



42A08NW0041 2.15861 BRISTOL

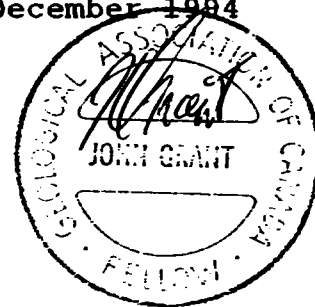
010

GEOPHYSICAL REPORT  
FOR  
TECK EXPLORATION LTD.  
ON THE  
BRISTOL/OGDEN PROPERTY  
BRISTOL AND OGDEN TOWNSHIPS  
PORCUPINE MINING DIVISION  
NORTHEASTERN, ONTARIO

2.15861

RECEIVED  
FEB 14 1995  
LATERAL BRANCH

Prepared by: J. C. Grant,  
CET, FGAC  
December 1994



2.3943

Anal-#



42A06NW0041 2.15861 BRISTOL

010C

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## INTRODUCTION

The services of Exsics Exploration Limited were retained by Teck Exploration Limited to cut a detailed metric grid across a block of claims located in Bristol and Ogden Townships of the Porcupine Mining Division in Timmins, Ontario.

The purpose of the program was to provide detail control for a planned Induced Polarization Survey and Total Field Magnetic Survey which would be completed on the property.

The initial linecutting phase of the program was completed by Mid November 1994.

Exsics Exploration Limited Services were further retained to complete a detailed, Total Field Magnetic survey over approximately one third of the cut grid which had not been covered in past programs. The claims covered by the magnetic survey have been outlined on Figure 3 of the report.

## PROPERTY LOCATION AND ACCESS

The Teck property is located in the east central and southeast central section of Bristol Township which is located approximately 11 kilometers southwest of the City of Timmins. Figures 1 and 2.

Access to the property is ideal. Highway 101 west crosses the entire claim group in a southwest direction providing easy access to the northern half of the group. A series of ingress secondary gravel roads provide 2 wheel and 4 wheel drive access to the northwest section, south central and southeast sections of the grid. Figure 2.

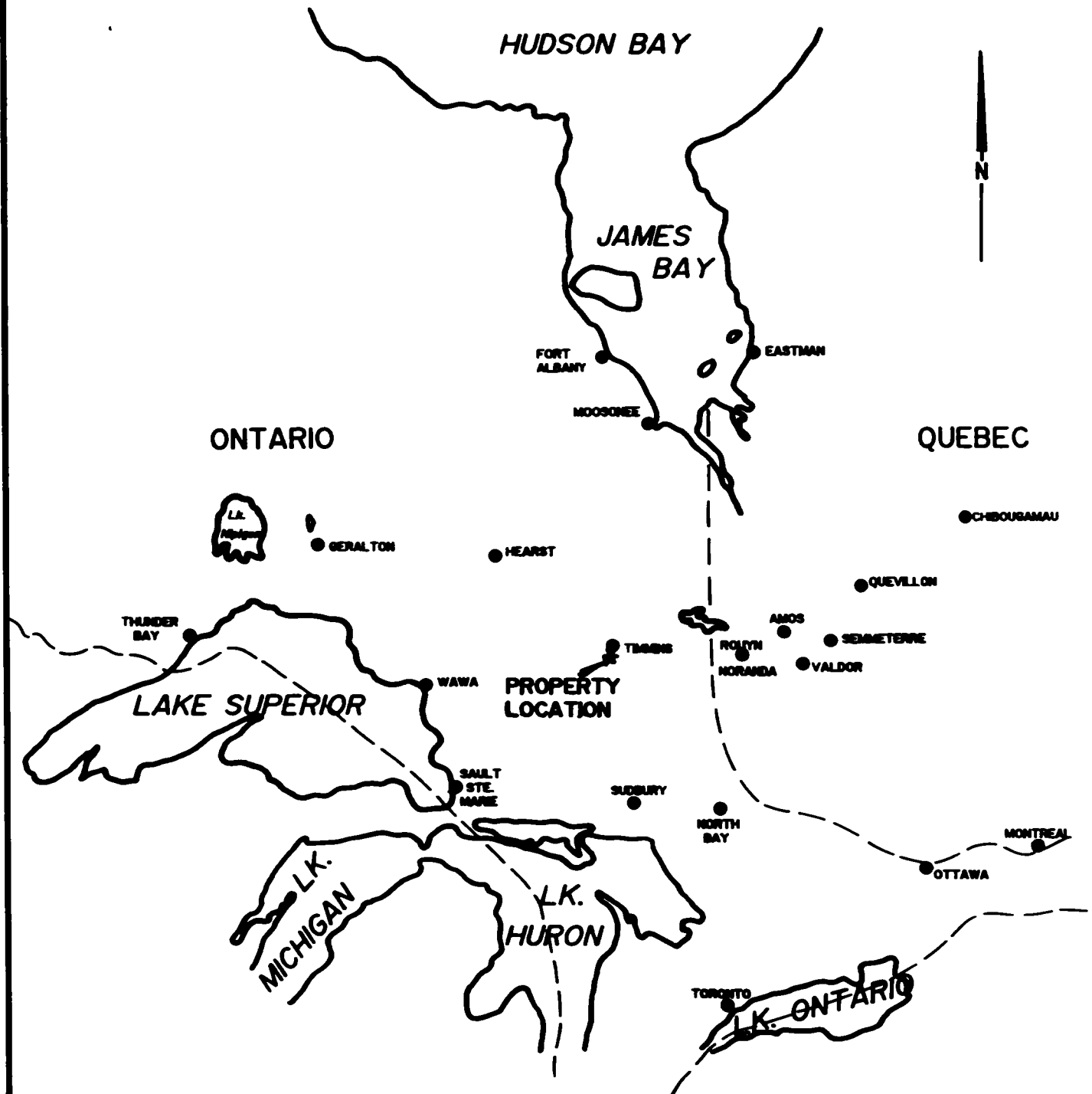
## CLAIM GROUP


The claim numbers which make up the Teck property in Bristol and Ogden Township have been outlined on Figure 3 which has been completed from MNDM Plan Map G-3998 Bristol and G-3979 Ogden claim Maps, Scale 1:20000.

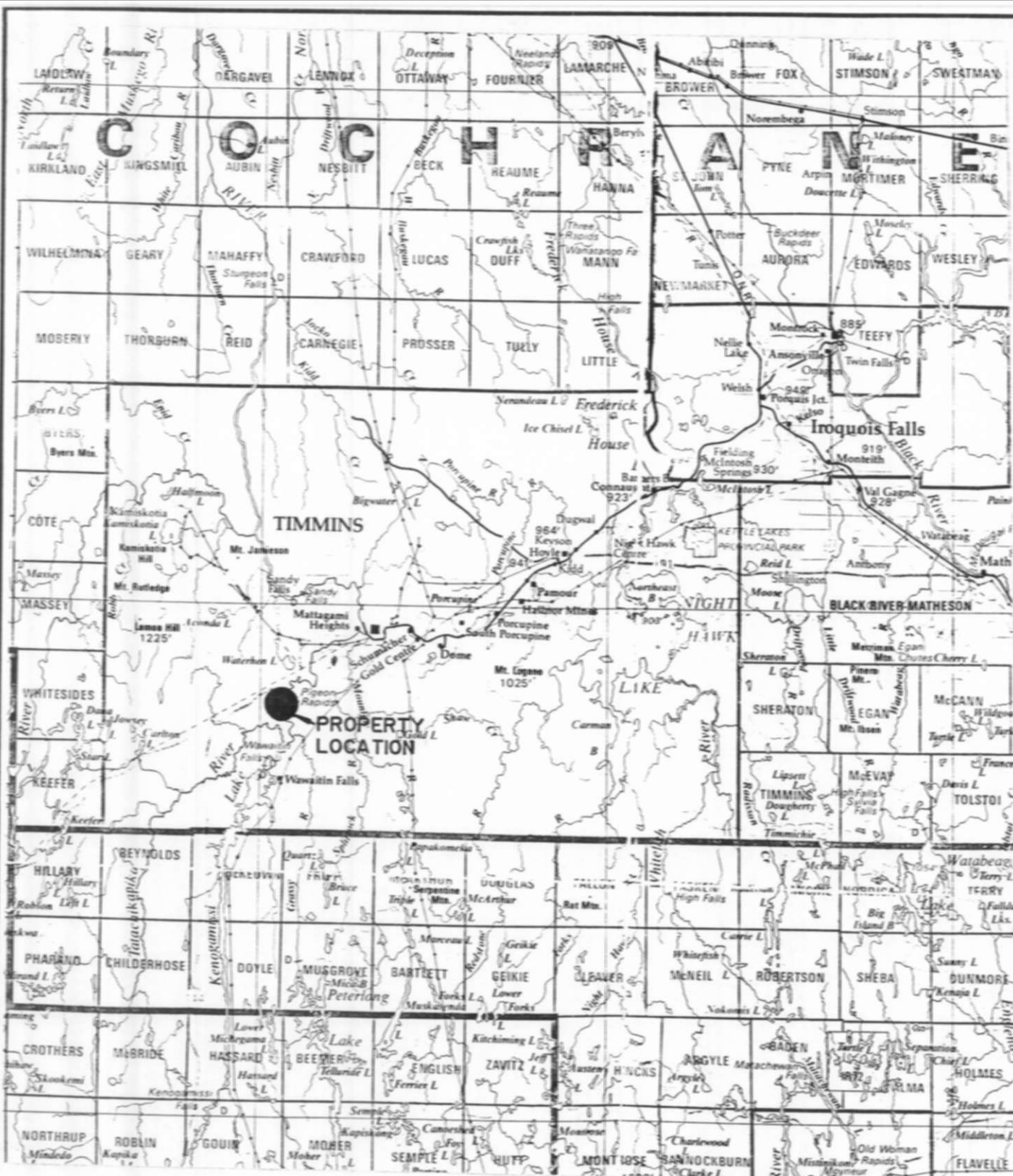
## LINECUTTING PROGRAM

The linecutting program was initiated from a central point on the existing north-south grid. The new L100ME/BL was turned off from existing line 2900MW/BL, with transit and cut to the east and west limits of the property. Line 0+00 was also cut with transit control and cut to the north and south limits of the property. Tie lines 1000MN and 1000MS were also turned off of L0+00 with transit and cut to the east and west limits of the property.

Crosslines were then turned off of the baseline at 100 meter intervals and cut and chained at 25 meter intervals to the north and south limits of the property. In all, a total of 230.35 Km of grid lines were established over the property.



		
<b>EXSICS EXPLORATION LTD.</b> P.O. Box 1800, P4N-7X1 Suite 13, Millinger Bldg, Timmins Ont. Telephone: 705-267-4551		
CLIENT: <b>TECK EXPLORATION LTD.</b>		
PROPERTY: <b>BRISTOL TWP. PROPERTY</b>		
TITLE: <b>LOCATION MAP</b>		
Fig. 1		
Date: <b>Nov. 1994</b>	Scale: <b>1"=125miles</b>	NTS:
Drawn: <b>P. G.</b>	Interp: <b>J.C. Grant</b>	Job No. <b>E-76</b>



**EXSICS EXPLORATION LTD.**

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

CLIENT: **TECK EXPLORATION LTD.**

PROPERTY: **BRISTOL TWP. PROPERTY**

TITLE: **PROPERTY LOCATION**

Fig. 2

Date: **Nov. 1994**

Scale: **1:600,000**

NTS:

Drawn:

Interp: **J.C. Grant**

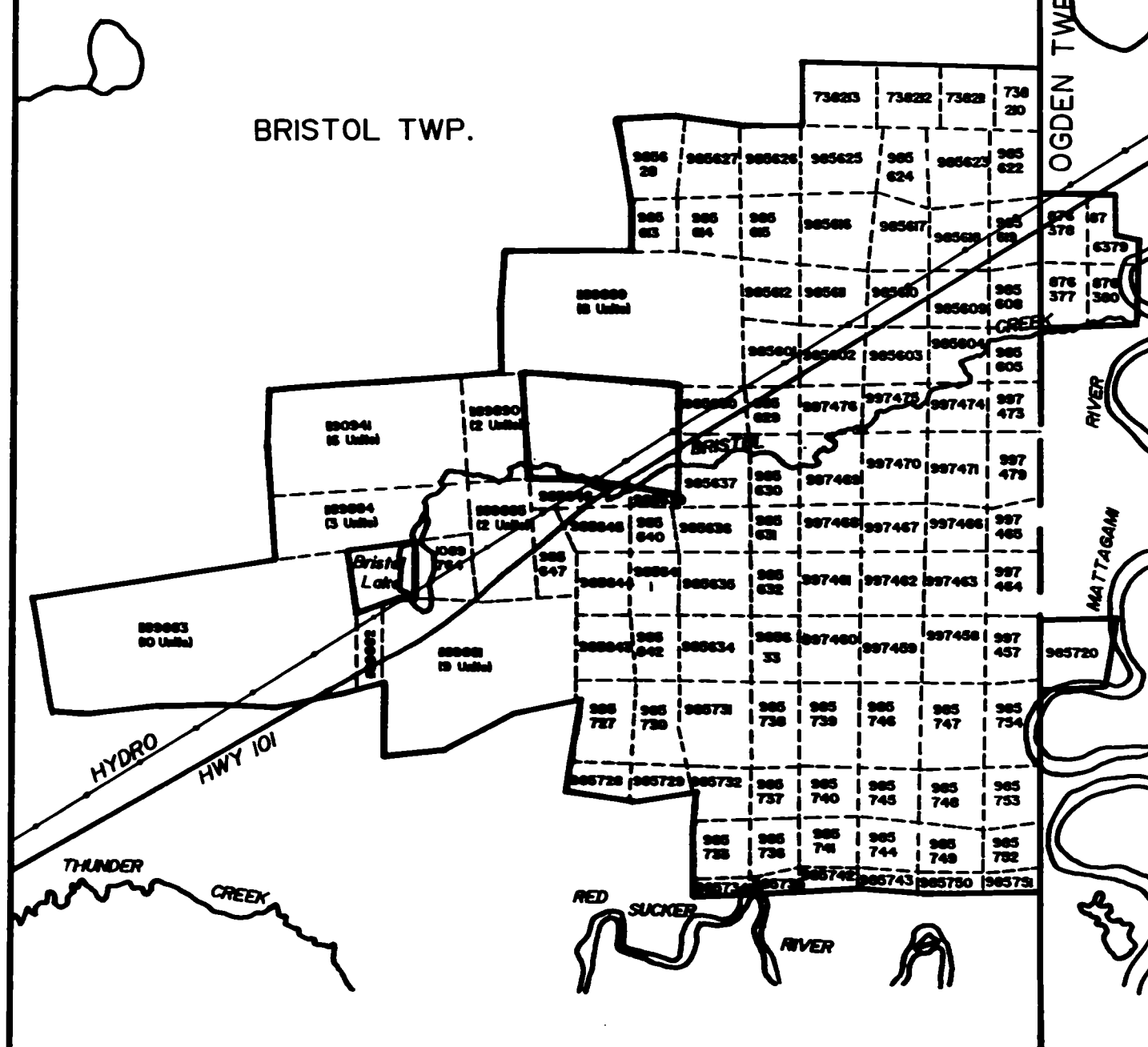
Job No. **E-76**


GODFREY TWP.

BRISTOL TWP.

WATERHEN LAKE

OGDEN TWP.



	<b>EXSICS EXPLORATION LTD.</b> P.O. Box 1888, P4B-7X1 Suite 13, Mulligan Bldg, Timmins Ont. Telephone: 705-267-4511	
	CLIENT: <b>TECK EXPLORATION LTD.</b>	
PROPERTY: <b>BRISTOL TWP. PROPERTY</b>		
TITLE: <b>CLAIM SKETCH</b>		
<b>Fig. 3</b>		
Date: <b>Nov. 1994</b>	Scale: <b>1:20,000</b>	NTS:
Drawn: <b>P.G.</b>	Interp: <b>J.C. Grant</b>	Job No. <b>E-76</b>

## GEOPHYSICAL PROGRAM

This program consisted of a Total Field Magnetic survey being completed over the west and north central section of the cut grid. The program was completed using the EDA OMNI IV system. Specifications for this system can be found under Appendix A of this report. In all, a total of 80.35 Km of surveys were completed.

The following parameters were kept constant throughout the survey.

Field Unit:	-EDA OMNI IV
Base Station:	-EDA OMNI Plus
Base Station Recording Interval:	-30 seconds
Base Station Location:	-L700MW/0+40MS
Reference Field:	-58,390 gammas
Datum Subtract:	-57,500 gammas
Unit Accuracy:	-+/- 0.5 gamma
Contour interval:	-10 gamma
Line spacing:	-100 meters
Field Record Interval:	-12.5 meters

The collected data was merged with the base station data and corrected. The corrected data then had a base level of 57,500 gammas removed for ease in plotting. This data was then plotted onto a base map at a scale of 1:5000 and contoured at 10 gamma interval wherever possible.

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

A base map showing structural trends interpreted from the magnetics is also included in the back pocket of this report.

## PERSONNEL

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

John C. Grant.	Timmins, Ontario
Pat Atkinson	Timmins, Ontario

The data compilation and plotting was completed by P. Gauthier. The interpretation was completed by J.C. Grant.

The linecutting program began in September 1994 with all magnetic surveys being completed and plotted by December 3, 1994.

## SURVEY RESULTS

The magnetic survey was successful in locating and outlining the structural characteristics of the property.

The most predominant features outlined on the grid was a series of quartz diabase dikes generally striking north-south to northwest-southeast across the property. These dikes appear to pinch and swell as well as cross each other in several incidents on the property. The increase in magnetic signature, usually as isolated bullseyes or elongated thumb prints along the strike of these dike suggest a thinning in the overburden layering.

Two fault structures appear to strike into the property. The first suspected zone strikes east to southeast from Line 3600MW/1700MN to 3400MW to 3100MW at 1400MN and 1200MN. It generally relates to a moderate magnetic low. It also appears to disrupt the strike of the diabase dikes as bulging in the dike is evident as the fault crosses it. A second fault zone may be evident on lines 0+00 and 100MW at 1500 MS. This, again, is represented by a moderate magnetic low.

The magnetic survey appears to have outlined the grid limits of a drill indicated Quartz-Feldspar Porphyry. The unit has a magnetic signature of 850-900 gammas. This porphyry outline has been interpreted on the compilation map included in the back pocket of this report.

The remainder of the property appears to be comprised of sediments which have flowed in and around the porphyry. The western and northern portion of the grid has been mapped as pillowed to massive volcanics which again appears to have been intruded by various thicknesses of sediments. Refer to Department of Mines Geology Map #1957-7 Bristol Township, scale 1"=1000 ft.

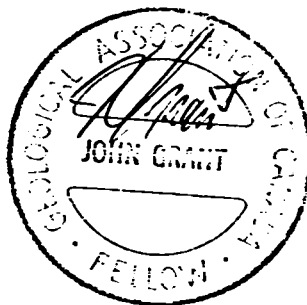
#### CONCLUSIONS AND RECOMMENDATIONS

The magnetic survey was successful in locating the expected structural geology of the grid. The main area of interest would be the suspected Quartz-Feldspar Porphyry intrusive unit. At this writing, an Induced Polarization survey is in progress across the property.

The magnetic results should be correlated to all IP results to aid in the location of a follow-up diamond drill program.

Respectfully Submitted,

John C. Grant. CET, FGAC



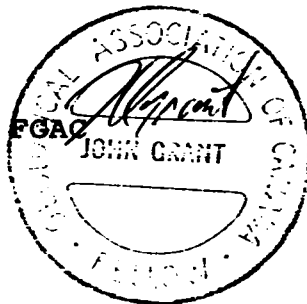


CERTIFICATE

I, John C. Grant, hereby certify that:

- 1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury, Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited (5 years), North Bay office, and as Exploration Manager and Geophysicist for Exsics Exploration Limited from 1980 to present.
- 2) I am a Member of the Certified Engineering Technologist Association since 1984.
- 3) I am a member of the Geological Association of Canada.
- 4) I have been actively engaged in my profession for the last seventeen (17) 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**

# IP-6 Six Dipole Time Domain IP Receiver



## Major Benefits

- ~~Six~~<sup>4</sup> Dipoles Simultaneously Measured
- Ten Windows Available
- Choice of Arithmetic or Logarithmic Window Width
- Programmable Arithmetic Window Width
- High Input Voltage
- Weighs Only 8.5 kg.
- User Friendly

## Specifications

Dipoles .....	4 <del>8</del> simultaneous input dipoles.
Input Voltage (Vp) Range .....	Standard: — 8 volt maximum for each dipole — maximum sum of 12 volts from the second to the sixth dipole.  Additional Setting: — attenuation of up to 40 volts on the first dipole.
Input Voltage Protection .....	Up to 1000 volts.
Vp Resolution .....	1 microvolt.
Vp Accuracy .....	0.3% typical; maximum 1% over temperature range.
Chargeability Resolution .....	1 millivolt/volt for Vp greater than 10 millivolts. 0.1 millivolt/volt for Vp greater than 100 millivolts.
Chargeability Accuracy .....	0.6% typical; maximum 2% for Vp greater than 10 millivolts over temperature range.
Automatic SP Compensation .....	± 1 volt with linear drift correction up to 1 millivolt/second.
Input Impedance .....	10 megohm.
Sample Rate .....	10 milliseconds.
Automatic Stacking .....	1 to 999 cycles.
Synchronization .....	Minimum primary voltage level of 40 microvolts.
Rejection Filters .....	50 and 60 Hz power line rejection greater than 100 dB.
Grounding Resistance Check .....	0.1 to 128 kilo-ohms.
Compatible Transmitters .....	Any time domain waveform transmitter with a pulse duration of 1, 2, 4 or 8 seconds and a crystal timing stability of 100 ppm.
Programmable Parameters .....	Geometric parameters, time parameter, intensity of current, type of array, line and station number, dipole length, window width and delay time (mode 2).
Display .....	Two-line, 40-character alphanumeric liquid crystal display protected by an internal heater for low temperature conditions.
Memory Capacity .....	1800 sets of readings.
RS-232C Serial I/O Interface .....	300 to 19,200 baud rate; 7 or 8 data bits; 1 or 2 stop bits; odd, even, no parity.
Console Power Supply .....	Six - 1.5V "D" cell alkaline batteries with auto power save feature; 20 hours of operation at 20°C.
Operating Environmental Range .....	-40°C to +60°C; 0 to 100% relative humidity; weatherproof.
Weight and Dimensions .....	8.5 kg. (with batteries), 300 x 200 x 240 mm.
Standard System Complement .....	Instrument console with carrying strap, batteries, data transfer cable and operations manual.
Displayed Parameters .....	Primary voltage, partial and total decimalized chargeabilities, running and cumulative average of total chargeabilities (in fixed modes), standard deviation of primary voltage and total chargeability, self potential, number of cycles, dipole being measured and contact resistance.
Available Options .....	Stainless steel transmitting electrodes, copper sulphate receiving electrodes, alligator clips, bridge leads, multi dipole wire cable, wire spools and software programs.

EDA Instruments Inc.  
4 Thorncliffe Park Drive  
Toronto, Ontario  
Canada M4H 1H1  
Telex: 06 23222 EDA TOR  
Cable: EDAINSTRMITS TORONTO  
Telephone: (416) 425 7800  
Fax: (416) 425 8135

In USA  
EDA Instruments Inc.  
9200 E. Mineral Avenue  
Suite 370  
Englewood, Colorado, U.S.A. 80112  
Telephone: (303) 790 2541  
Fax: (303) 790 2902



# Report of Work Conducted After Recording Claim

## Mining Act

Transaction Number

W9460.00279

2.15861



42A06NW0041 2.15861 BRISTOL

900

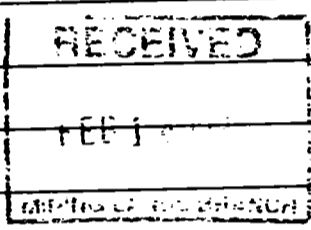
Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar 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 the Recorder.
  - A separate copy of this form must be completed.
  - Technical reports and maps must accompany.
  - A sketch, showing the claims the work is assigned to, must be submitted.

Recorded Holder(s) <b>Teck Corporation</b>		Client No. <b>200408</b>
Address <b>R.R. #5, 19 Legault Street, North Bay, Ontario P1B 8Z4</b>		Telephone No. <b>705-474-5500</b>
Mining Division <b>Porcupine</b>	Township/Area <b>Bristol and Ogden Townships</b>	M or G Plan No. <b>G3998 + G3979</b>
Dates Work Performed From: <b>September 1994</b>		To: <b>December 1994</b>

**Work Performed (Check One Work Group Only)**

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Line Cutting and Ground Total Field Magnetic Survey
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 27,387.00

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

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

Name	Address
<b>Exsics Exploration Ltd. (John Grant)</b>	<b>P.O. Box 1880, Timmins, Ontario P4N 7X1</b>

(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 <b>Dec 16, 94</b>	Recorded Holder or Agent (Signature)
--	---------------------------	--------------------------------------

**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 <b>J. Janzen, R.R. #5, 19 Legault Street, North Bay, Ontario P1B 8Z4</b>		
Telephone No. <b>705-474-5500</b>	Date <b>Dec 16, 94</b>	Certified By (Signature) 

**For Office Use Only**

Total Value Cr. Recorded <b>27,387.</b>	Date Recorded	Mining Recorder <i>Sandy [unclear]</i> Signed but not dated	Received 
Deemed Approval Date <b>Mar 19/95</b>	Date Approved	Date Notice for Amendments Sent	<b>DEC 19 1994</b> 11:50 AM PORCUPINE MINING DIVISION





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

**W 9460.00279**

**2.15861**

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

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

**1. Direct Costs/Coûts directs**

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Line cutting	20,196	
	Ground Magnetics	7,191	
			<b>27,387</b>
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs Total des coûts directs</b>			<b>27,387</b>

**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			
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
<b>Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)</b>			<b>27,387</b>
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:

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 Project Geologist I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certification

**Attestation de l'état des coûts** **DEC 19 1994**

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que les 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
	Dec 16, 94

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



**EXSICS EXPLORATION LIMITED**  
CONTRACTING & CONSULTING GEOPHYSICS

Tel. (705) 267-4151  
Fax (705) 264-5780

P.O. Box 1880  
Timmins, Ontario P4N7X1

Teck Explorations Ltd.  
19 Legault Street RR#5  
North Bay, Ontario  
P1B 8Z4

**2.158 6 1**

**ATTENTION: Maurice Houle**

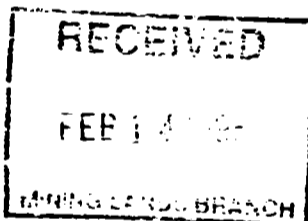
Dear Maurice:

Mag Survey Days for Bristol Property.

Nov 7, 1994	2 man days
Nov 15, 1994	1 man day
Nov 17, 1994	2 man days
Nov 22, 1994	2 man days
Nov 23, 1994	2 man days
Nov 24, 25, 28, 29, 30	1 man day/day
Dec 1, 1994	1 man day
Dec 2, 1994	1 man day

Linecutting Contract for Bristol

Commencement Date:	Aug 29, 1994
Completion Date:	Nov 25, 1994







# TECK EXPLORATION LTD.

R.R. #5, 19 Legault Street, North Bay, Ontario  
PIB 8Z4

*ls*

Telephone # 705-474-5500  
Fax # 705-474-4053

## TELECOPIER MESSAGE

2.158 0 1

DATE: JAN 18/95  
 TO: CELIA (MINING RECORDER)  
 FROM: MAURICE Y. HOLE  
 SUBJECT: CLAIM ASSESSMENT REPORT (MAG-GEOPHYSICS)  
 DATES OF WORK

NO. OF PAGES (including this page): 2 NORTH BAY OPERATOR \_\_\_\_\_

THE WORK DATES YOU REQUESTED  
 FOR GRAND GEOPHYSICS, LIVECUTTING ON  
 OUR BRISTOL PROPERTY FILING IS AS  
 FOLLOWS:

EXSICS (EXPLORATION) LTD CONDUCTED  
 THE WORK FROM AUG 29/94  
 TO ~~NOV~~ DEC 2/1994

SEE ATTACHED WORK SUMMARY ; NEXT PAGE

RECEIVED  
 FEB 1 1995  
 BRISTOL BRANCH

JAN 18 1995

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

Our File: 2.15861

Transaction #: W9460.00279

February 17, 1995

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

Dear Mr. White:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS  
P1189881 et al. IN BRISTOL & OGDEN TOWNSHIPS**

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

The approval date is February 16, 1995.

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

ORIGINAL SIGNED BY:



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

SBB/jl

Enclosure:

cc: Resident Geologist  
Timmins, Ontario

 Assessment Files Library  
Sudbury, Ontario

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary	Railroad
International	Single Track
District, Township	Double Track
Indian Reserve	Abandoned
Approach	Unusable
Lot, Concession	Road
Approach	Municipal, County
Park Boundary	Township
Bridge	Access (road of doubtful significance)
Road, Railroad	Trail, Base Road (service street)
Building	Tram, Base Road (service street)
Chimney	Rapids
Cliff, Pit, Pile	Double line river with multiple rapids
Contours	Interpretation
Interpretation	Approximate
Approximate	Reservoir
Depression	River, Stream, Canal
Control Points	Approximate
Horizontal	Approximate
Vertical	Approximate
Culvert	Lock
Falls	Flooded Land
Double line river	Lock
Fence, Hedge, Wall	Marsh or Swamp
Feature Outline	Moor
(Concentration features, etc.)	Mine Head Frame
	Outcrop
	Spot Elevation
	Tower
	Transmission Line
	Utility Poles
	Wharf, Dock, Pier
	Wooded Area

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS
Disposition Order No. Date Disposition File
S.R.O. 164504

MINING AND SURFACE RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE, SECTION 34 OF THE MINING ACT (R.S.O. 1990) ORDER NO. W-88706 WR DATED 06-OCT-90.

MINING AND SURFACE RIGHTS RE-OPENED TO PROSPECTING, STAKING, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT (R.S.O. 1990) ORDER NO. O-P-22/92 NER DATED 02-AUG-92 (CLAIM NOS. P-45154 TO P-45158 INCL. P-45399, P-45400, P-47953 TO P-47956 INCL. AND P-48095 TO P-48097 INCL.)

MINING AND SURFACE RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE, SECTION 34 OF THE MINING ACT (R.S.O. 1990) ORDER NO. W-80706 WR DATED 06-MAY-90.

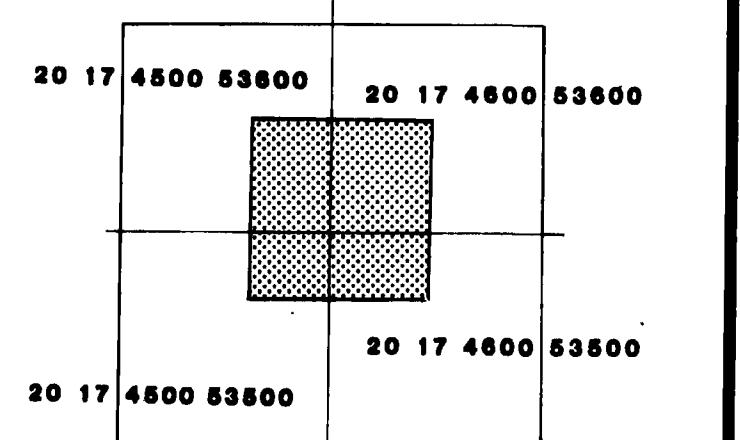
THIS TWP. SUBJECT TO FOREST ACTIVITY IN 1992/93. FURTHER INFORMATION AVAILABLE ON FILE.

MINING AND SURFACE RIGHTS RE-OPENED TO PROSPECTING, STAKING, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT (R.S.O. 1990) ORDER NO. O-P-24/95 NER DATED 02-SEP-95 AT 7:00 AM EST. (CLAIM NOS. P-28856 TO P-28872 INCL. AND P-28880 TO P-28882 INCL.)

MINING AND SURFACE RIGHTS RE-OPENED TO PROSPECTING, STAKING, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT (R.S.O. 1990) ORDER NO. O-P-25/95 NER DATED 02-SEP-95 AT 7:00 AM EST. (CLAIM NOS. P-48038 TO P-48039 INCL. AND P-48038 INCL.)

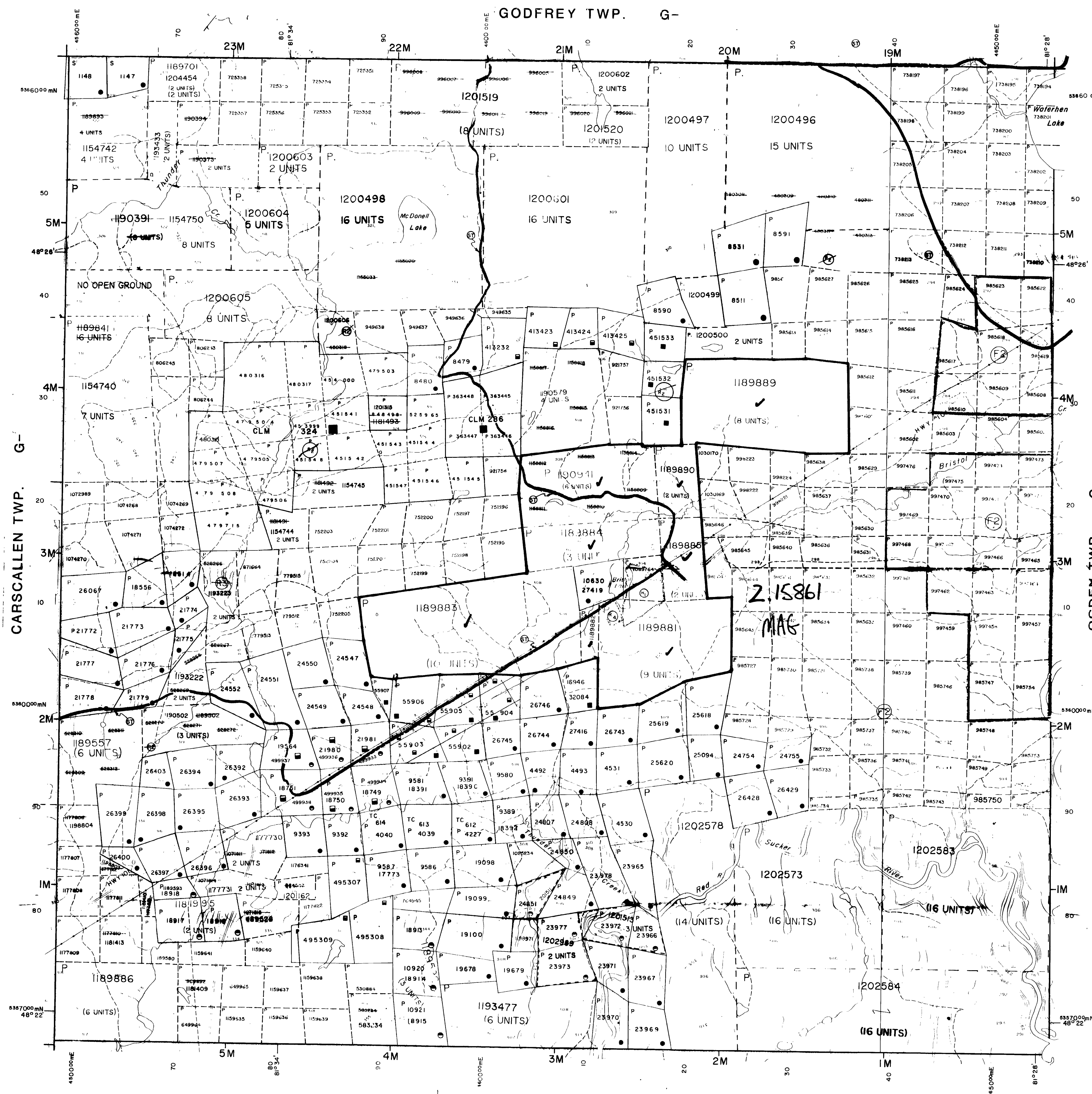
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

KEY PLAN For O.B.M. Map



not to scale

GODFREY TWP. G-



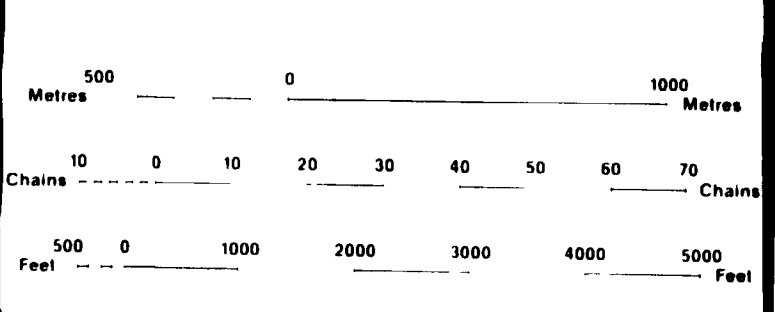
LEGEND

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 PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63 SUBSEC. 1.



SCALE 1:20 000 ZONE 17

APPLICATION PENDING UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 02-DEC-21 UNDEVELOPED TRAILS

APPLICATION FOR CROWN LAND UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 02-DEC-21 COB EXCAVATION TOP SOIL HOLDING STORAGE ETC...

RECEIVED  
FEB 14 1995  
MINING LANDS BRANCH

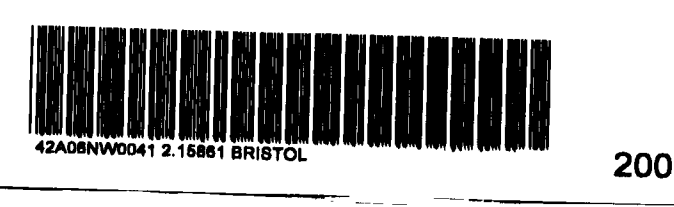
B. 15861

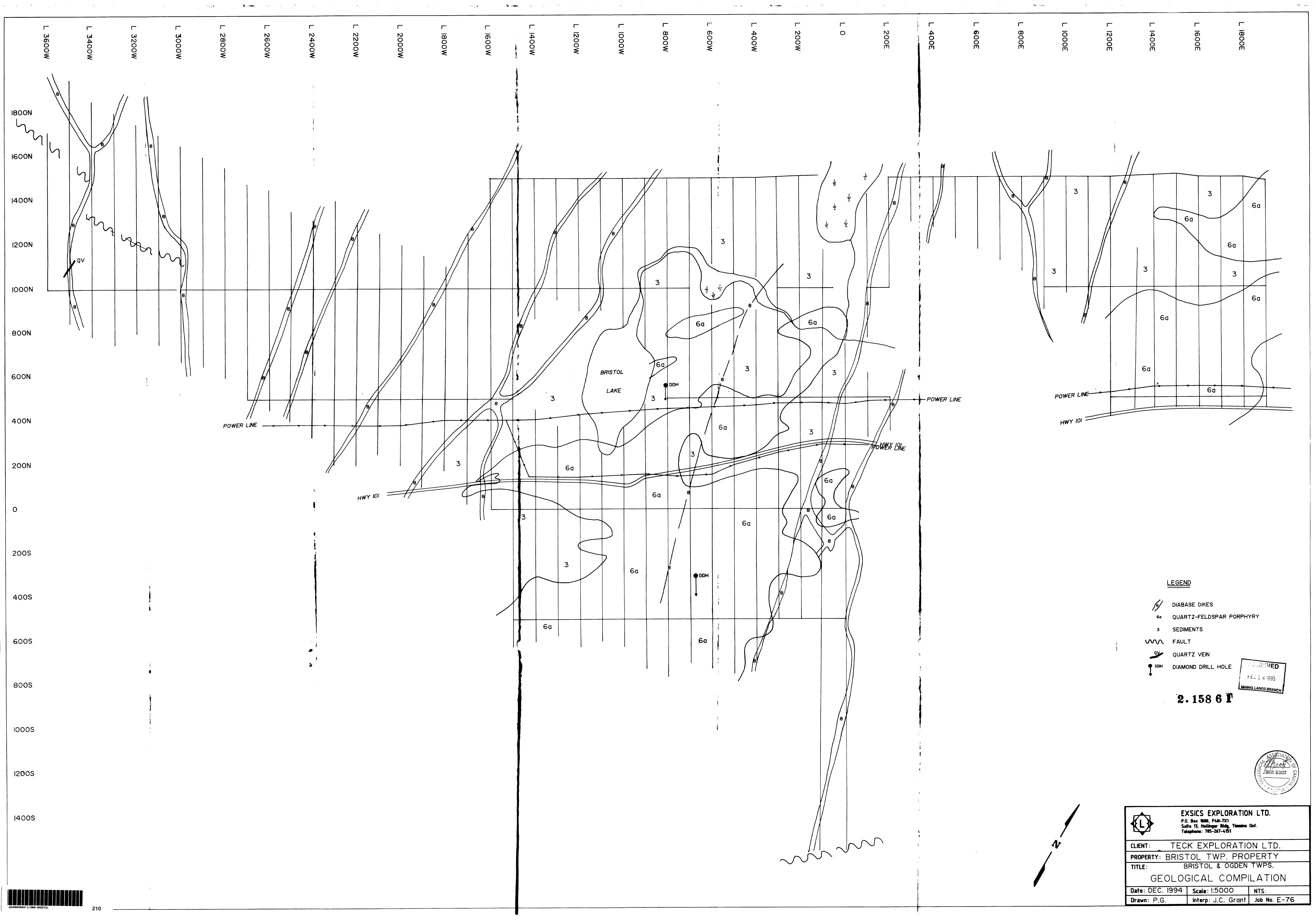
THIS TWP. SUBJECT TO FOREST ACTIVITY IN 1994/95 FURTHER INFORMATION AVAILABLE ON FILE.

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

Ministry of Natural Resources  
Land Management Branch

ORIGINAL COMPILATION: JULY 1984  
ACTIVATED: JULY 5, 1992 BY D.C.  
REVISED: [blank]  
CHECKED BY: G.W.  
Number: **G-3998**



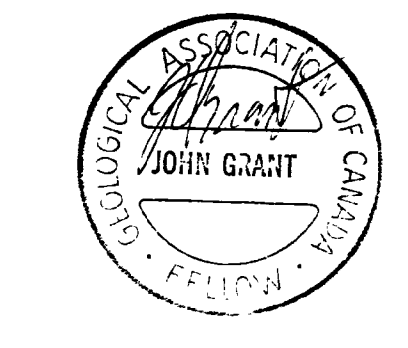


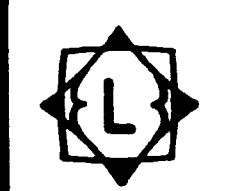
**LEGEND**

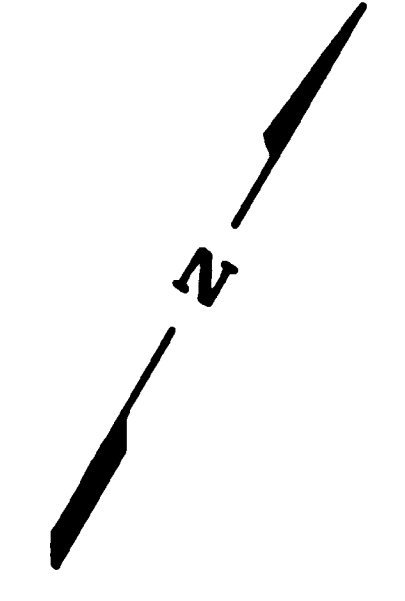
- DIABASE DIKES
- QUARTZ-FELDSPAR PORPHYRY
- SEDIMENTS
- FAULT
- QUARTZ VEIN
- DIAMOND DRILL HOLE

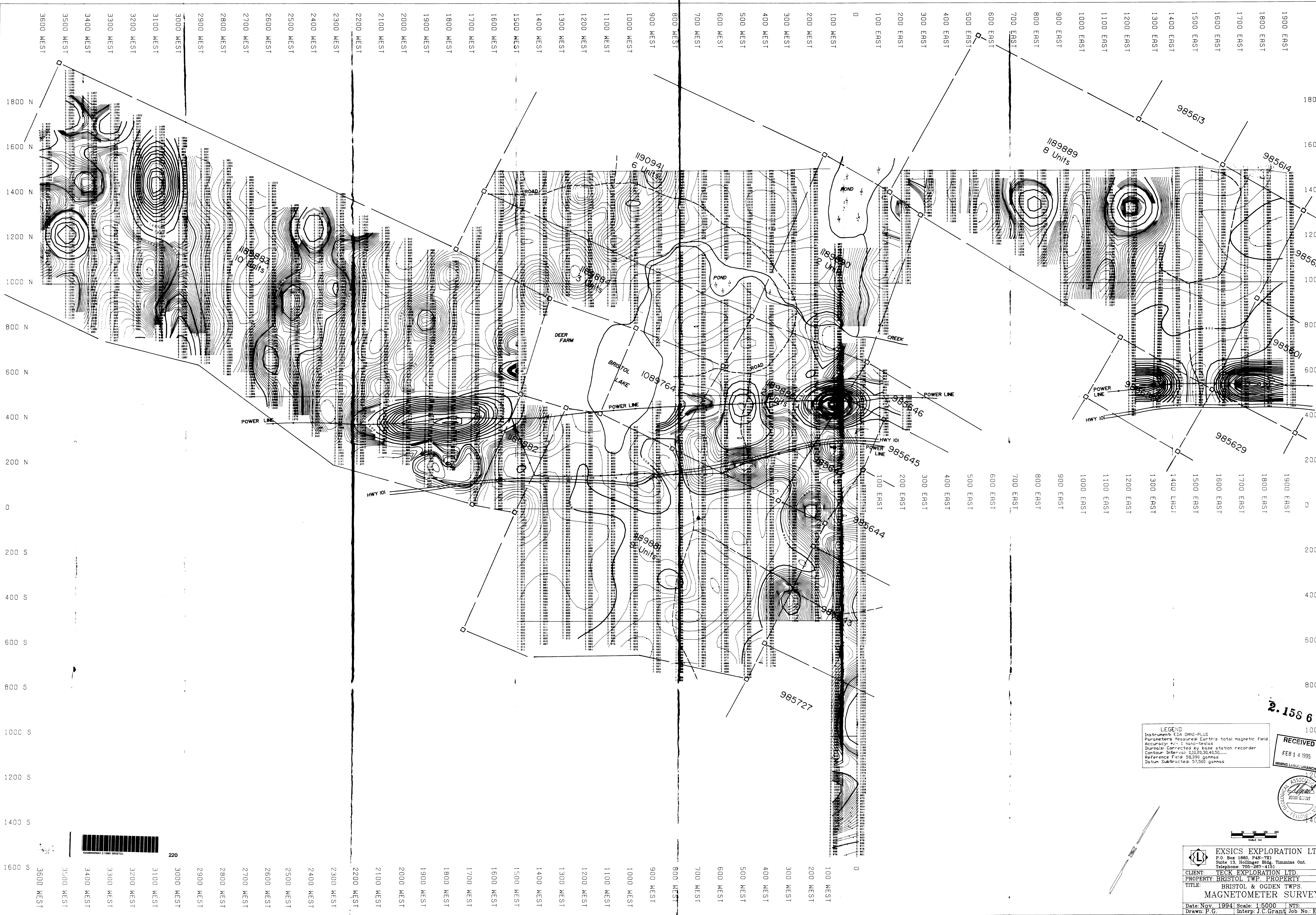
REVISED  
 FEB 14 1995  
 MINING LANDS BRANCH

**2.158 6 T**



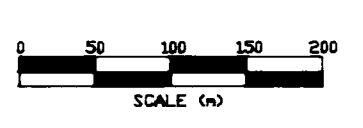
 <b>EXSICS EXPLORATION LTD.</b> P.O. Box 1888, PAM-7X1 Suite 13, Hollinger Bldg. Timmins Ont. Telephone: 745-247-4151		
CLIENT: TECK EXPLORATION LTD.		
PROPERTY: BRISTOL TWP. PROPERTY		
TITLE: BRISTOL & OGDEN TWPS.		
GEOLOGICAL COMPILATION		
Date: DEC. 1994	Scale: 1:5000	NTS:
Drawn: P.G.	Interp: J.C. Grant	Job No. E-76





**LEGEND**  
 Instrument: EIA DMN-PLUS  
 Parameters: Measured Earth's total magnetic field  
 Accuracy: +/- 1 nano-Tesla  
 Journals: Corrected by base station recorder  
 Contour Interval: 0.10, 0.30, 40, 50, ...  
 Reference Field: 58,390 gammas  
 Datum Subtracted: 57,500 gammas

RECEIVED  
 FEB 14 1995  
 MINING LANSBURGH



**EXSICS EXPLORATION LTD.**  
 P.O. Box 1880, P4N-7X1  
 Suite 13, Hollinger Bldg, Timmins Ont.  
 Telephone: 705-287-4151  
 CLIENT: **TECK EXPLORATION LTD.**  
 PROPERTY: **BRISTOL TWP. PROPERTY**  
 TITLE: **BRISTOL & OGDEN TWP.**  
**MAGNETOMETER SURVEY**  
 Date: Nov. 1994 Scale: 1:5000 NTS  
 Drawn: P.G. Inter: J.C. Grant Job No: E-76



220

1800 N  
 1600 N  
 1400 N  
 1200 N  
 1000 N  
 800 N  
 600 N  
 400 N  
 200 N  
 0  
 200 S  
 400 S  
 600 S  
 800 S  
 1000 S  
 1200 S  
 1400 S  
 1600 S

3600 WEST  
 3500 WEST  
 3400 WEST  
 3300 WEST  
 3200 WEST  
 3100 WEST  
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