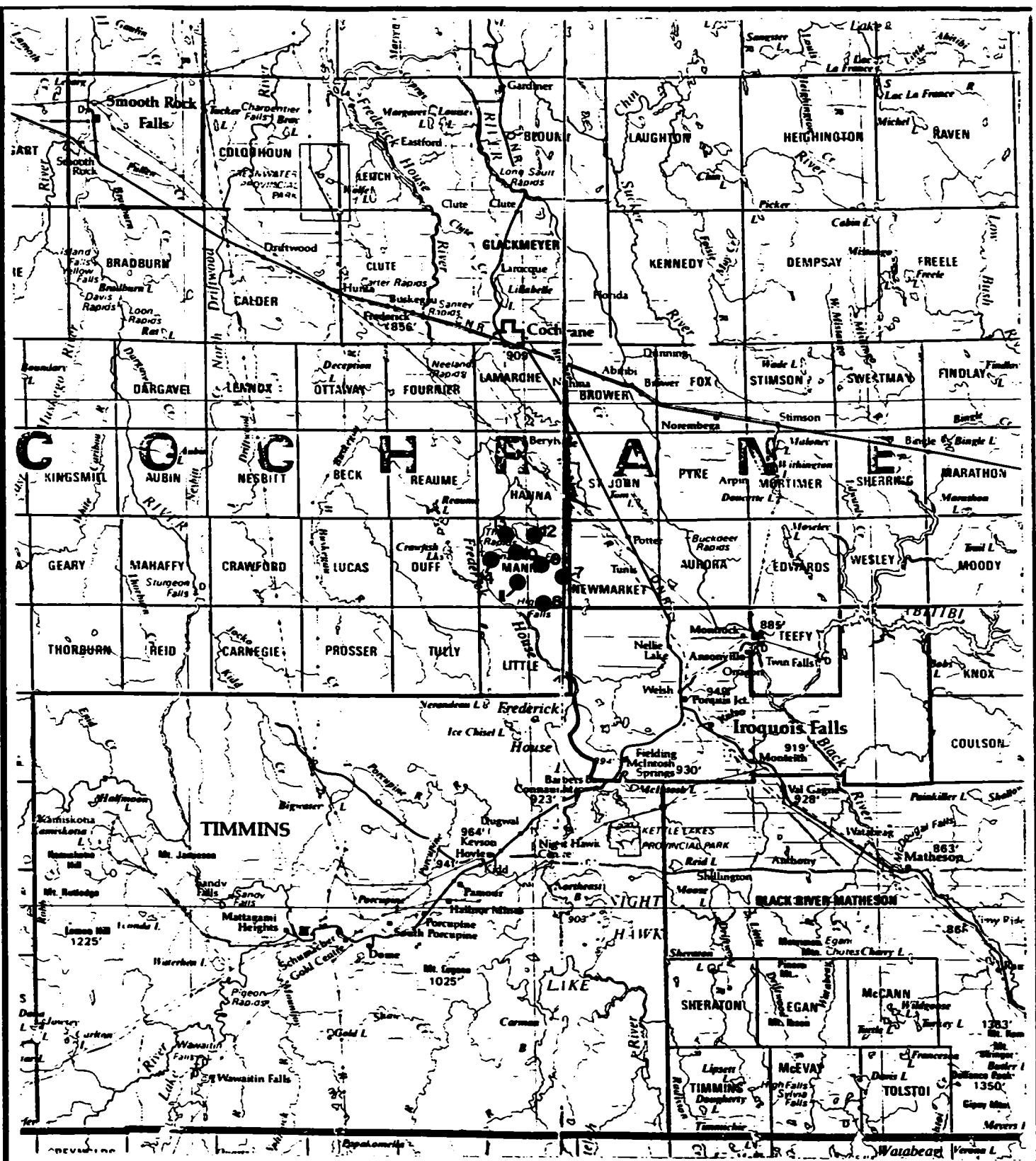
Scale: 1"=25miles

MNDM Plan#:

Drawn: P. Gauthier

Interp: J.C. Grant

Job No. E-145



EXSICS EXPLORATION LTD.

P.O. Box 1000, P4N-7X1
 Suite 23, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4511

CLIENT: FALCONBRIDGE LIMITED

PROPERTY: MANN BELT PN 8269

TITLE: MANN TWP

PROPERTY LOCATION Fig. 2

Date: Feb. 1996

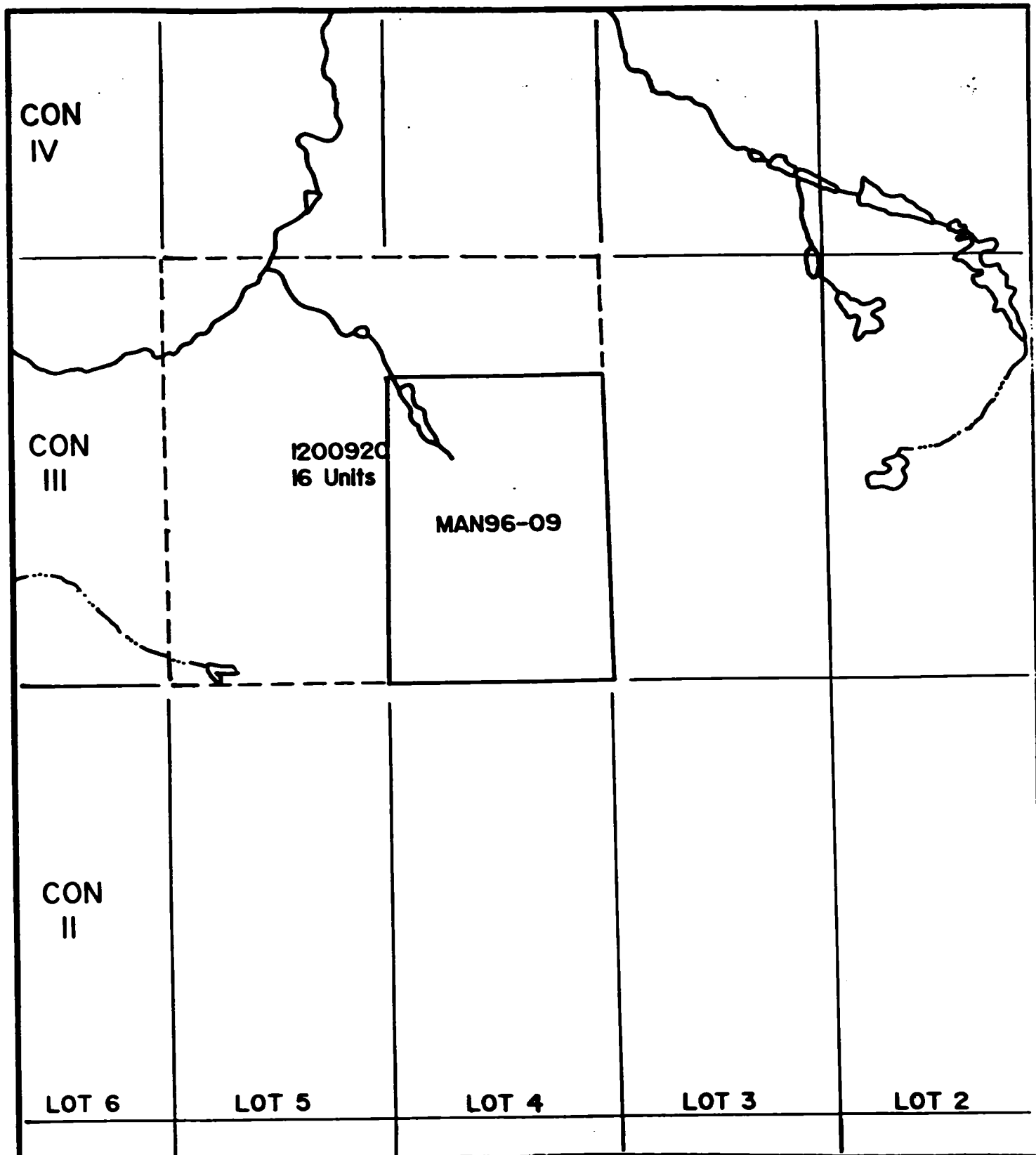
Scale: 1:600,000

MNDM Plan#: 22-6

Drawn:

Interp: J.C. Grant

Job No. E-145



EXSICS EXPLORATION LTD.

P.O. Box 1000, P.M. 201
 Suite 12, Millinger Bldg, Timmins Ont.
 Telephone: 705-267-4151

CLIENT: FALCONBRIDGE LIMITED

PROPERTY: MANN BELT PN 8269

TITLE: MANN TWP MAN96-09

CLAIM SKETCH

Fig. 3

Date: Feb. 1996

Scale: 1:20,000

MNDM Plan#: G-3537

Drawn: P. Gauthier

Interp: J.C. Grant

Job No. E-145

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

LINECUTTING PROGRAM

The grid consisted of 100 meter line spacing and 25 meter station spacing. Tieline 900MS was turned off from the existing tieline of the summer program and was cut at 090 degrees from line 300MW to 500Me The stations were chained from TL 900MS to TL 2000MS.

GEOPHYSICAL PROGRAM

This program consisted of a total field magnetic survey done in conjunction with a Horizontal Loop, electromagnetic, HLEM, survey. The magnetic survey was completed on the entire cut grid however the HLEM survey was completed on the cross lines only.

The magnetic survey was completed using the BRGM, OMNI IV system. Specifications for this system can be found as Appendix A of this report. The HLEM survey was completed using the Apex Parameterics, MaxMin II system. Specifications for this system can be found as Appendix B of this report.

MAGNETIC SURVEY:

The following parameters were kept constant throughout the survey.

| | |
|--------------------------|------------------------------|
| Linespacing..... | 100 meters |
| Station spacing..... | 25 meters |
| Reading interval..... | 12.5 meters |
| Diurnal monitior..... | Base station recorder |
| record interval..... | 30 seconds |
| Reference field..... | 57960 gammas |
| Datum subtract..... | 57500 gammas |
| Unit accuracy..... | +/- 0.1 gamma |
| Parameters measured..... | Earth's total magnetic field |

The collected, corrected and levelled data was then plotted directly onto a base map at a scale of 1:5000 and then contoured at 5 gamma intervals where possible. A copy of this base map is included in the back pocket of this report.

HLEM SURVEY:

The following parameters were kept constant throughout the survey.

| | |
|-------------------------------|--|
| Linespacing..... | 100 meters |
| Station spacing..... | 25 meters |
| Reading interval..... | 25 meters |
| Coil seperation..... | 150 meters |
| Theoretical search depth..... | 75-85 meters |
| Frequencies recorded..... | 1777hz, 444hz |
| Parameters measured..... | inphase and quadrature components of the secondary field. |
| Unit accuracy..... | +/- 0.5 percent |

The collected data was then plotted directly onto a base map at a scale of 1:5000, one base map for each frequency, and then profiled at 1cm to +/-20%. An interpretation for each line of the conductor was done as far as depth to source and apparent conductivity in Mhos and was put directly onto the base map. A copy of these base maps are included in the back pocket of this report.

SURVEY RESULTS

The HLEM survey was successful in locating and outlining several conductive horizons on the grid. For interpretation purposes they have been labelled Zones A,B,C and D. Each of the zones will be discussed seperately and in detail.

ZONE A:

This zone represents a weak possibly deep structural horizon which is probably being masked by the effect of the massive ultramafic intrusives covering all of the grid. The entire strike length of the zone lies along and within the south flank of the ultramafic unit which generally covers most of the survey grid.

Interpretation of this feature is difficult due the effect of the massive ultramafics.

ZONE B:

This zone also lies within the centre of the massive ultramafic and correlates to the strongest magnetics of the grid. Again the zone may represent a legitimate conductor either deep or at the least, being masked by the ultramafics.

ZONE C:

This zone lies along the contact of a high and extreme low magnetic signature which is probably representative of a mixture of the gabbros and peridotites within the ultramafics. Again the zone is probably being masked by the effect of the host rocks and the HLEM survey is having difficulty penetrating the unit.

ZONE D:

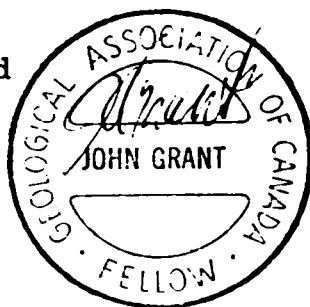
At this writing, zone D is a short questionable zone which appears to continue off of the grid to the east. The zone lies within or on the southern flank of a magnetic low signature again probably representing the ultramafic mixture. This zone would require further follow-up work to better define it's strike length and direction as well as it's authenticity. The ultramafic unit is also affecting the interpretation of the zone.

CONCLUSIONS AND RECOMMENDATIONS

The HLEM survey method was not effective enough to penetrate the ultramafic unit which generally covers the entire survey grid. The conductive zone albeit weak should be followed-up further by another deeper penetrating survey method to better define their sources and validity.

Respectfully submitted

J.C. Grant, CET, FGAC.
February, 1996.



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.

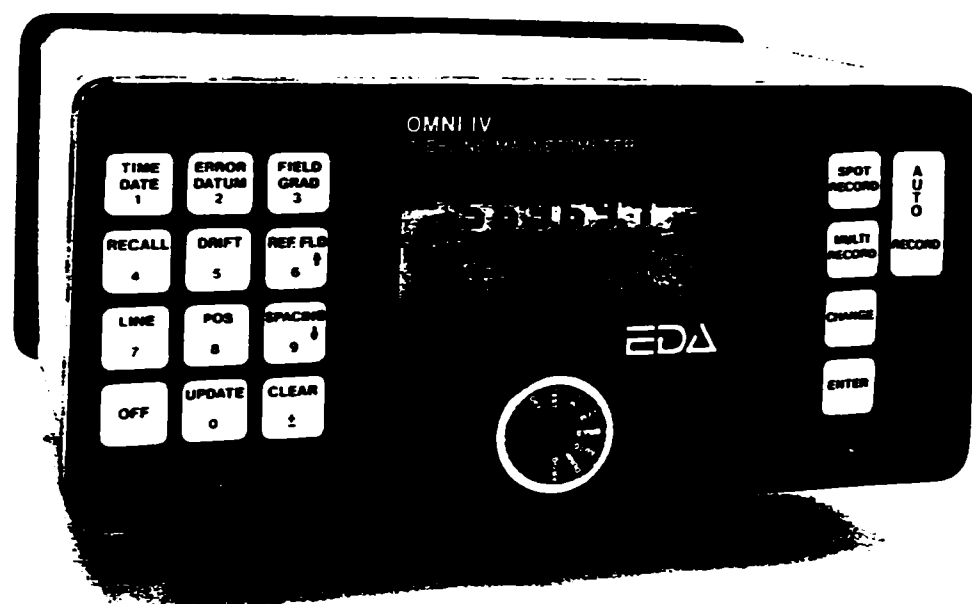
5) I have no specific or special interest in the described property. I have been retained as a Consulting Geophysicist by the claim holders.

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 | ± 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°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors. |
| RS232 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 |
| Counting Time (Base Station Mode) | Programmable from 5 seconds up to 60 minutes in 1 second increments |
| Operating Environmental Range | -40°C to +55°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

INDEX

MACMIN 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.

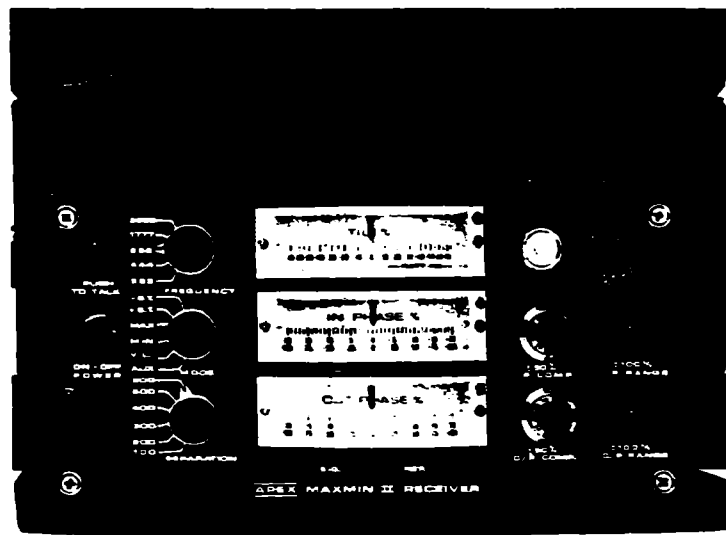
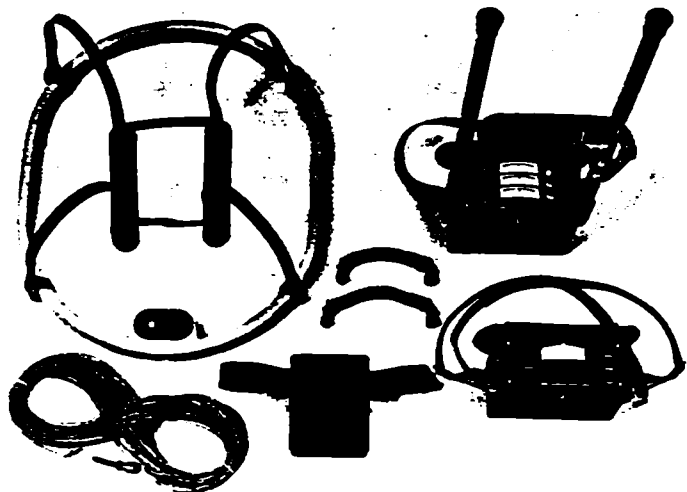
Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.

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

Built-in voice communication circuitry with cable.

Tilt meters to control coil orientation.





FEATURES

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

Mode of Operation: 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.

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

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

Meters: - 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.

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.

Accuracy: 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.

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

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

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

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

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

Warning 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: 6 kg (13 lbs.)

Transmitter Weight: 13 kg (29 lbs.)

Shipping Weight: 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.

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

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR



Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

GRID M1W46-04

Transaction Number

W9660.00301

Personal information collected on this form is obtained under the act in this collection should be directed to the Provincial Manager, Min Sudbury, Ontario, P2E 6A8, telephone (705) 670-7284.



42A15SW0063 2 16644 MANN

900

Instructions: - Please type or print and submit in
- Refer to the Mining Act and Regulations 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.

2.16644

| | |
|--|--|
| Recorded Holder(s) FALCONBRIDGE LIMITED | Claim No. 130679 |
| Address 571 Moneta Ave. P.O. Box 1140 Timmins, Ont P4N 7H9 | Telephone No. (705) 267-1188 |
| Mining Division Porcupine | Map or Plan No. |
| Date Work Performed From: JANUARY 20, 1996 | To: FEBRUARY 6, 1996 |

Work Performed (Check One Work Group Only)

| Work Group | Type |
|-----------------------------------|--|
| Geotechnical Survey | Linecutting 123 km, Maj 12-3 km, HLEM 9.9 km |
| Physical Work, Including Drilling | |
| Rehabilitation | |
| Other Authorized Work | |
| Assays | |
| Assignment from Reserve | |

Total Assessment Work Claimed on the Attached Statement of Costs \$ 7308

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 90 days of a request for verification.

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

| Name | Address |
|------------------------|---|
| Exles Exploration Ltd. | P.O. Box 1880 Suite 13 Hollinger Bldg. Timmins, Ont. (705) 267-4151 |
| | |
| | |

(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 Apr. 12/96 | Recorded Holder or Agent (Signature) C. PEZCH |
|--|---------------------------|---|

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 PEZCH 571 Moneta Ave. P.O. Box 1140 Timmins Ont. P4N 7H9 | | |
| Telephone No. (705) 267-1188 | Date Apr 12/96 | Certified By (Signature) C. PEZCH |

For Office Use Only

| | | | |
|---|---|--|--|
| Total Value Cr. Recorded 7308 | Date Recorded July 24/96 | Mining Recorder Not yet Gary White | Received Stamp RECEIVED (c) APR 25 1996 IB |
| | Document Approval Date July 24/96 | Date Approved | |

| Work Report Number for Applying Reserve | Claim Number (see Note 2) | Number of Claim Units |
|---|---------------------------|-----------------------|
| | P 1200920 | 16 |
| | P 1200921 | 4 |
| Total Number of Claims | | 2 |

| Value of Assessment Work Done on this Claim | Value Applied to this Claim |
|---|-----------------------------|
| 7308 | 6562 |
| | 746 |
| Total Value Work Done | |
| 7308 | 7308 |

| Value Assigned from this Claim | Reserve: Work to be Claimed at a Future Date |
|--------------------------------|--|
| 746 | |
| Total Assigned From | |
| 746 | Total Reserve |

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. P 1200920

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

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

Note 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 or leased land at the time the work was performed. | Signature | Date |
|---|-----------|------|



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

GRID MAN96-09

Transaction No./N° de transaction
W 9660-00301

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 8A5, 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 8A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

| Type | Description | Amount Montant | Totals Total global |
|---|---|-------------------|------------------------|
| Wages Salaires | Labour Main-d'oeuvre | 300 | |
| | Field Supervision Supervision sur le terrain | 300 | 600* |
| Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil | Type Linecutting | | Invoice# 402 |
| | HLEM | | |
| | Mag | | 6498 |
| Supplies Used Fournitures utilisées | Type Flagging | 10 | |
| | Picket tags | 50 | |
| | | | 60 |
| Equipment Rental Location de matériel | Type Truck | 100 | |
| | Snow mobile | 50 | |
| Total Direct Costs Total des coûts directs | | | 150 7308 |

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'excédant pas 20 % des coûts directs) | | | |
| Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) | | | 7308 |

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 |
| | × 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 | Evaluation totale demandée |
| | × 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 C. A. E. T. C. H. I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

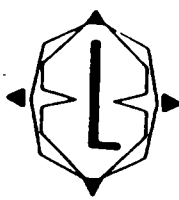
Attestation de l'état des coûts

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. A. E. T. C. H. Date: April 12/96



EXSICS EXPLORATION LIMITED
CONTRACTING & CONSULTING GEOPHYSICS

Tel. (705) 267-4151
Fax (705) 264-5790

P.O. Box 1880
Timmins, Ontario P4N7X1

RECEIVED

JUL 5 1996

MINING LANDS BRANCH

INVOICE #: 402
PROJECT #: e-144

ON ACCOUNT WITH: Falconbridge Limited
P.O. Box 1140
Timmins, Ontario

Attention: Paul Nagerl

G.S.T. REGISTRATION # 113433791

2.16644

RE: Mann96-09, linecutting, magnetics, HLEM surveys

AT A RATE OF:

| | |
|---|------------------|
| 12.3 kilometers of lines @ \$265.00/km..... | \$3259.50 |
| 12.3 kilometers of magnetics @ \$100.00/km..... | \$1230.00 |
| 9.9 kilometers of HLEM @ \$160.00/km..... | <u>\$1584.00</u> |
| sub-total..... | \$6073.50 |
| 7% GST..... | \$ 425.15 |
| sub-total..... | <u>\$6498.65</u> |
| 1.23 boxes of tags, PST, GST INCL..... | \$ 50.91 |

TOTAL OF THIS INVOICE:

\$6549.56

DATE: FEBRUARY 7, 1996

SIGNED: *Paul Nagerl*

RECEIVED FEB 09 1996

Paul Nagerl \$269
Feb 9 '96

PAYMENT DUE UPON RECEIPT OF INVOICE.

TERMS: NET 30, 2% INTEREST PER MONTH ON OVERDUE ACCOUNTS.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

July 19, 1996

Our File: 2.16644
Transaction #: W9660.00301

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

Dear Mr. White:

**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S)
1200920 (ET AL.) IN MANN TOWNSHIP (AREA)**

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 14, Geophysics (MAG, EM) of the Assessment Work Regulation.

The approval date is July 15, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours sincerely,
ORIGINAL SIGNED BY:

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

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

BIG BIG/jf

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Library
Sudbury, Ontario

MINING AND SURFACE RIGHTS
 Order No. Date Disposition File

WATER POWER RESERVE

W.D. 87 / 87

MINING AND SURFACE RIGHTS WITHIN THE
 ORDER OF THE MANN ACT
 OCTOBER 10, 1987

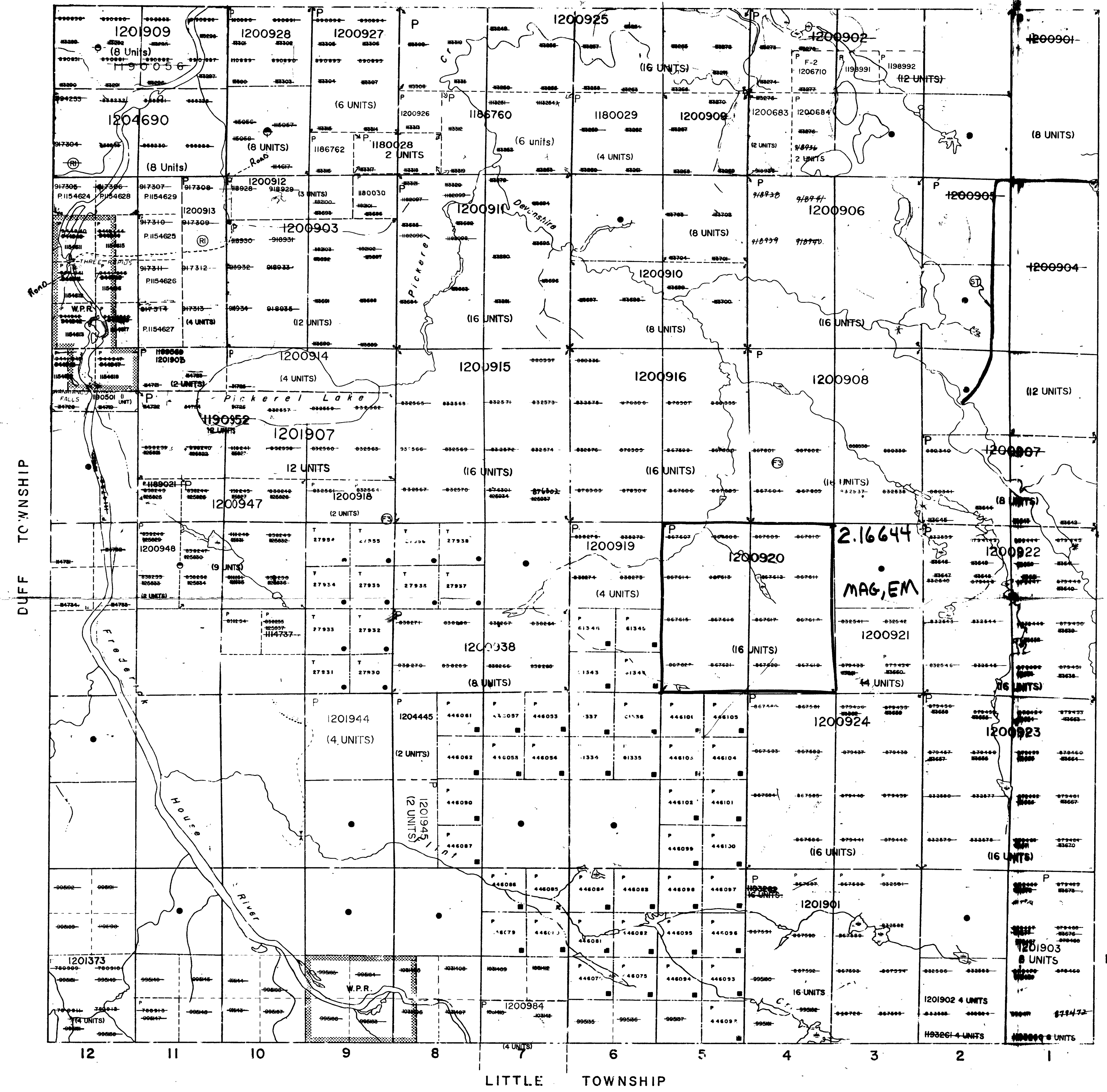
NOTE: P1125837 PLOTTED IN ERROR.
 S/B-P1114737.

S.W. 7/11 N.W.M.

THE INFORMATION THAT
 APPEARS ON THIS MAP
 HAS BEEN COMPILED
 FROM VARIOUS SOURCES
 AND ACCURACY IS NOT
 GUARANTEED. THOSE
 WISHING TO STAKE MIN-
 ING CLAIMS SHOULD CON-
 SULT WITH THE MINING
 RECORDER, MINISTRY OF
 NORTHERN DEVELOP-
 MENT AND MINES, FOR AD-
 DITIONAL INFORMATION
 ON THE STATUS OF THE
 LANDS SHOWN HEREON.

T33-G

LITTLE TOWNSHIP



DISPOSITION OF CROWN LANDS

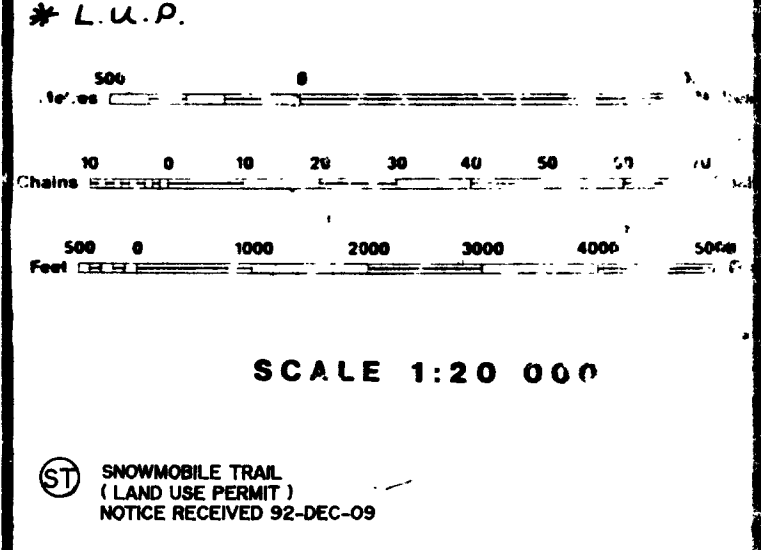
| TYPE OF DOCUMENT | SYMBOL |
|--------------------------------|--------|
| LEASE, SURFACE & MINING RIGHTS | ○ |
| SURFACE RIGHTS ONLY | ○ |
| MINING RIGHTS ONLY | ○ |
| LEASE, SURFACE & MINING RIGHTS | ○ |
| SURFACE RIGHTS ONLY | ○ |
| MINING RIGHTS ONLY | ○ |
| LICENCE OF OCCUPATION | ○ |
| ORDER-IN-COUNCIL | ○ |
| RESERVATION | ○ |
| CANCELLED | ○ |
| SAND & GRAVEL | ○ |
| LAND USE PERMIT | ○ |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913, VESTED IN ORIGINAL PATENTEE BY LANDS ACT, R.S.O. 1970, CHAP. 360, SEC. 62, SUB-SECTION 1.

DISPOSITION OF CROWN LANDS

| TYPE OF DOCUMENT | SYMBOL |
|--------------------------------|--------|
| LEASE, SURFACE & MINING RIGHTS | ○ |
| SURFACE RIGHTS ONLY | ○ |
| MINING RIGHTS ONLY | ○ |
| LEASE, SURFACE & MINING RIGHTS | ○ |
| SURFACE RIGHTS ONLY | ○ |
| MINING RIGHTS ONLY | ○ |
| LICENCE OF OCCUPATION | ○ |
| ORDER-IN-COUNCIL | ○ |
| RESERVATION | ○ |
| CANCELLED | ○ |
| SAND & GRAVEL | ○ |
| LAND USE PERMIT | ○ |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913, VESTED IN ORIGINAL PATENTEE BY LANDS ACT, R.S.O. 1970, CHAP. 360, SEC. 62, SUB-SECTION 1.



SHOWBOLT TRAIL (LAND USE PERMIT)
 NOTICE RECEIVED 92-DEC-09

not updated

RECEIVED
 JUL 5 1996
 MINING LANDS BRANCH

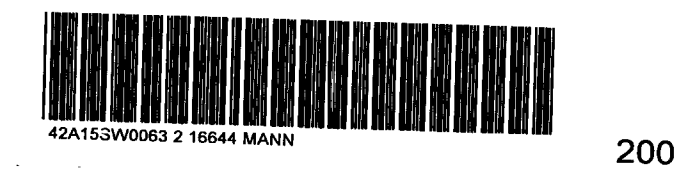
2.16644

Received Sept 22/86

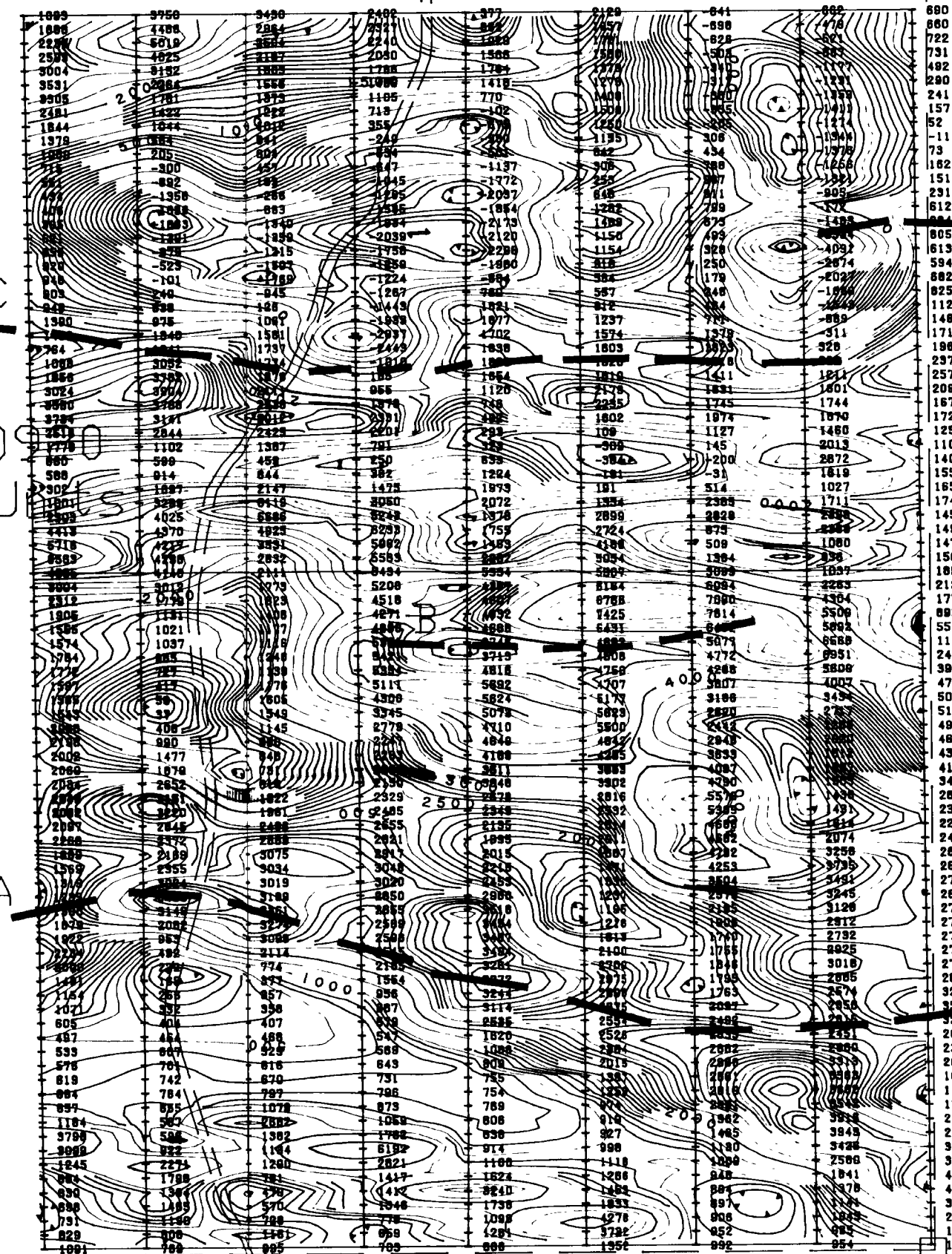
TOWNSHIP
MANN
 M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

SEPTEMBER 1986
 G-3537



500 EAST
400 EAST
300 EAST
200 EAST
100 EAST
0
100 WEST
200 WEST
300 WEST



1000 SOUTH
1200 SOUTH
1400 SOUTH
1600 SOUTH
1800 SOUTH
2000 SOUTH

1200 SOUTH
16 U

CON
III

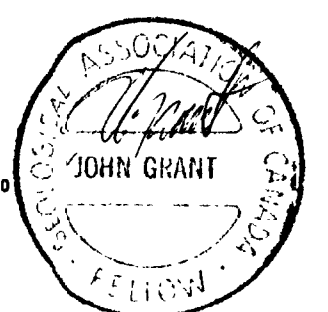
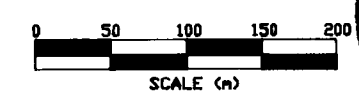
2.16644

A

A


500 EAST
400 EAST
300 EAST
200 EAST
100 EAST
0
100 WEST
200 WEST
300 WEST

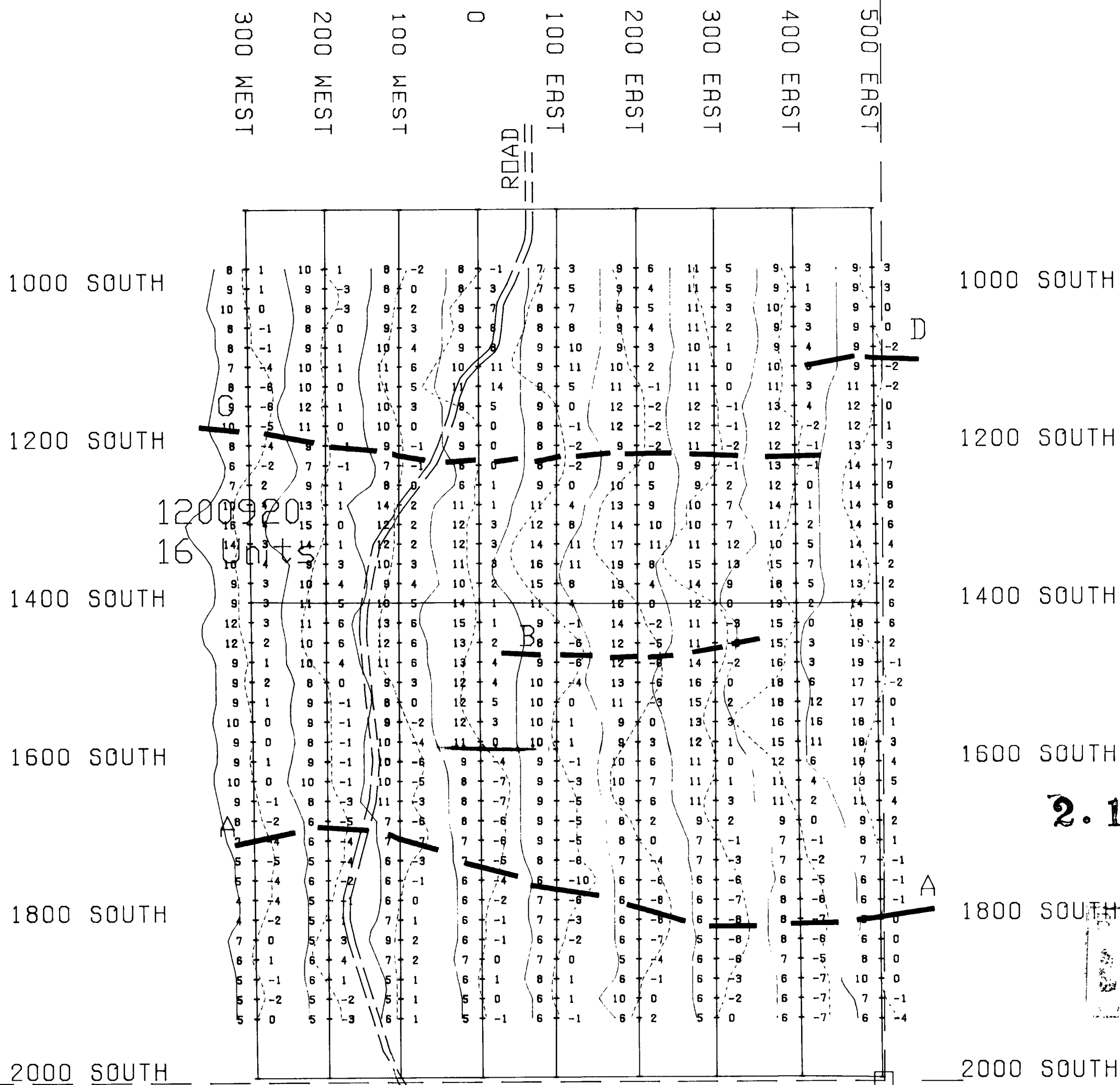
LOT 4



LEGEND
Instrument: BRGM OMNI-IV
Parameters Measured: Earth's total magnetic field
Accuracy: +/- 0.1 nano-teslas
Diurnals: Corrected by base station recorder
Contour Interval: 0,100,200,300,400,500,.....
Reference Field: 57,960 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: MANN TWP MAN96-09 MAGNETOMETER SURVEY | | |
| Date: Feb. 1996 | Scale: 1:5000 | NTS: |
| Drawn: P. Gauthier | Interp: J.C. Grant | Job No.: E-145 |



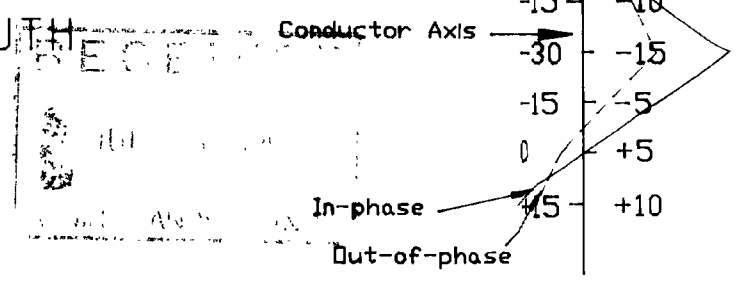
1200
16
Units

1000 SOUTH
1200 SOUTH
1400 SOUTH
1600 SOUTH
1800 SOUTH
2000 SOUTH

CON
III

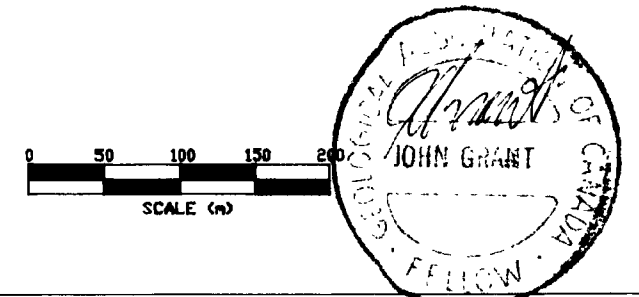
MAX-MIN 11

2.16644



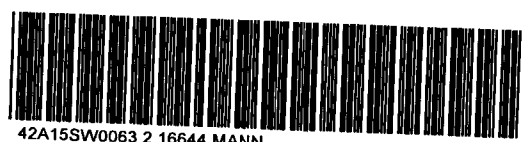
300 WEST
200 WEST
100 WEST
0
100 EAST
200 EAST
300 EAST
400 EAST
500 EAST

LOT 4



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: R. & R. Mathieu
 Profile Scale: 1cm=+/-10%

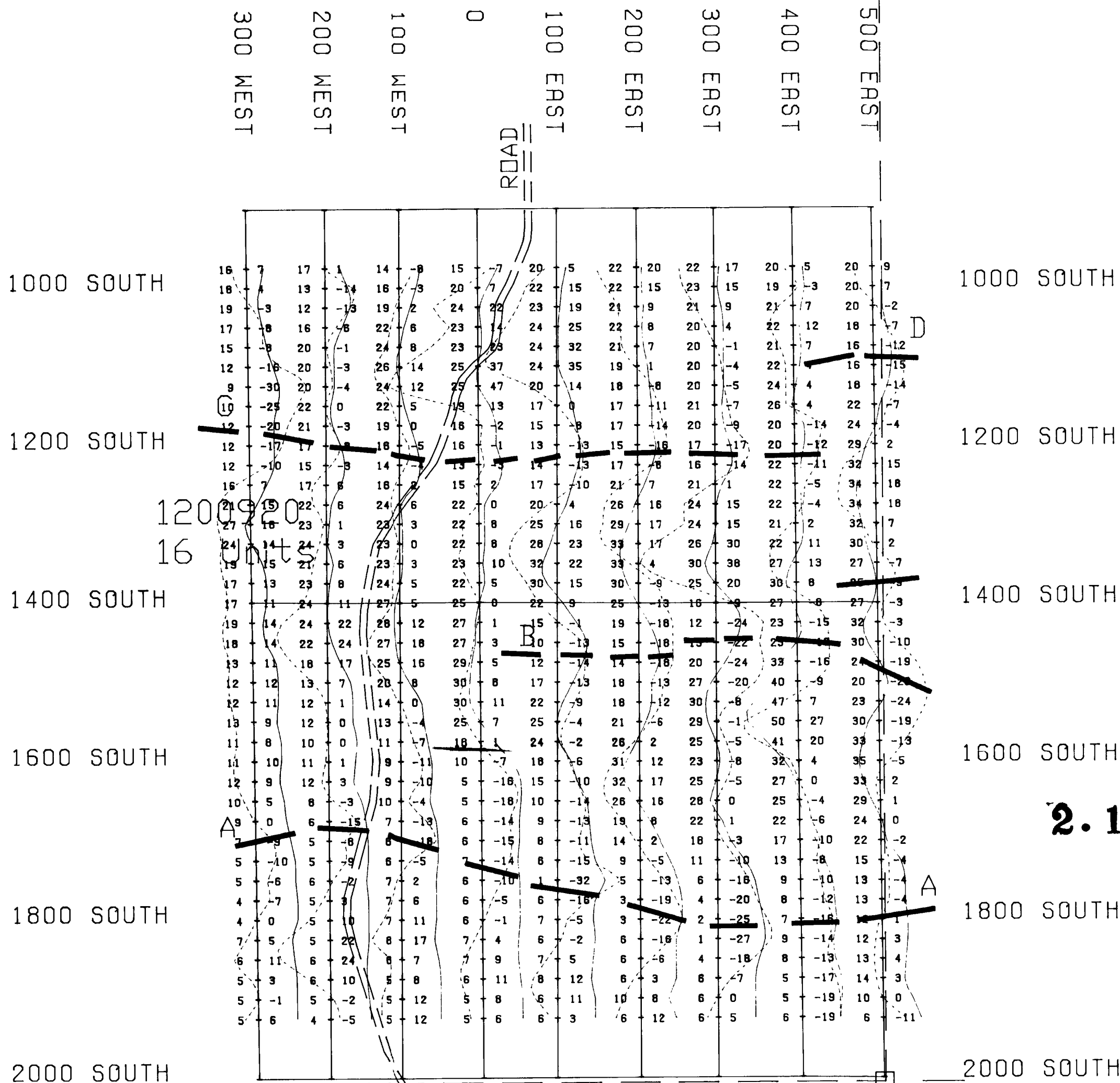


220

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: **MANN TWP MAN96-09**
MAX-MIN II 444 Hz

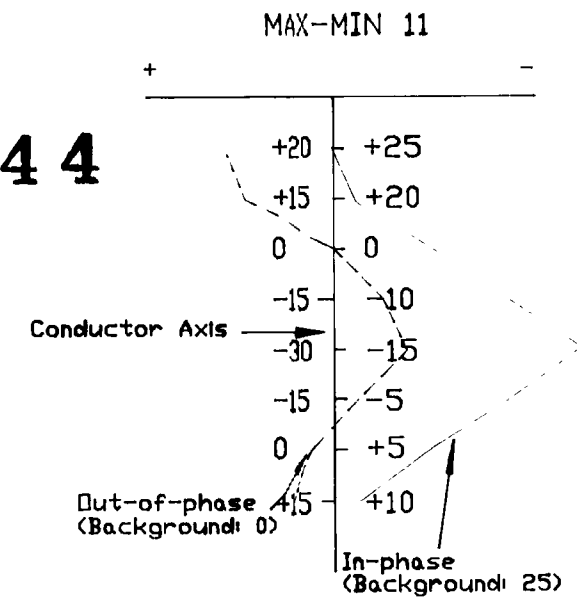
Date: Feb. 1996 Scale: 1:5000 NTS:
 Drawn: P. Gauthier Interp: J.C. Grant Job No.: E-145



1200 SOUTH
16 Units

CON III

2.16644



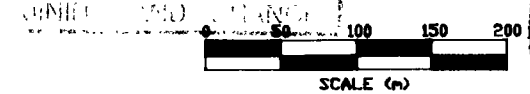
LOT 4

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: R. & R. Mathieu
 Profile Scale: 1cm=+/-20%



230

RECEIVED



| | | |
|---|---|----------------|
| 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: | MANN TWP MAN96-09 MAX-MIN II 1777 Hz | |
| Date: Feb. 1996 | Scale: 1:5000 | NTS: |
| Drawn: P. Gauthier | Interp: J.C. Grant | Job No.: E-145 |