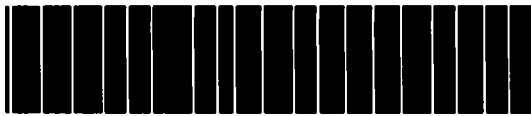


11/29/95



42A14SE0020 2.16316 MANN

010

GEOPHYSICAL REPORT
 FOR
 FALCONBRIDGE LIMITED
 ON
 GRID 95-02
 MANN BELT PROJECT
 # 8269
 MANN TOWNSHIP
 PORCUPINE MINING DIVISION
 NORTHEASTERN ONTARIO

2.16316

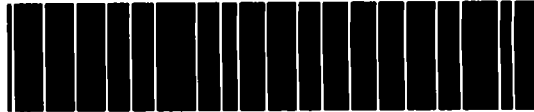
RECEIVED

DEC 20 1995

MINING LANDS BRANCH

Qual. # 2.5244

Prepared by: Paul Nielsen
Northwest Geophysics Ltd.



42A14SE0020 2.16316 MANN

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INTRODUCTION

The services of Northwest Geophysics Limited were retained by Falconbridge Limited to complete a linecutting and geophysical program on Grid 95-02, located in Mann Township within the Porcupine Mining Division, District of Cochrane, Northeastern, Ontario (Fig. 1).

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

Linecutting on the Mann Belt Project commenced on September 4, 1995 and was completed September 14, 1995. The geophysical program was completed between September 11, 1995 and September 25, 1995.

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

LOCATION AND ACCESS

Grid #95-02 is located in the north-west part of Mann Township, Porcupine Mining Division, District of Cochrane, Northeastern Ontario (Fig. 2).

Access to the property can be gained via Potter Road that extends west through Newmarket and Mann Township from Highway 11. Potter Road transects the north west part of the grid.

CLAIM GROUP

The claims which contain Grid 95-02 are as follows:

P-1200912 (3 units)
P-1200903 (12 units)
P-1200913 (4 units)

Refer to Figure 3, copied from MNDM Claim Map # G3537 Duff Township, scale 1:20,000.

PERSONNEL

Linecutting was completed by the following Northwest Geophysics personnel:

Francois Morin- Normetal, P.Q.

Robert Morin- Normetal, P.Q.

Daniel Mercier- Normetal, P.Q.

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

Mike Milani - Thunder Bay, Ontario

Dan McCollum - Thunder Bay, Ontario

The geophysical program was carried out under the direct supervision of Alfred Lambert. The plotting and computer compilation was completed by Paul Nielsen and Alfred Lambert of Northwest Geophysics Limited.

LINECUTTING PROGRAM

A detailed metric grid was first established across the property. All of the cross lines were chained at 25 meter station intervals. In all, a total of 11.5 Km. of grid lines were established across the property.

GEOPHYSICAL PROGRAM

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

The HLEM was completed on the cross lines only, the magnetic survey was carried out on grid lines as well as Baseline 0+00 and Tieline 10+00S.

MAGNETIC SURVEY

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

Linespacing	-100 meters
Station Record Interval	-12.5 meters
Diurnal Correction Method	-base station recorder
Base Station Record Interval	-30 sec reading interval
Unit Accuracy	- +/- 0.5 gammas
Reference Field	- 58,560 gammas
Datum Subtraction	- 59,000 gammas

The data was then corrected for diurnal variations, a base level of 59,000 gammas was removed from each reading, and the resultant data was plotted directly onto a vellum base map at a scale of 1:5,000. The data was then contoured at 200 gamma intervals wherever possible.

Copies of a contoured map, a map of reading postings, and a map of profiles are included in the back pocket of this report.

HLEM SURVEY

This survey was completed using the Apex Parametrics MaxMin I System. Specifications for this instrument can be found as Appendix B of this report.

The following parameters were kept constant throughout the survey period.

Linespacing	-100 meters
Reading Interval	-25 meters
Coil Separation	-150 meters
Theoretical Search Depth	-75 meters
Frequencies Recorded	-440 Hz, 1760Hz
Parameters Measured	-inphase and quadrature components of the secondary field
Unit Accuracy	- +/- 0.5%

The collected data was then plotted onto a vellum base map, one map for each frequency, at a scale of 1:5000. The data was then profiled at 1cm to 20% for 440 Hz. and 1cm to 40% for 1760 Hz. The conductor axis for each zone was located and placed directly on the base map. A copy of these base maps are included in the back pocket of this report.

SURVEY RESULTS

The Maxmin HLEM survey was successful in locating one definite and two possible E.M. anomalies designated 'A', 'B' and 'C'. Anomaly 'A' indicates a minimum strike length of 700m with the strongest part of the zone centred at L400E-450S. Interpreted depth is 43m and conductivity is 55mhos (1760 Hz), or depth of 15m and conductivity of >90 mhos (440 Hz). A weak anomaly 'B' indicated on the 1760 Hz frequency extends for a minimum of 400m centred at 600E-625S. Anomaly 'C' is indicated on the on the 1760 Hz. frequency centred at 500E-850S, with a minimum strike length of 300m. Depth and conductivity are not determinable due to the weak response.

The magnetic survey has indicated a significant 'break' between an area of low relief north of 450S and high magnetic relief south of 450S. Anomaly 'A' coincides directly with the transition between the two areas.

CONCLUSIONS AND RECOMMENDATIONS

The surveys were successful in locating a conductive zone that warrants a follow up program.

Anomaly 'A' coincides with a magnetic 'break' which may represent a major structural lineament or stratigraphic-

lithological change. The strongest part of the anomaly is on L500E and trends off the eastern part of the grid. Profile configuration indicates a near vertical dipping zone. The zone should be drill tested if a ground investigation does not indicate previous drilling.

CERTIFICATE

I, Paul E. Nielsen hereby certify that:

- I am a Canadian Citizen and reside at 170 Inglewood Crescent, Thunder Bay, Ontario, CANADA P7C 2E9.
- I have been actively engaged in base and precious metal exploration throughout Canada since 1974.
- I am a graduate of Lakehead University, Thunder Bay Ontario (HSc. Geology, 1974)
- I have no specific or special interest in the described property.

Signed in Thunder Bay,



PAUL NIELSEN
GEOLOGIST, BSc

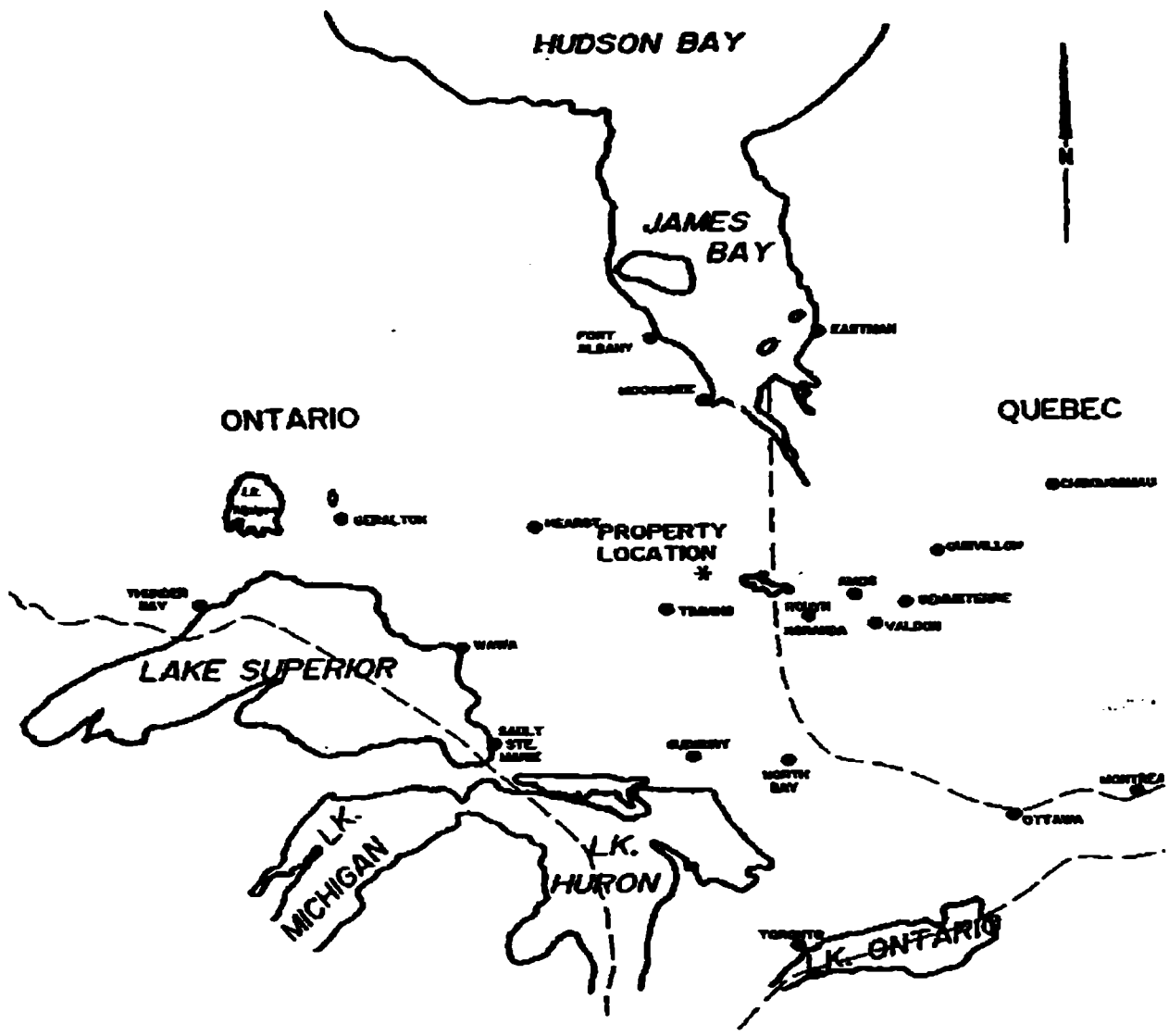
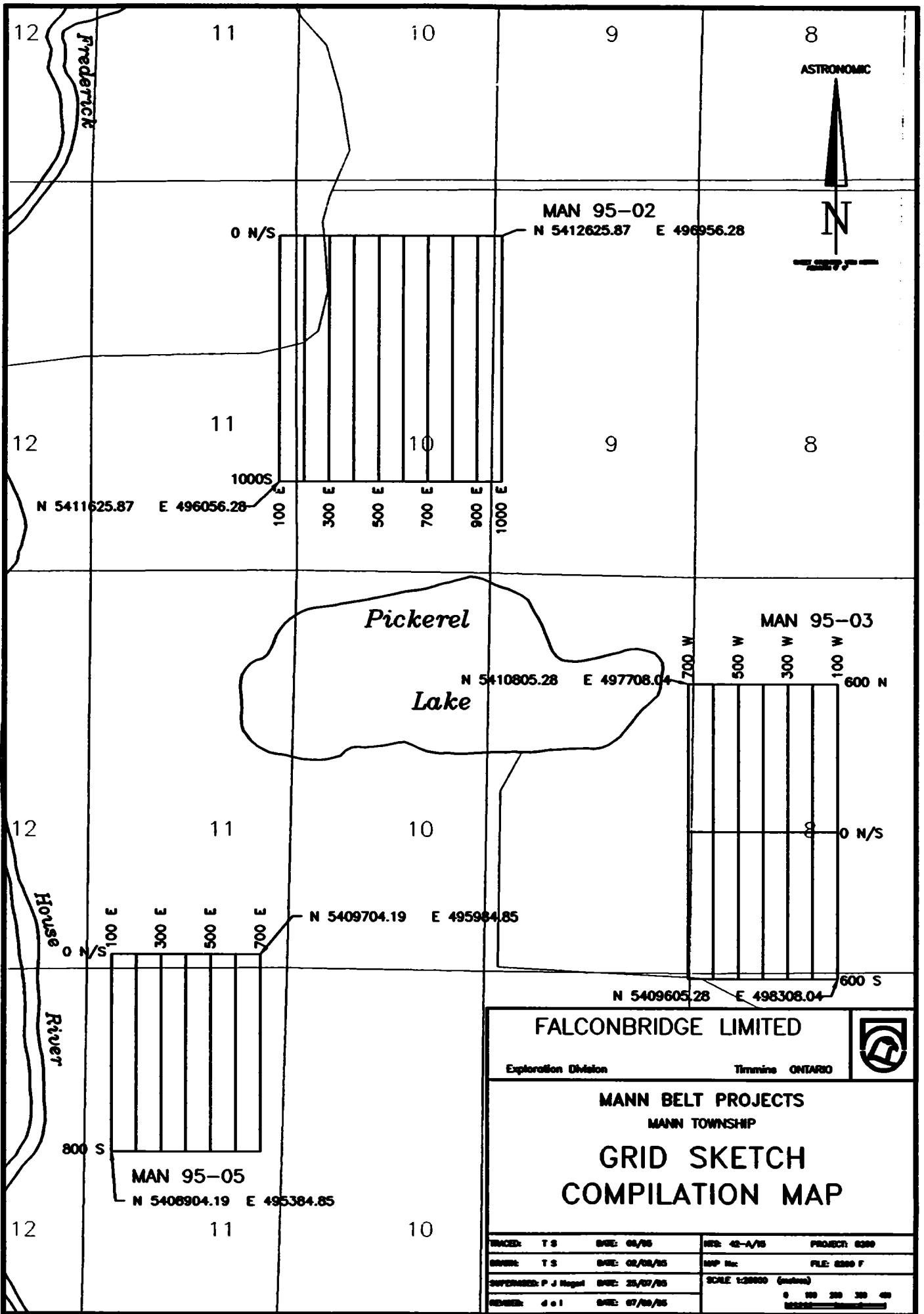


Fig. 1
 Location Map
 Mann Beit Project



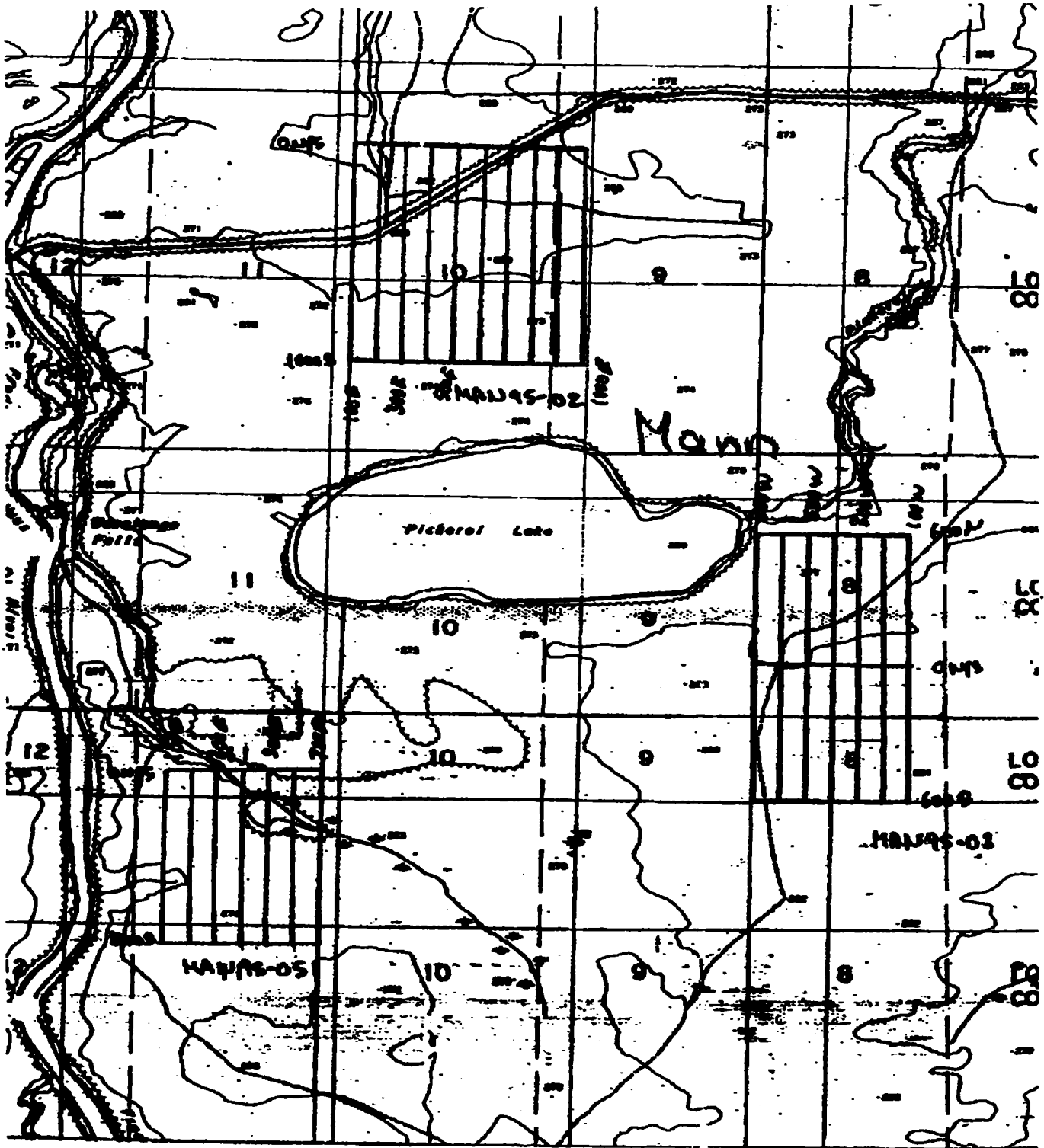


Fig. 2

Property Location Map
Grid I Jan 95-02,03,05

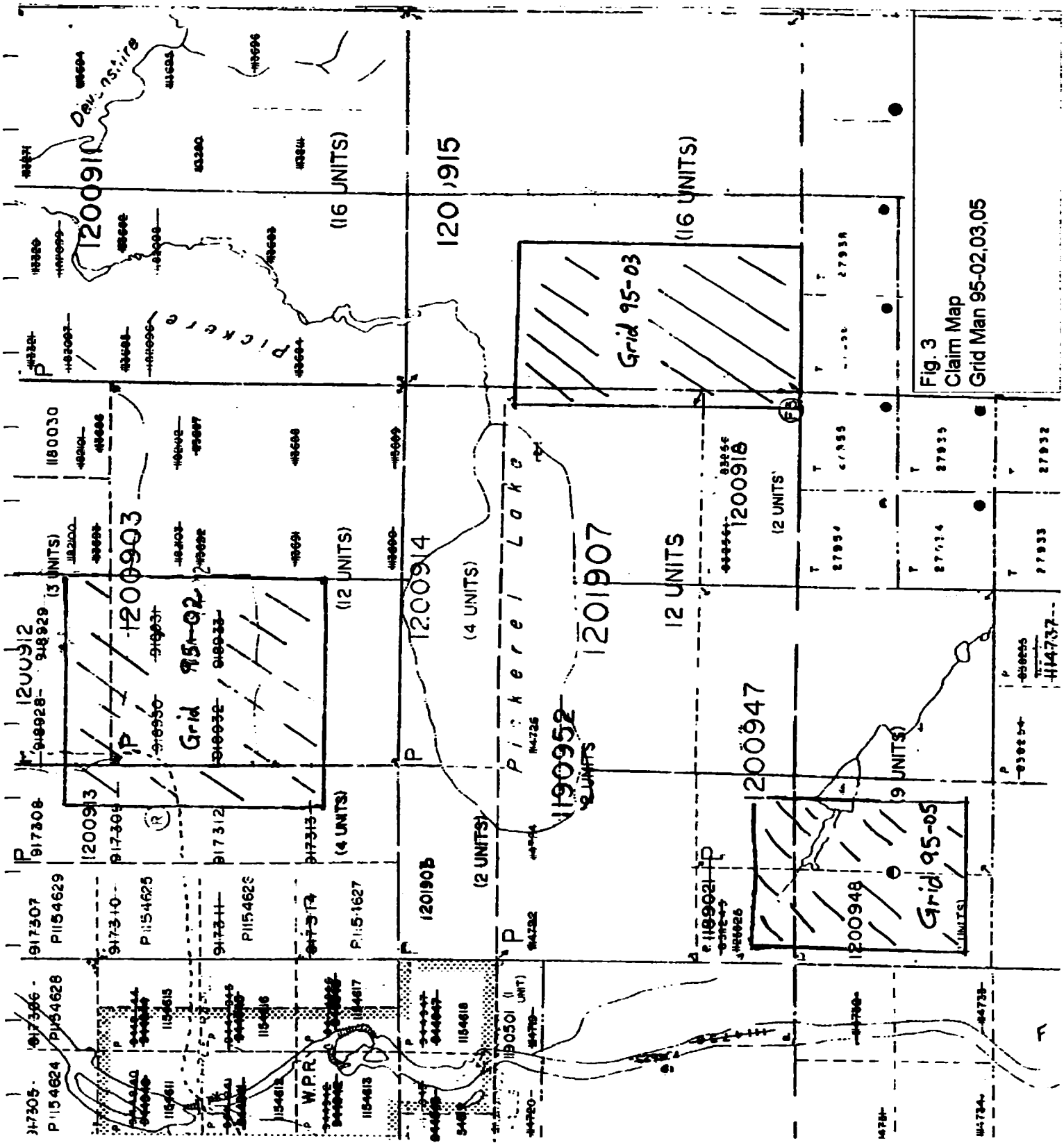


Fig. 3
 Claim Map
 Grid Man 95-02,03,05

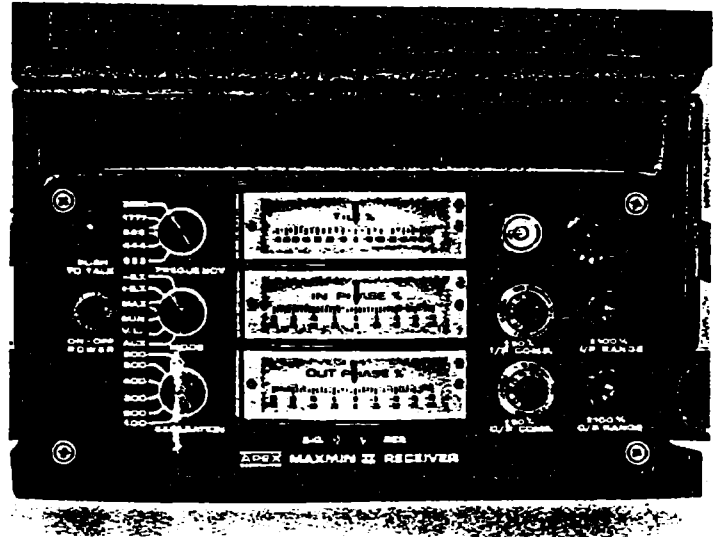
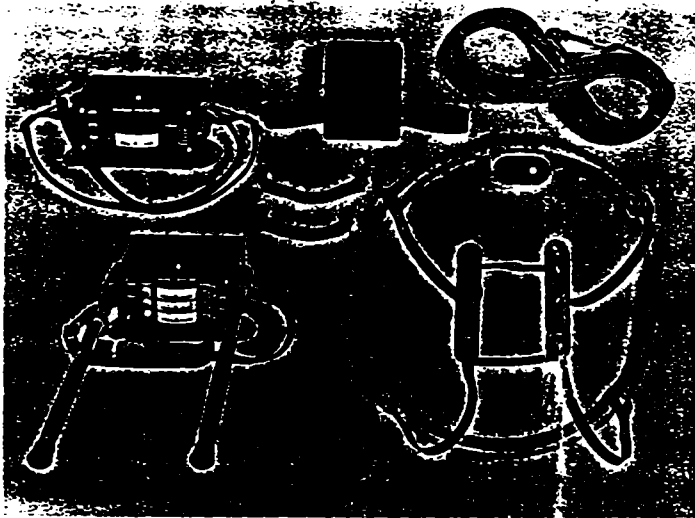
Specifications

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.
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°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 Toron
(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



SPECIFICATIONS :

- Frequencies:** 222, 444, 888, 1777 and 3555 Hz.
- Modes 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 & 250m (MMI) or 100, 200, 300, 400, 600 and 800 ft. (MMIF).
Coil separations in V.L. mode not restricted to fixed values.
- Parameters Read:**
- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
 - Tilt-angle of the total field in V.L. mode.
- Readouts:**
- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
 - Tilt angle and null in 50mm 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.
- Readability:**
- In-Phase and Quadrature:** 0.5 %.
 - Tilt:** 1%
- Repeatability:** $\pm 0.5\%$ to $\pm 1\%$ normally, depending on conditions, frequencies and coil separation used.
- Transmitter Output:**
- 222Hz : 175 Atm²
 - 444Hz : 160 Atm²
 - 888 Hz : 100 Atm²
 - 1777 Hz : 60 Atm²
 - 3555 Hz : 30 Atm²
- Receiver Batteries:** 9V trans. radio type batteries (4).
Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.
- Transmitter Batteries:** 12V 7.5Ah Gel-Cell rechargeable batteries (2 x 6V in series).
- Reference Cable:** Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.
- Voice Link:** Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.
- Indicator Lights:** Built-in signal and reference warning lights to indicate erroneous readings.
- Temperature Range:** -40°C to +60°C (-40°F to +140°F).
- Receiver Weight:** 6kg (13 lbs.)
- Transmitter Weight:** 13kg (29 lbs.)
- Shipping Weight:** Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.
- Specifications subject to change without notification.

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

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR

Work Conducted After Recording Claim Mining Act

Transaction Number
W19560.00448
SEE PAGE 2.

Personal information collected on this form is obtained under the authority of the Mining Act. This information should be directed to the Provincial Manager, Mining Land Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

- 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

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 MANN	M or G Plan No.
Date Work Performed From: September 4, 1995	To: September 25, 1995	

Work Performed (Check One Work Group Only)

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

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Total Assessment Work Claimed on the Attached Statement of Costs \$ 2097 7648

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
Nw Geophysics Ltd.	Box 3263 Thunder Bay Ont. P7B 5E8
Hillside Photo	66 Brousseau Ave. Timmins, Ont. P4N5Y2
Frank Renaudat Expl.	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 recorded holder.

Date	Recorded Holder or Agent (Signature)
Oct 10 '95	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

Telephone No.	Date	Certified By (Signature)
705) 267-1188	Oct. 10 '95	Paul Nagerl

Recorder Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
7648 \$8,097		undated Jay White	OCT 11 1995
	Deemed Approval Date	Date Approved	
	Jan. 9/96		
	Date Notice for Amendments Sent		

Stamp: OCT 11 1995
@10:20am (C) de
PORCUPINE MINING DIVISION



Report of Work Conducted After Recording Claim

Mining Act

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, ONTARIO P4N 7H9		Telephone No. (705) 267-1188
Mining Division PORCUPINE	Township/Area MANN	M or G Plan No.
Dates Work Performed From: September 4, 1995		To: September 25, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	LINE CUTTING, MAGNETIC + THEM SURVEYS
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

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MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ **449 (PART OF \$8,097 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
NORTHWEST GEOPHYSICS LTD.	Box 3263, THUNDER BAY, ONT. P7B 5E8

(attach a schedule if necessary)

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

I certify that the work was performed, the claims covered in this work report were 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 Petch
---	---------------------------	--

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, 571 MONETA AVE. TIMMINS, ONTARIO P4N 7H9		
Telephone No. (705) 267-1188	Date November 28, 1995	Certified By (Signature) Christine Petch

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
@11:15 (c) DE
PORCUPINE MINING DIVISION

2.16316

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1200912	3
	1200913	4
	1200903	12
	1200914	4
Total Number of Claims		3

Value of Assessment Work Done on this Claim	Value Applied to this Claim	
18.7	12001430	
66	505	
74.7%	4800	
5713	913	
Total Value Work Done		7648
Total Value with Ass'n.		6505 7648

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Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date	
913	230	
913	913	
Total Assigned		913
Total Reserve		1143

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.

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/leased land at the time the work was performed. Signature _____ Date _____

199560.00448



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

W9560.00448

SEE PAGE 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 NW Geophysics	641.50	
	Hillside Photo	80.00	
	F. Renaudat	20.00	651.50
Supplies Used Fournitures utilisées	Type Flagging	10.00	
	Hip Chain		
			10.00
Equipment Rental Location de matériel	Type TRUCK	41.90	
	ATV	41.25	
	GAS	400.00	123.15
Total Direct Costs Total des coûts directs			764.80

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		
2.163.16			
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Food and Lodging Nourriture et hébergement	DEC 20 1995		
Mobilization and Demobilization Mobilisation/dé- mobilisation	MINING LANDS BRANCH		
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
	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 PAUL NAGERL I am authorized
(Recorded Holder, Agent, Position in Company)

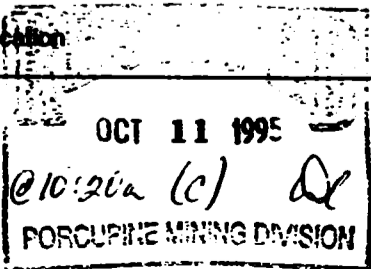
to make this certification

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 10 '95

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



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 NW GEE PHYSICS	449. ⁰⁵	
			449
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			449

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)			449

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

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

Certification Verifying Statement of Costs

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

that as CHRISTINE PETIT 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 <u>Christine Petit</u>	Date Nov 28/95
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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 21, 1995

Our File: 2.16316
Transaction #: W9560.00448

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.1200912 ET AL IN MANN TOWNSHIP**

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 21, 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

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

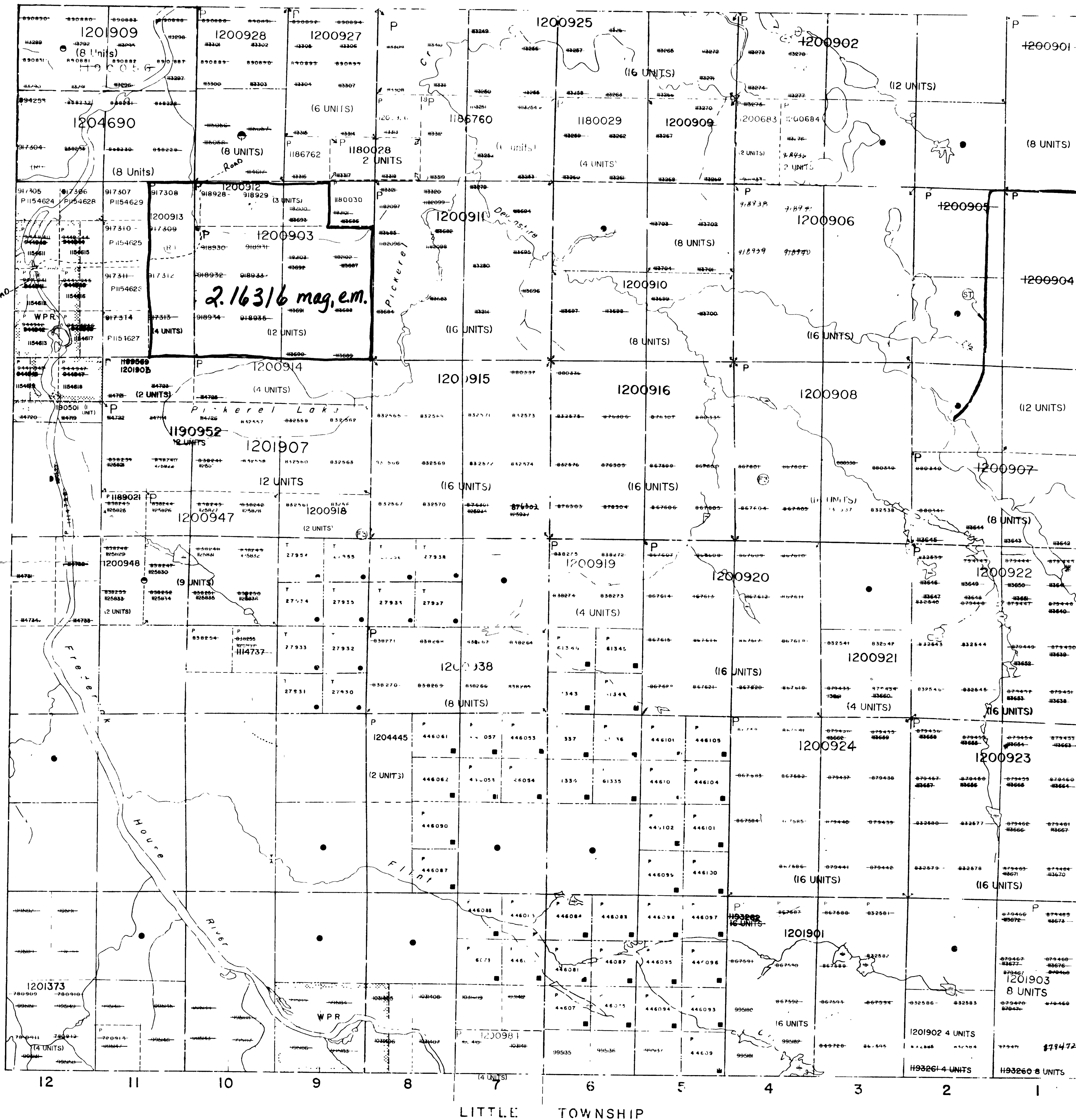
WATER POWER RESERVE

WD 87/87

MINING AND SURFACE RIGHTS WITHDRAWN UNDER SECTION 96 OF THE MINING ACT (OCTOBER 15, 1987) see file 894953

SURFACE AND MINING RIGHTS RE-OPENED TO PROSPECTING, STAMING OUT, SALE OR LEASE UNDER SECTION 96 OF THE MINING ACT (NOV. 1980) EFFECTIVE 90-SEP-08 AT 7AM EST. ORDER NO. C-9-4-90 NR DATED 90-AUG-22.

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

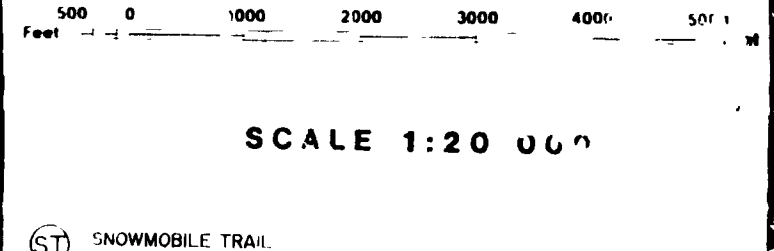


LEGEND

HIGHWAY ROUTE No.	---
TRAILS	---
TOWNSHIP, RANGE, ETC.	---
RAILWAY	---
RAILWAY AT RIGHT OF WAY	---
UTILITY LINES	---
NON-PERMANENT DAM	---
FLOODING OR FLOWING RIGHTS	---
SUBDIVISION OR COMPLETE PLAN	---
RESERVATIONS	---
ORIGINAL SHORELINE	---
PARISH OR MUSKOGEE	---
MINES	---
RAVERSE MONUMENT	---

DISPOSITION OF CROWN LAND

TYPE OF DOCUMENT	
PATENT SURFACE & MINING RIGHTS	---
- SURFACE RIGHTS ONLY	---
- MINING RIGHTS ONLY	---
LEASE, SURFACE & MINING RIGHTS	---
- SURFACE RIGHTS ONLY	---
- MINING RIGHTS ONLY	---
LICENCE OF OCCUPATION	---
ORDER IN COUNCIL	---
RESERVATION	---
CANCELLED	---
SAND & GRAVEL	---
LAND USE PERMIT	---
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913 VESTED IN ORIGINAL PATENTEE BY LANDS ACT R.S.O. 1970 CHAP. 380 SEC. 6. U.S.	



2.16316

DEC 13 1995

PORCUPINE MINING DIVISION

RECEIVED
DEC 20 1995
MINING LANDS BRANCH

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 1996

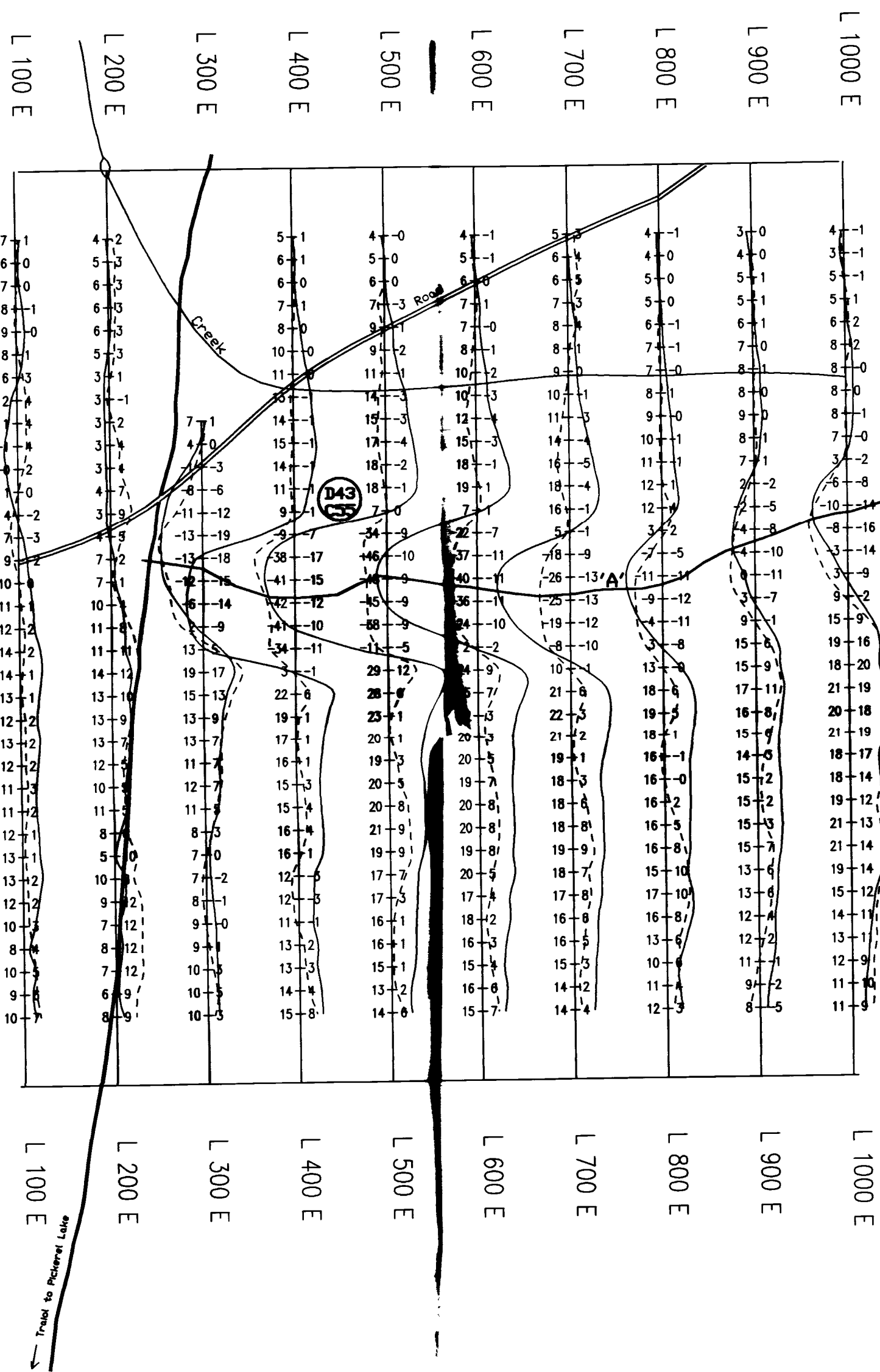
Number: **G-3537**

C-3537

MANN M.B.

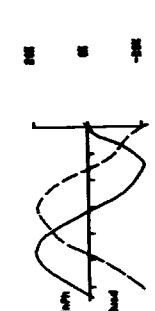
C-3537





Proj. 5.02
 Fri 15 Sep 1995 at 13:09 Normal Profile Centre of plot at 420.05 / 400.00 Serial # 190182 Registered User: NORTHWEST GEOPHYSICS LTD.

RECEIVED **2.16316**
 DEC 20 1995 Depth in metres
 MINING LANDS BRANCH Conductivity mhos
GRID MAN 95-02



Instrument : MARIIN
 Coil Spacing : 150m
 Vertical Scale: 1cm = 200
 Frequency : 440 Hz
 In Phase : 52
 Quadrature : 02

FALCONBRIDGE LIMITED	
HLEM SURVEY	
FREQ. 440 HERTZ	
PROJECT: MANN BELT	PROJECT #: 8269
BASELINE AZIMUTH: 90 Deg.	
SCALE = 1: 5000	DATE: 9/ 9/95
SURVEY BY: NWG	NTS: 42 A/14
NORTHWEST GEOPHYSICS LTD.	

