010

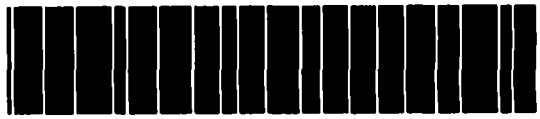
2.15939

HELICOPTER BORNE VLF_EM & MAGNETOMETER

SURVEY

CLAIMS 1198716,1198588,1198569,1198637,
1202648,1202649,1202650,1202652,
1118593

Bryce and Tudhope Townships
Larder Lake Mining Div
Ontario



41P09NE0037 2.15939 BRYCE

010C

TABLE OF CONTENTS

INTRODUCTION

This report concerns a low level airborne VLF-EM and Mag survey that was flown during July 1994 by Geonex Aerodat on contract to Arista Rēsources Inc of Vancouver BC.

The claims listed below were included in the survey and are owned by John Ewanchuk of New Liskeard Ontario.

SUMMARY

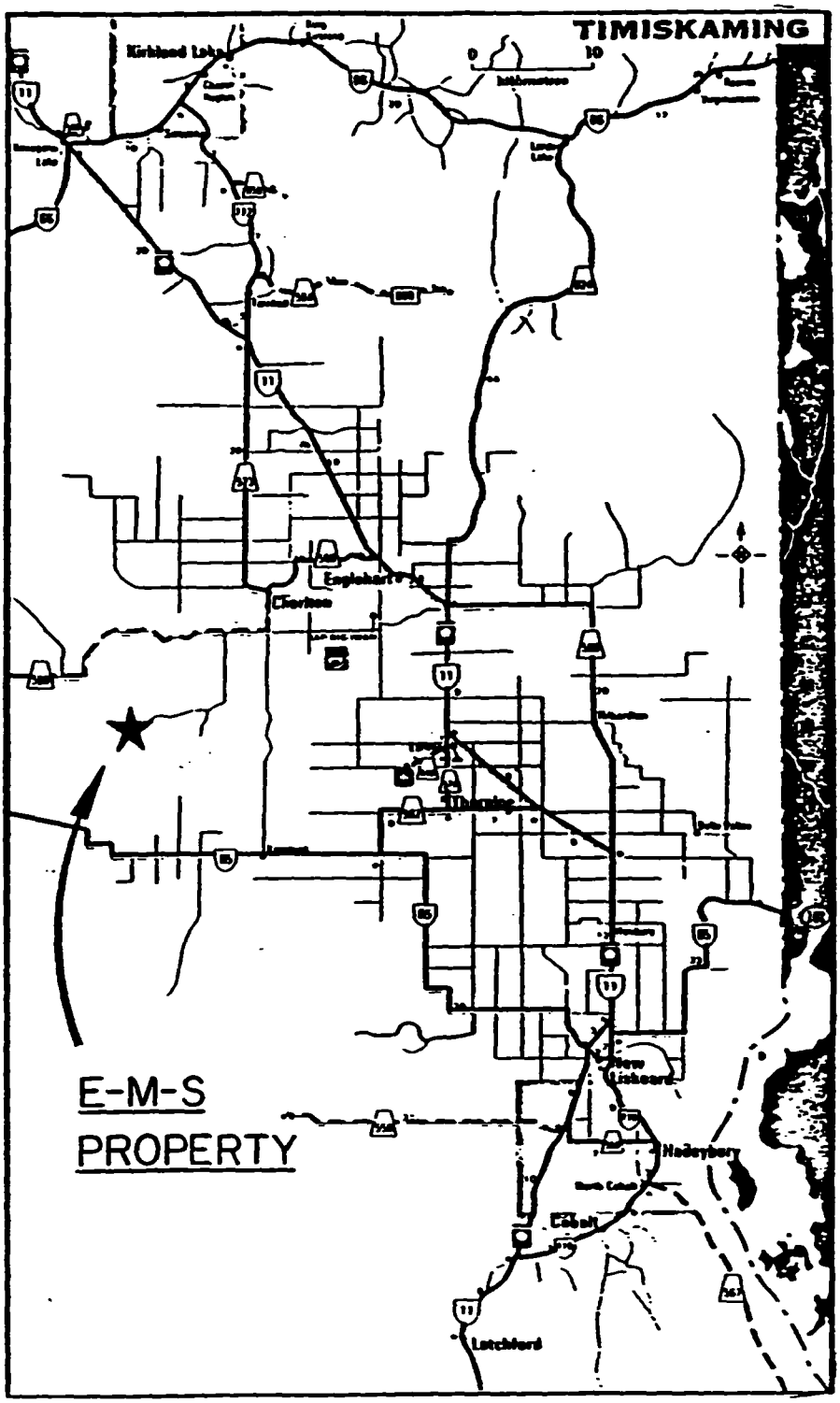
The airborne survey has delineated the known quartz-feldspar porphyry north of Heather Lake. As well there appears to be a large north-south trending dyke like structure running along the west side of Heather Lake.

PROPERTY DESCRIPTION & ACCESS

The properties consist of 12 claim units held by John Ewanchuk as well as one claim unit held by Arista Resources Inc. At the time of the survey the Company was negotiating for these claims and have since decided against the aquisition for now.Claim 1198716 will be transferred to John Ewanchuk.

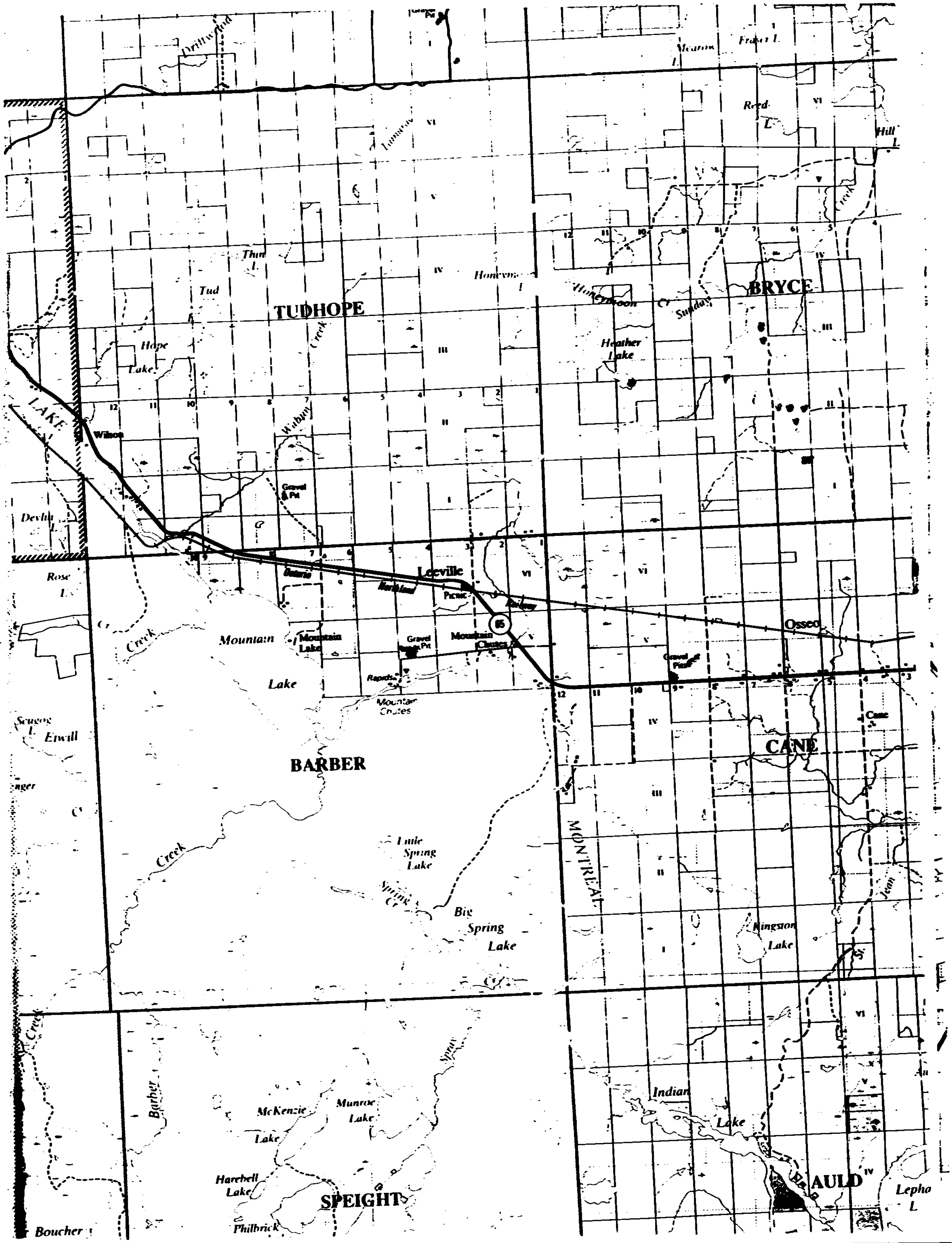
Claim #	Location	No Units	Holder
1198716	Bryce SE1/4 S1/2 Lot 12 Conc 111	1	Arista
1198588	Bryce S1/4's N1/2 Lot12 Con 111	2	John Ewanchuk
1198569	Bryce NW1/4 S1/2 Lot 11 Con 111	1	Box 932 New Liskeard
1198637	Tudhope S1/4's S1/2 Lot 1 Con 111	2	"
1202648	Bryce NE1/4 S1/2 Lot 12 Con 111	1	"
1202649	Bryce SW1/4 S1/2 lot 11 Con 111	1	"
1202650	Bryce SW1/4 S1/2 Lot 12 Con 111	1	"
1202652	NE1/4 SE1/4 S1/2 lot 10 Con 1V Bryce	2	"
1113593	NE1/4 S1/2 lot 11 Con 1V and NW1/4 S1/2 Lot 10 Con 1V Bryce	2	"

Access is gained by proceeding west from Englehart towards the Hill Lake Fish Hatchery along highway 560, then west along a gravel road. From there a logging road which can be used by ATV or Skidoo can be followed to Heather Lake.

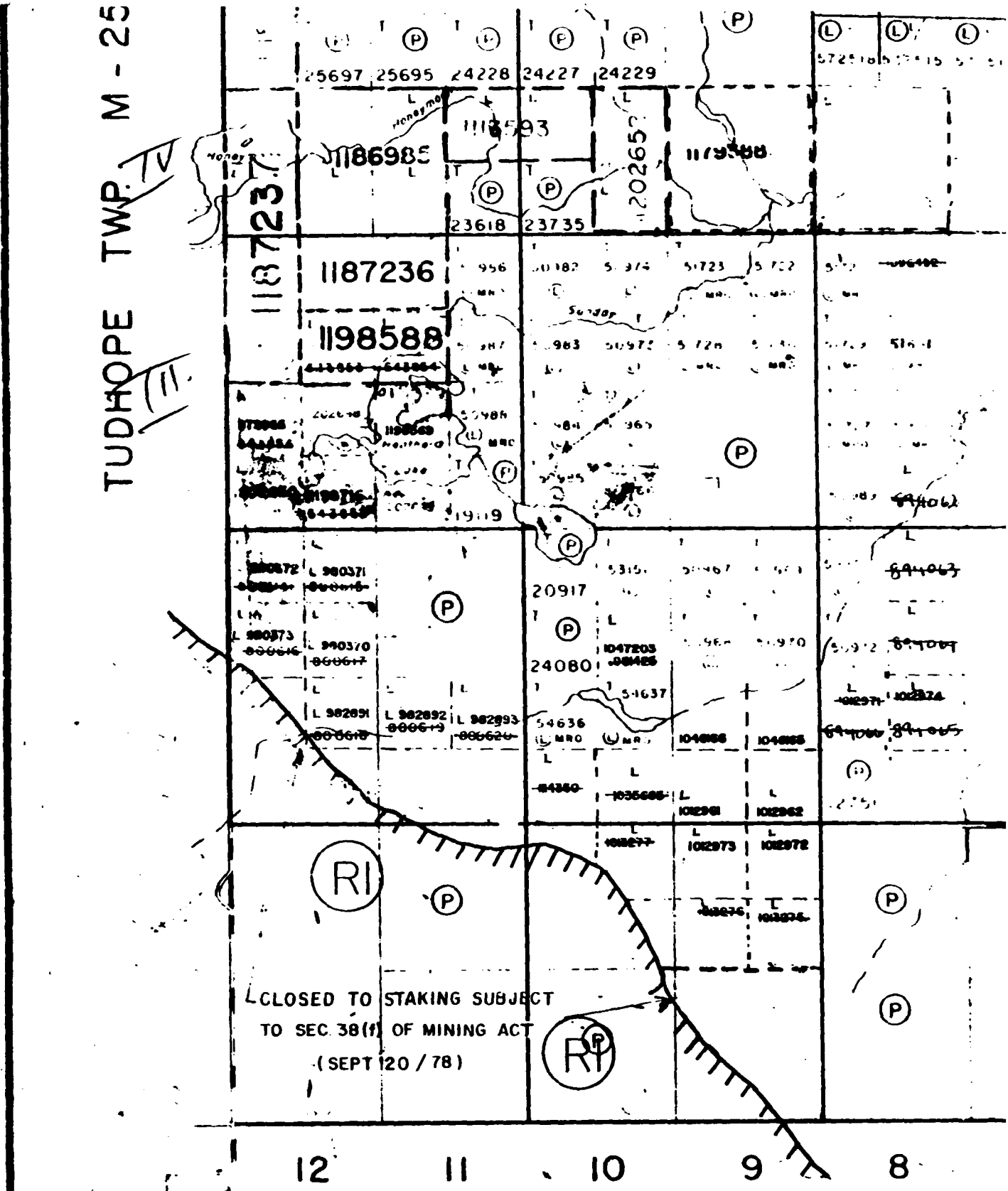


PROPERTY LOCATION MAP

fig.1



TUDHOPE
BRYCE
BARBER
CANE
SPEIGHT
AULD
MONTREAL
LAKE
Leeville
Osseo
Wilson
Driftwood
Fraser L.
Reed L.
Hill L.
Thin L.
Tud
Hope Lake
Honeymoon L.
Honeymoon Cr
Sunday
Heather Lake
Wabun
Creek
Devlin L.
Rose L.
Gravel Pit
Mountain Lake
Mountain Chutes
Rapids
Picnic
Ontario Northland Railway
Seugog L.
Etwill
Little Spring Lake
Spring Cr.
Big Spring Lake
Kingston Lake
Cane
Jean
McKenzie Lake
Munroe Lake
Harebell Lake
Philbrick
Barber
Spray
Indian Lake
Boucher
Lepho L.



"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE

CA

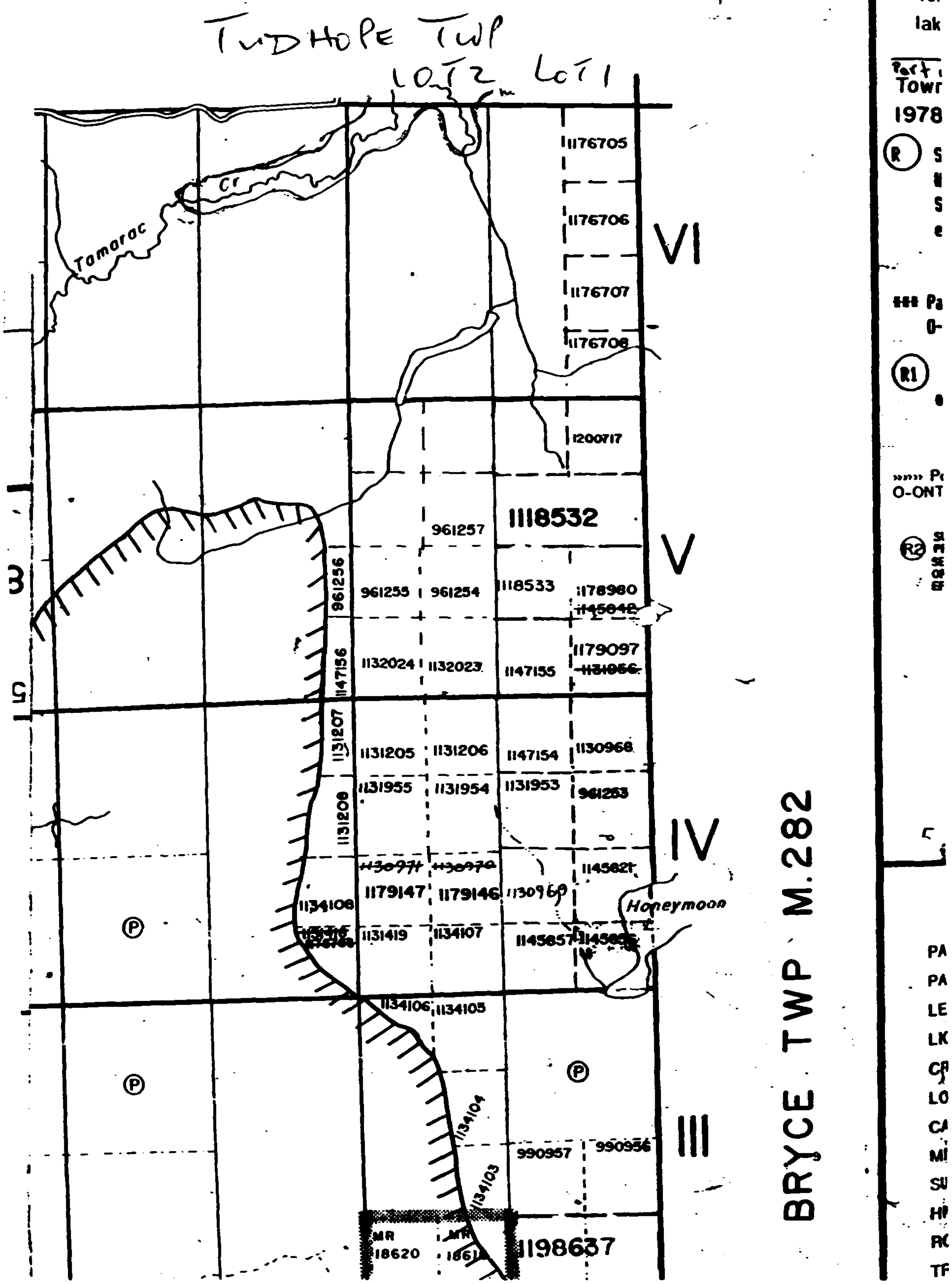
Pending Proceedings

— Dan Pascal —

1-416-[illegible]

geology reference-COBALT

RESIDENT GEO.



TOPOGRAPHY & DRAINAGE

The claims in the Heather Lake area have good outcrop exposure around Heather Lake.Relief is moderate with low lying areas filled by cedar swamp.Numerous creeks and beaver ponds surround Heather Lake.

GEOLOGY

The property is underlain by rocks of the "Abitibi Greenstone Belt", and in the vicinity of Heather Lake the pyroclastic breccia may indicate proximity to a volcanic vent. Small diabase dykes are seen as well as exposures of quartz-feldspar-porphyry which may be related to a larger intrusion and may well be the source of the gold-bearing hydrothermal solutions.

PREVIOUS WORK

In 1974 a ground VLF and Magnetometer Survey was carried out by J.A.Gore over part of the claims. The claims are underlain by coarse-grained poorly sorted pyroclastic breccia that has been intruded by quartz and feldspar porhyry dykes and mafic dikes. The rocks are carbonatized and strongly schistose in a northwest direction.Two strong anomalies were outlined on the claims.The northern anomaly lies wholly within Heather Lake approximately parallel to the northern shore of the lake and the other lies to the west of the island in the southwestern part of the lake.

Some stripping was performed,particularily on the quartz-feldspar porphyrys by the claimholders.

In 1987 MinGold performed basal till sampling throughout the immediate area.

In 1988 MinGold completed 365.8m of diamond drilling near Heather Lake to test gold anomalies from the basal till sampling.Several quartz-carbonate stringer vein systems were intersected within shear zones cutting intermediate to felsic breccias and porphyritic metavolcanic rocks of the Abitibi Belt.

In 1991 Orofino Resources completed geophysical surveys on parts of the property optioned from Jim Morris. Ground mag was performed as well as nine lines of combined Crone Pulse Em and IP surveys on selected portions of the property.

AIRBORNE SURVEY

The helicopter borne mag and VLF EM survey was performed by Geonex Aerodat on a larger area which included the subject property. The logistics report is included in the appendix.

Total Field Magnetics

Lines were flown @ azimuth of 135-315° with an average line spacing of 100m. The Total field magnetic intensity was measured by a cesium high sensitivity magnetometer at an average sensor elevation of 45m and corrected for diurnal variation. Map contours are in nano Teslas and are multiples of 2nt, 10nt, 50nt, 250nt, and 1000nt. Navigation and flight path recovery was conducted using a Global Positioning System (GPS). Average helicopter terrain clearance was 60m monitored by radar and barometric altimeters.

Vertical Gradient

Vertical Gradient contour data is calculated from the total field magnetics data by an FFT algorithim. Map contours are in nanoteslas/metre and are multiples of o.o5nT/m, 0.25nT/m, 1.00nT/m, 5.00nT/m, and 25.0nT/m.

Total Field VLF-EM

Total field VLF EM data measured by a Herz Totem 2A sensor at an average elevation of 45m.

Flights utilized NAA, Cutler Maine, 24.0 kHz as the transmittor. Quadrature profile 1% per/mm. Map contours are in % and multiples of 1%, 5%, and 25%.

A total of 26 line kilometres were flown on the Property.

SUMMARY & CONCLUSIONS

The airborne survey has delineated the known quartz-feldspar-porphry NW of Heather Lake.As well a strong NS response is seen West of Heather Lake which may represent diabase dykes. There is also a NW trending structure delineated which runs up through Heather Lake and on to Honeymoon Lake.

BIBLIOGRAPHY

Report of Activities.....OGS Paper 158
1991
Resident Geologists

Report of Activities.....OGS Paper 142
Resident Geologists
1988

Geology of the Hill Lake Area.....OGS Paper 250
District of Temiskaming
1986

APPENDIX

CERTIFICATION

I Gary Clayton Dunn do hereby certify that.....

1) I am a graduate of the three year mining technology program at the Haileybury School of Mines (1974).

2) I have practised my profession continuously in the mining industry since that time

3) I reside at 710 Brewster St Haileybury Ontario

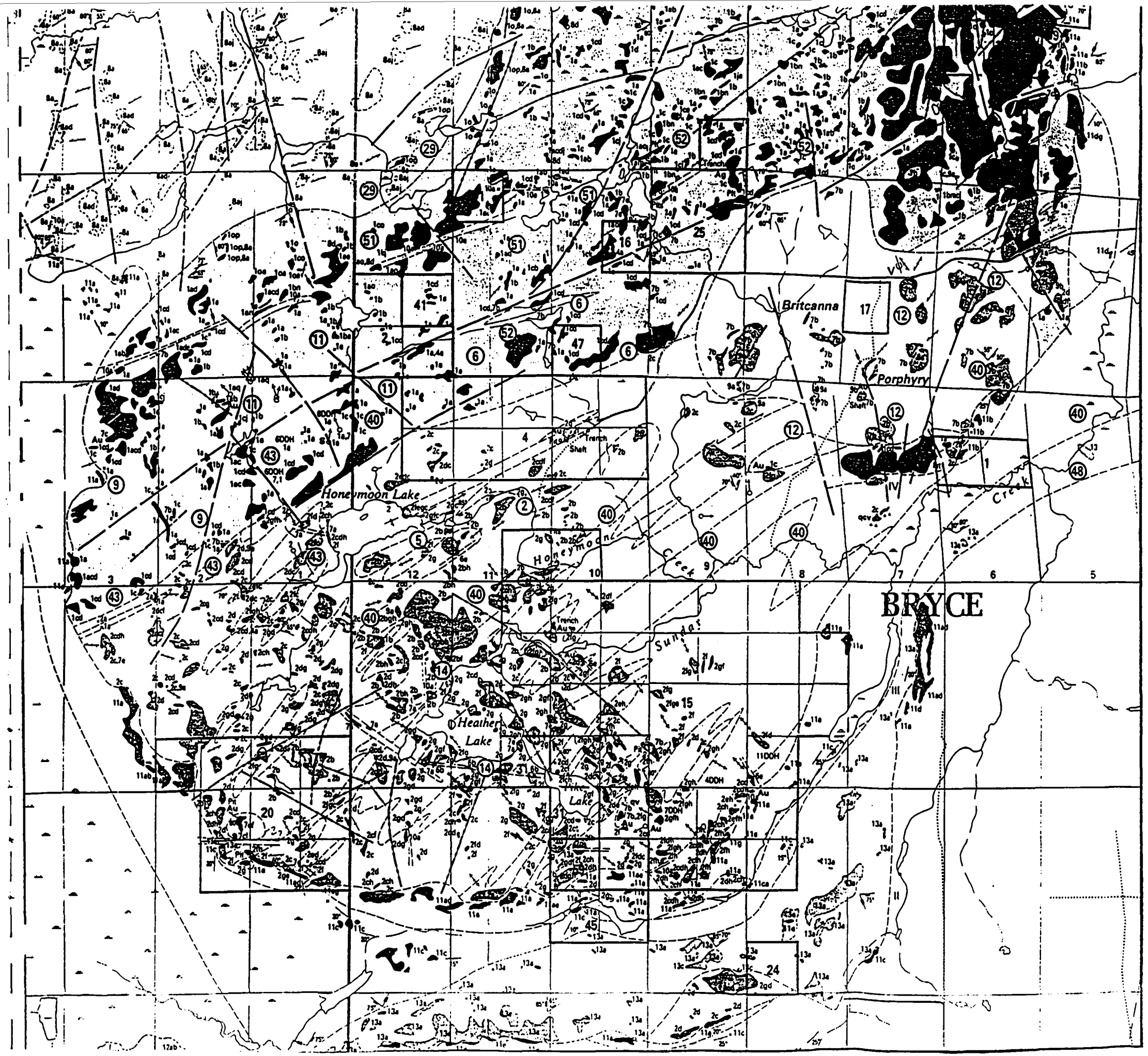
4) I have no interest in the property nor do I expect to receive any

5) This report is based on my knowledge of the area including having been on the property

dated....March 24/91.

signed.....

Gary Clayton Dunn Qual.# 2.14144



PHANEROZOIC

CENOZOIC[a]

QUATERNARY

PLEISTOCENE AND RECENT

Glacial, glaciofluvial, swamp, lake and stream deposits

UNCONFORMITY

PRECAMBRIAN[b]

MIDDLE PRECAMBRIAN

MAFIC INTRUSIVE ROCKS

NIPISSING DIABASE

13 *Unsubdivided.*
13a *Diabase.*
13c *Diabase chilled margins*
13d *Aplite, granophyre*

INTRUSIVE CONTACT

HURONIAN SUPERGROUP

COBALT GROUP

LORRAIN FORMATION

12a *Feldspathic arenite*
12b *Grit to pebble conglomerate*
12c *Breccia dike.*

CONFORMABLE CONTACT

GOWGANDA FORMATION

11 *Unsubdivided.*
11a *Conglomerate, matrix supported*
11b *Conglomerate, clast supported.*
11c *Thickly laminated mudstone and wacke.*
11d *Thickly laminated green-gray mudstone and shale.*
11e *Feldspathic lithic arenite*
11g *Wacke.*

UNCONFORMITY

EARLY PRECAMBRIAN

UNMETAMORPHOSED MAFIC INTRUSIVE ROCKS

10a *Diabase.*
10b *Porphyritic diabase (feldspar phenocrysts).*

INTRUSIVE CONTACT

MAFIC ALKALIC INTRUSIVE ROCKS

9a *Lamprophyre.*
9b *Pebble-bearing lamprophyre*

INTRUSIVE CONTACT

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

8 *Unsubdivided.*
8a *Tonalite, trondhjemite.*
8b *Granodiorite.*
8d *Aplite.*
8f *Cataclastic tonalite.*
8g *Contaminated tonalite, diorite*
8h *Tonalite with mafic metavolcanic xenoliths.*
8j *Mylonite.*

INTRUSIVE CONTACTS

METAMORPHOSED FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

7 *Unsubdivided.*
7a *Quartz porphyry.*
7b *Feldspar porphyry.*
7c *Quartz-feldspar porphyry*
7e *Felsite.*
7f *Carbonatized.*

INTRUSIVE CONTACT

6 *Unsubdivided*
6a *Hypersthene diorite*
6b *Gabbro.*
6c *Porphyritic gabbro (feldspar phenocrysts).*
6d *Hornblende diorite*
6e *Diabase*

INTRUSIVE CONTACT

CHARLTON ULTRAMAFIC INTRUSION

5a *Wehrlite.*
5c *Pyroxenite*
5d *Leucocratic gabbrononite.*
5e *Carbonatized.*
5f *Serpentinized.*
5g *Variolitic mafic dike*

INTRUSIVE CONTACT

METASEDIMENTS

CHEMICAL METASEDIMENTS[c]

4a *Chert and very fine grained felsic tuff*

METAVOLCANICS

ULTRAMAFIC METAVOLCANICS[c]

3 *Unsubdivided*
3a *Massive peridotite*
3c *Spinifex texture*
3d *Talc-carbonate schist*
3e *Chlorite schist.*
3f *Tremolite.*
3g *Carbonatized*

INTERMEDIATE TO FELSIC METAVOLCANICS[c]

2 *Unsubdivided*
2a *Massive lava.*
2b *Porphyritic lava (feldspar and quartz phenocrysts)*
2c *Tuff*
2d *Lapilli-tuff*
2e *Lapillistone*
2f *Tuff breccia.*
2g *Pyroclastic breccia*
2h *Carbonatized.*
2j *Amphibolitized, hybridized*

MAFIC METAVOLCANICS[c]

1 *Unsubdivided*
1a *Massive fine-grained lava.*
1b *Massive medium-grained lava*
1c *Pillowed lava*
1d *Amygdaloidal lava*
1e *Variolitic lava*
1g *Black high iron mafic lava*
1h *Spinifex texture*
1j *Broken pillow breccia*
1k *Isolated pillow breccia*
1m *Flow breccia.*
1n *Porphyritic flow (amphibole phenocrysts).*
1o *Amphibolite*
1p *Metamorphic layering.*
1q *Carbonatized.*
1r *Xenoliths of intermediate tuffaceous material*
1s *Epidotized mafic flows.*

Ontario Geological Survey

Map 2501

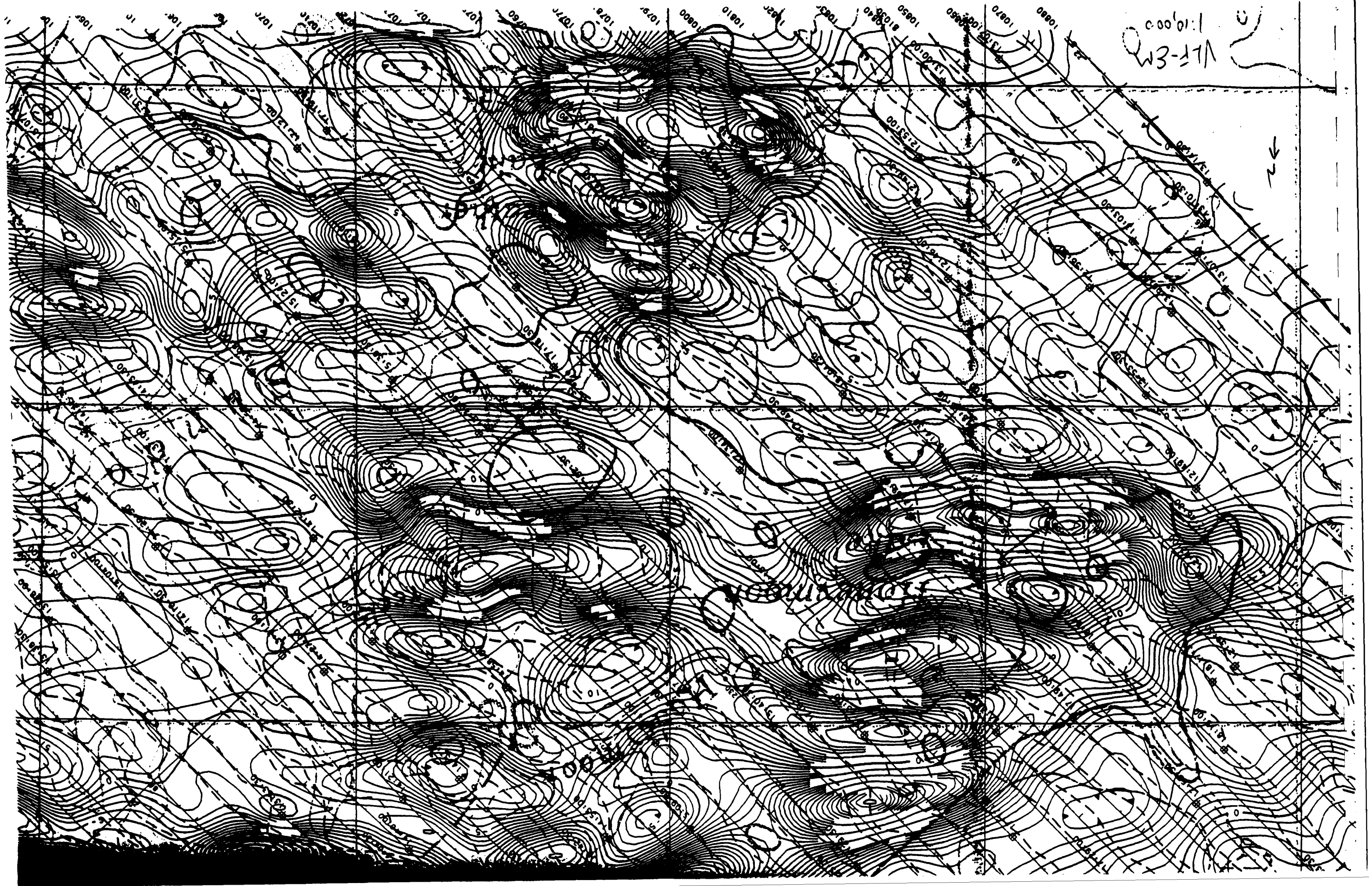
HILL LAKE

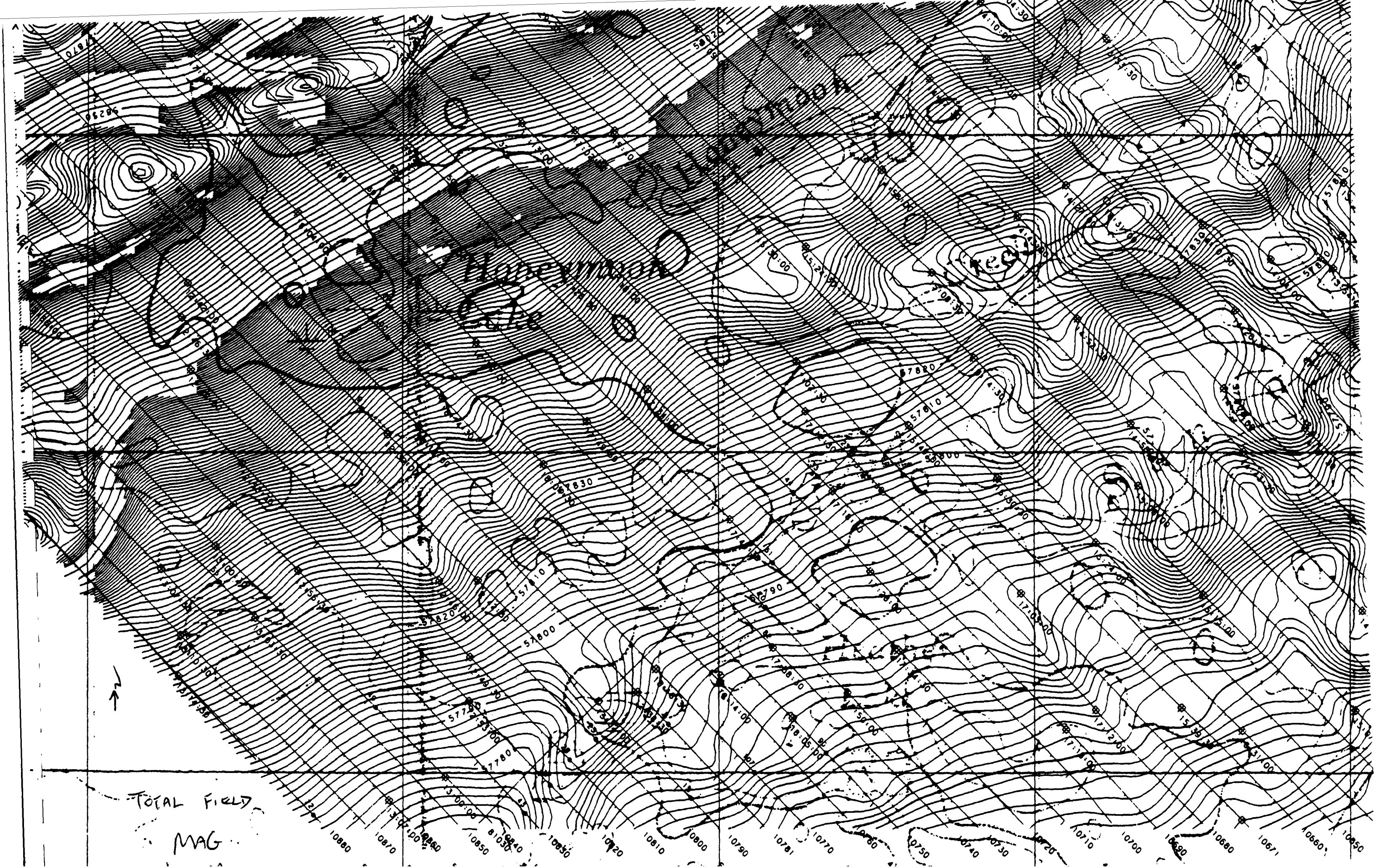
TIMISKAMING DISTRICT

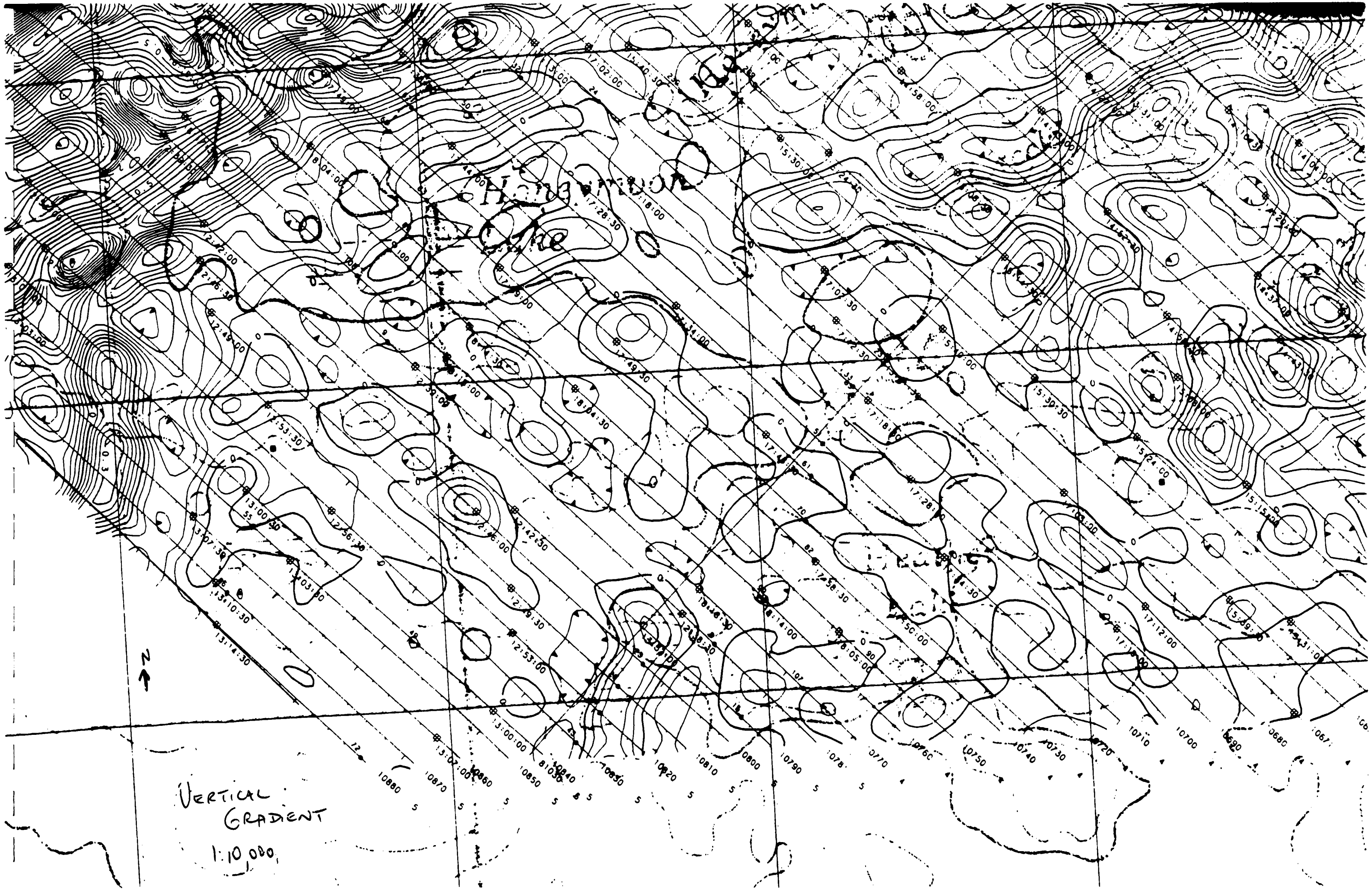
Scale 1:31,680 or 1 Inch to ½ Mile

Johns, G.W., Hoyle, Warren and Good, David - 1985 Hill Lake, Ontario Geological Survey, Map 2501, Precambrian Geology series, scale 1 inch to ½ mile. Geology 1980

figure 4




TOTAL FIELD
MAG


Vertical
Gradient
1:10,000
N

020

LOGISTIC REPORT

ON A HELICOPTER-BORNE MAGNETIC AND VLF-EM SURVEY

EARLTON AREA
ONTARIO

FOR

ARISTA RESOURCES INC.
SUITE 1510
999 WEST HASTINGS STREET
VANCOUVER, B.C.
V6C 2W2

BY

GEONEX AERODAT INC.
3883 NASHUA DRIVE
MISSISSAUGA, ONTARIO
L4V 1R3

JULY 1994

J9435

TABLE OF CONTENTS

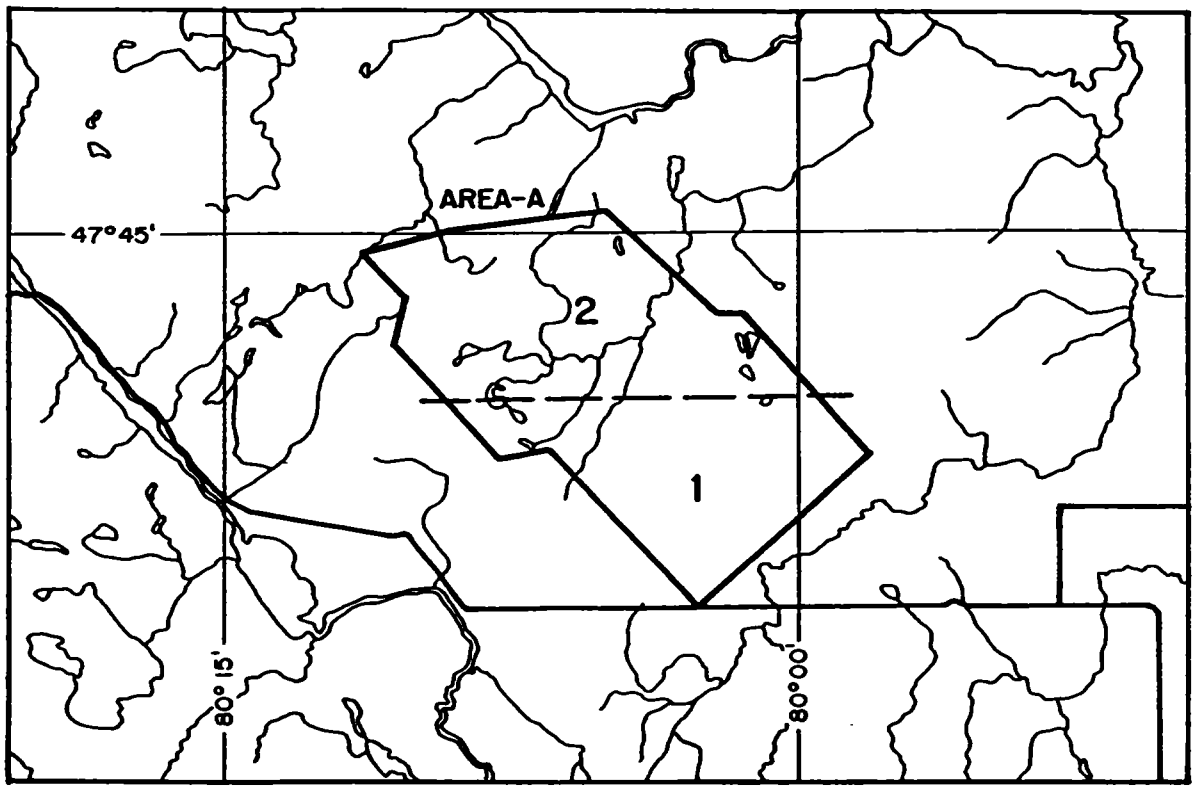
1. INTRODUCTION

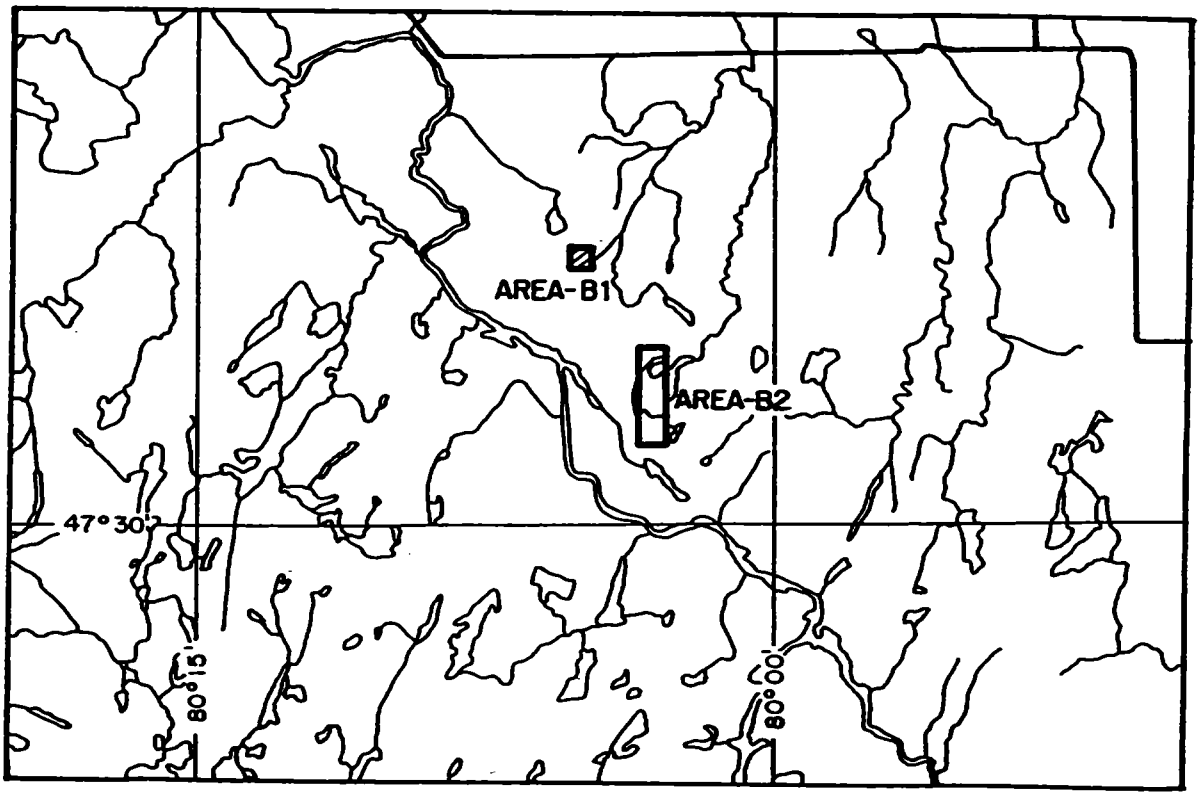
This report describes an airborne geophysical survey carried out on behalf of Arista Resources Inc. by Geonex Aerodat Inc. Equipment operated included a high sensitivity cesium vapour magnetometer, a video tracking camera, an altimeter and an electronic positioning system. Magnetic and altimeter data were recorded both in digital form and analogs were created post-flight. Global positioning data were stored in digital form and encoded on VHS format video tape.

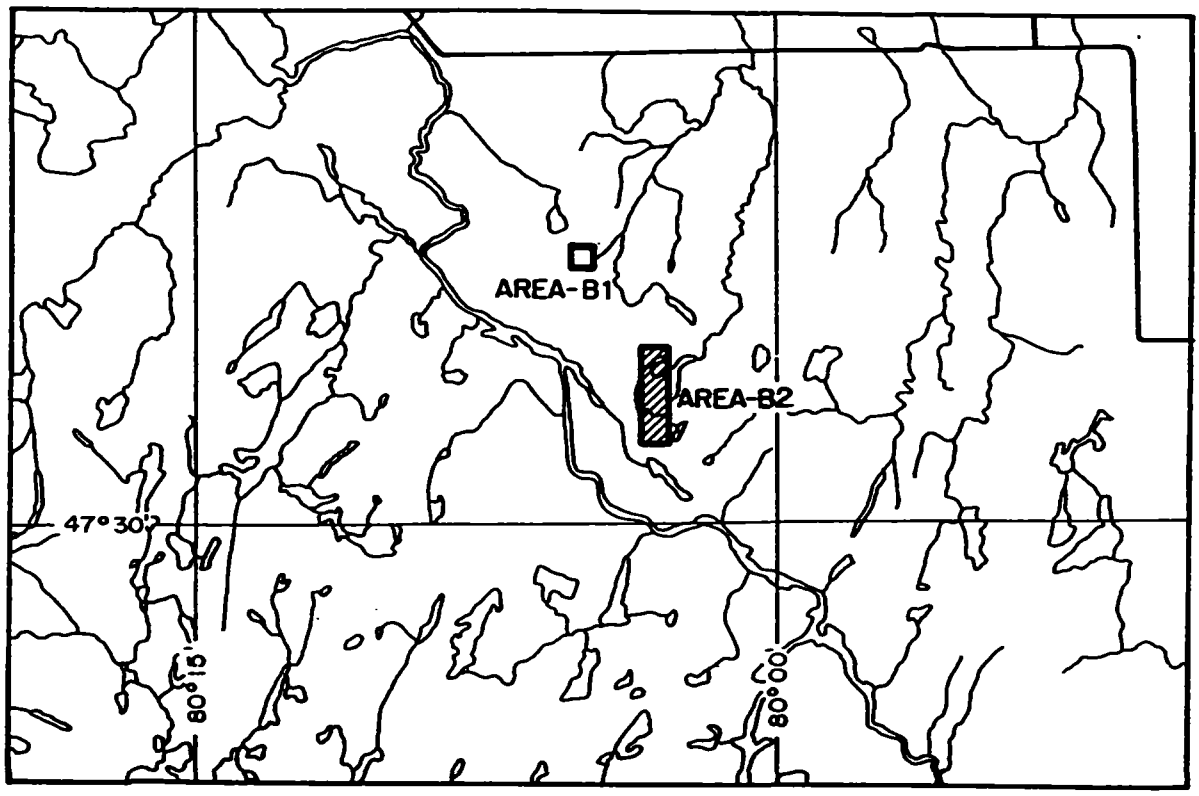
The area and flight lines were flown at a nominal spacing of 100 m. Coverage and quality were considered to be within the specifications described in the contract.

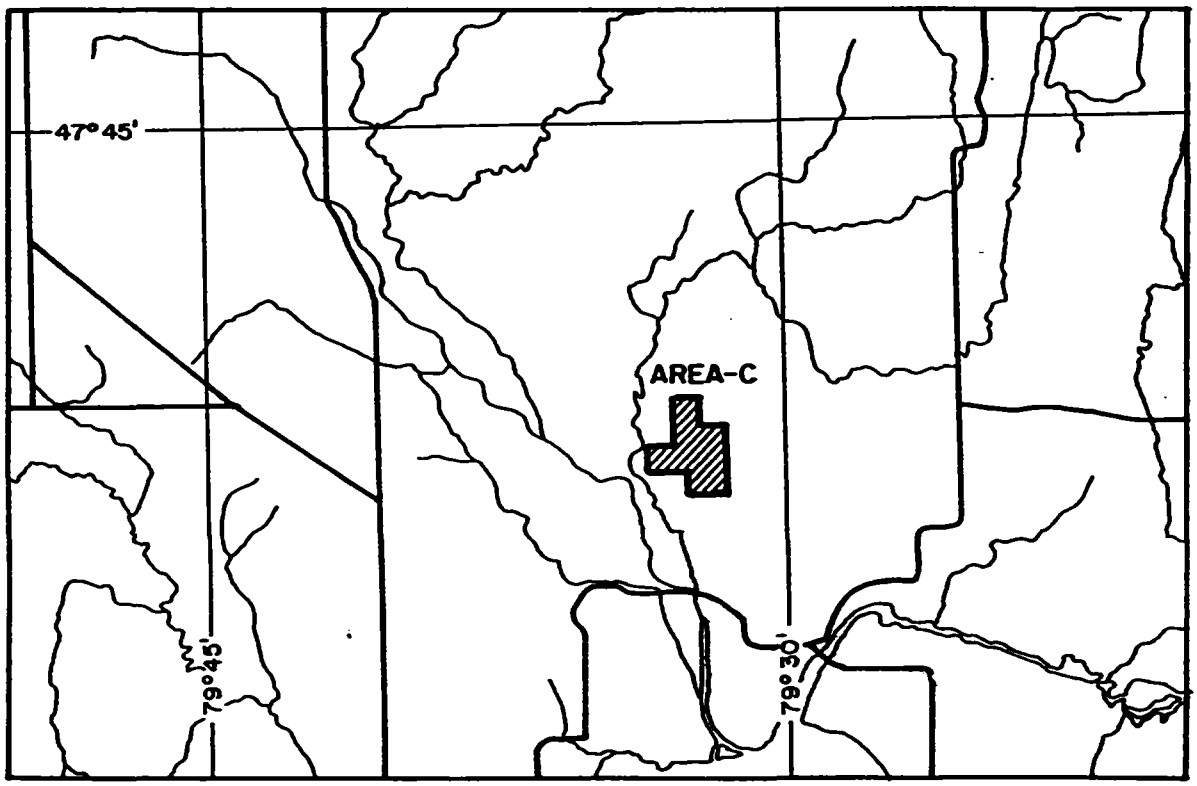
The survey covered six separate blocks located in Casey, Auld and Bryce with a total of 1450 line km flown.

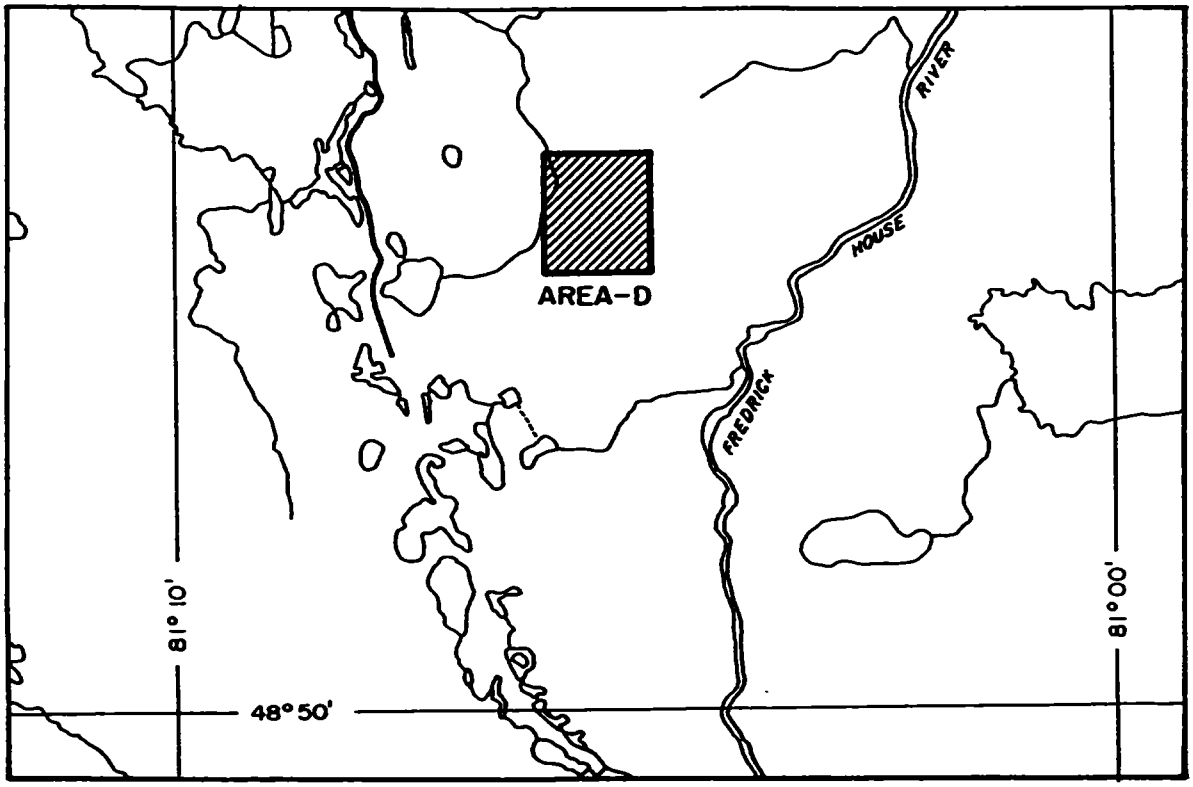
2. SURVEY AREA LOCATION

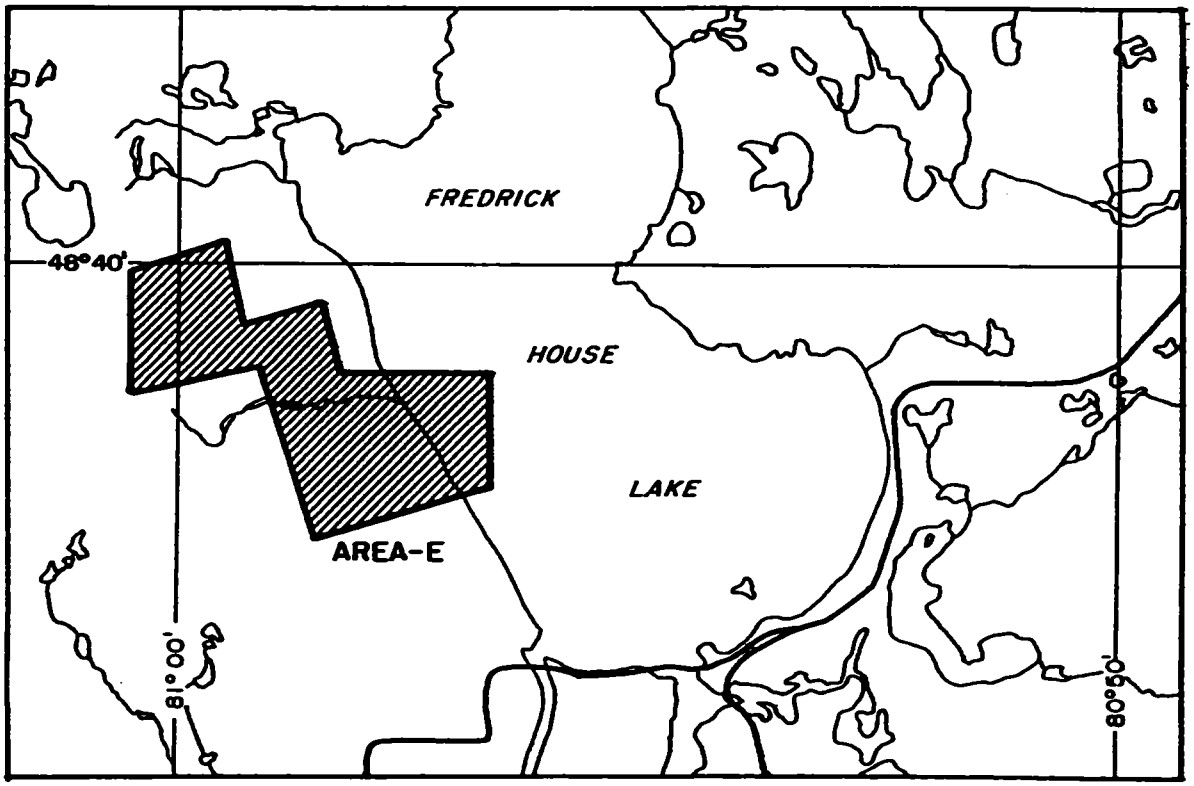





AREA-B1
AREA-B2
47°30'
80°15'
80°00'


47°45'
AREA-C
79°45'
79°30'


AREA-D
HOUSE RIVER
FREDRICK
81°10'
81°00'
48°50'


FREDRICK
48°40'
HOUSE
LAKE
AREA-E
81°00'
80°50'

3. AIRCRAFT AND EQUIPMENT

3.1 Magnetometer

Scintrex optically pumped/monitored, cesium vapour, high sensitivity H-8 magnetometer mounted in a Canagrad towed stabilized magnetometer bird designed for single engine operations. A Picodas magnetometer processor operated at a sample rate of 5 samples per second with a 2 Hz bandwidth was employed. The magnetometer sensitivity is 0.001 nT.

3.2 Digital Recorder

A PDAS 1100 data acquisition system was used to collect the geophysical and ancillary equipment outputs and display the data on an on-board screen. Digital output is recorded on a cartridge cassette tape with full read after write checking. The magnetometer and VLF channels are scanned at 0.2 second rate. In addition, altimeter, satellite information and coordinates, camera, manual fiducials and time, will be digitally recorded at appropriate times. The resolution of the VLF data is 1 percent and the altimeter data is 0.5 m. The magnetic readings are measured to a 0.001 gamma resolution.

3.3 Analog Recorder

Analog records were generated post-flight. The recorder can automatically label the channels, times and representative values for maximum record clarity.

3.4 Video Camera

Aerodat operated a VHS video camera to record the aircraft's overland flight path. The time as recorded on the digital record was displayed on the video image for precise correlation of video image with geophysical response.

3.5 Global Positioning System

GPS receiver, model MX4200D by Magnavox Electronic Systems Company, with antenna mounted at top of vertical stabilizer. Identical model of GPS base station for post flight differential correction of flight path.

3.6 Altimeter

A King KRA-10 radar altimeter was used to record terrain clearance of the aircraft. The response of the instrument is linear and the digital resolution is better than 2.5% with a departure of 3 m at 100 m altitude discernable. The output of the instruments were recorded in digital form.

3.7 Aircraft

An Aerospatiale AS 350 B1 A-Star helicopter (C-GNIX), owned and operated by Questral Helicopters was used for the survey. Installation of the geophysical and ancillary equipment was carried out by Geonex Aerodat Inc. The survey aircraft was flown at a mean terrain clearance of 60 metres.

3.8 Magnetic Diurnal Monitor

Magnetic base station with an Overhauser sensor, model GSM-9 by Gem Systems, with an accuracy of 0.1 nanoTeslas. Data logging will be made at one second intervals by computer. The time stamp for the magnetic base station is taken directly from the GPS ground receiver to ensure that it correlates with the airborne equipment.

3.9 VLF-EM

Herz Totem 2A measuring the total field and the quadrature components from two stations with full scale sensitivity of plus/minus 25%. The VLF antenna was mounted on a boom projecting well forward of the leading edge of the aircraft and positioned so as to be unaffected by the conductivity of the aircraft.

4. DATA PRESENTATION

A list of products are as follows:

Basic Products (Scale at 1:10,000)

1. Base Map - Topographic base map, prepared from 1:50,000 NTS maps.
2. Magnetics - Photocombination of Total Field Magnetic Contours with the base map.
3. Magnetics - Photocombination of Calculated Vertical Magnetic Gradient contours with the base map.

4. VLF-EM - Photocombination of Total Field VLF-EM Contours and Profiles of Quadrature @ 1% per m/m.

Colour Products (Scale at 1:10,000)

All colour products contain planimetry digitized from existing 1:50,000 scale NTS topographic maps.

1. Magnetics - Colour of Total Magnetic Field with superimposed contours.
2. Magnetics - Colour of Calculated Vertical Magnetic Gradient with superimposed contours.
3. VLF-EM - Colour of Total Field VLF-EM with superimposed contours and quadrature profiles.

4.1 Total Field Magnetic Contours

The aeromagnetic data were corrected for diurnal variations by adjustment using the digitally recorded base station magnetic values and tie lines. No correction for regional variation was applied.

4.2 Vertical Magnetic Gradient

The vertical magnetic gradient was calculated from the gridded total field magnetic data and contoured at a 0.05 nT/m interval.

4.3 VLF-EM Contours

VLF-EM Contours were done at 1% and .5% contour intervals.

APPENDIX I

PERSONNEL

OFFICE

Processing	E. Hamilton
	G. McDonald
Report	E. Hamilton

FIELD

Pilot	R. Morrow
Operator	M. Barry

APPENDIX II

GENERAL INTERPRETIVE CONSIDERATIONS

Magnetics

A digital base station magnetometer was used to detect fluctuations in the magnetic field during flight times. The airborne magnetic data was levelled by removing these diurnal changes. The Total Field Magnetic map shows the levelled magnetic contours, uncorrected for regional variation.

The Calculated Vertical Gradient map shows contours of the magnetic gradient as calculated from the total field magnetic data. The zero conductor shows changes in the magnetic lithologies and will coincide closely with geologic contacts assuming a steeply dipping interface. Thus this data may be used as a pseudo-geologic map.

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: DOCUMENT No. W9580 • 00175

Res. Geol. - Cobalt

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) 670-7284.

2.15939

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 compl
- Technical reports and maps must accompan
- A sketch, showing the claims the work is ass

41P09NE0037 2.15939 BRYCE

900

Recorded Holder(s)	JOHN EWANCHUK / ARISTA RESOURCES INC	Client No.	130349/300626
Address	BOX 932 NEW LISKEARD ONTARIO	Telephone No.	705 647 7207
Mining Division	LARDER LAKE	Township/Area	BRYCE / TUDHOPE
		M or G Plan No.	M282, M252
Dates Work Performed	From: JULY 1/94	To:	MAR 29/95

Work Performed (Check One Work Group Only)

	Work Group	Type
X	Geotechnical Survey	AIRBORNE EM + MAG
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
APR 6 1995
MINING LAND...

Total Assessment Work Claimed on the Attached Statement of Costs $ 2020.00

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
GARY DUNN	BOX 1471 HAILEYBURY ONTARIO
Geonex Aerodat	3883 Nashua Dr. POJIKO Mississauga Ont. L4W1R5.

(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: MAR 29/95	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: GARY C DUNN BOX 1471 HAILEYBURY ONTARIO POJIKO

Telephone No.	Date	Certified By (Signature)
(705) 672 5911	MAR 29/95	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$ 2020.	March 29/95		RECEIVED LARDER LAKE MINING DIVISION MAR 29 1995
	Deemed Approval Date: June 27/95	Date Approved	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1118593	2	310	310		
	1198569	1	155	155		
	1198588	2	310	310		
	1198637	2	310	310		
	1198716	1	155	155		
	1202648	1	155	155		
	1202649	1	155	155		
	1202650	1	155	155		
	1202652	2	315	315		
	Total Number of Claims: 9		Total Value Work Done: 2020	Total Value Work Applied: 2020	Total Assigned From:	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 priorize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

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

0241 (03/91)

Ministry of Northern Development and Mines

Ontario

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

DOCUMENT No. / Transaction number / Numéro de transaction W 9580 2075

2.1593 9

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 quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e 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 Geoex Associat		
	GDE Exploration		
			1820
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
		Total Direct Costs Total des coûts directs	1820

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 Local travel	200	
			200
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
		Sub Total of Indirect Costs Total partiel des coûts indirects	200
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			200
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)			2020

RECEIVED APR 0 1991 MINING LANDS BRANCH

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.

APR 0 1991

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	Évaluation 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 _____ I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature _____ Date MAR 29/91

0212 (04/91)

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

Ontario

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

April 10, 1995

Our File: 2.15939
Transaction #: W9580.00175

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Mr. Spooner:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1118593 et al. IN BRYCE & TUDHOPE TOWNSHIPS

Assessment work credits have been approved as outlined on the report of work form. The credits have been approved under Section 15 (Airborne Geophysics) of the Mining Act Regulations.

The approval date is April 07, 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:

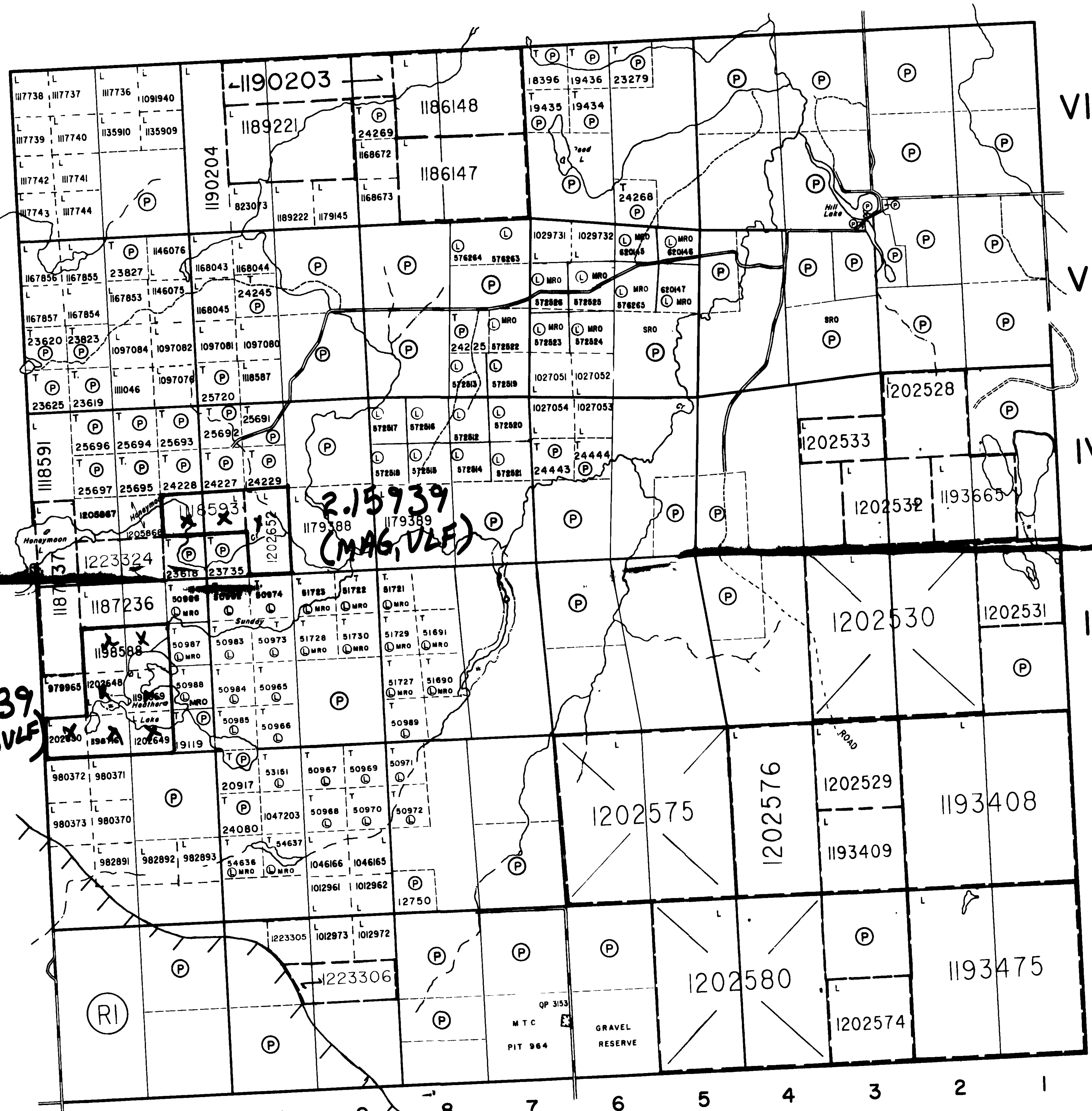
cc: Assessment Files Library
Sudbury, Ontario

Resident Geologist
Cobalt, Ontario

M-282

GEOLOGY REFERENCE-COBALT

ROBILLARD TWP.



TULLHOPE TWP.

BEAUCHAMP TWP.

CANE TWP.

BRYCE TWP.

2.15939 (MAG, VLF)

THE TOWNSHIP OF BRYCE

2.15939

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH 40 CHAINS

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RECEIVED LARDER LAKE MINING DIVISION

LEGEND

- PATENTED LAND — ● or Ⓟ
- CROWN LAND SALE — C.S.
- LEASES — Ⓛ
- LOCATED LAND — Loc.
- LICENSE OF OCCUPATION — L.O.
- MINING RIGHTS ONLY — M.R.O.
- SURFACE RIGHTS ONLY — S.R.O.
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED — C.
- PATENTED S.R.O.

NOTES

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

(RI) Surface and Mining Rights Withdrawn from Staking, Section 36/80 order No. W 65/83

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONT. P0K 1T0 705-642-3222

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.

THE STATUS OF THESE CAUTIONED LANDS ARE UNDER CONSTANT REVISION AND MAY CHANGE BEFORE OR AFTER THE OPENING DATE FOR THE MOST UP TO DATE INFORMATION PLEASE CONTACT THE MINING RECORDER'S OFFICE ON THE DAY OF STAKING

PLAN NO. M-282

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

CIRCULATED FEBRUARY 14, 1995

41P09NE0037 2.15939 BRYCE

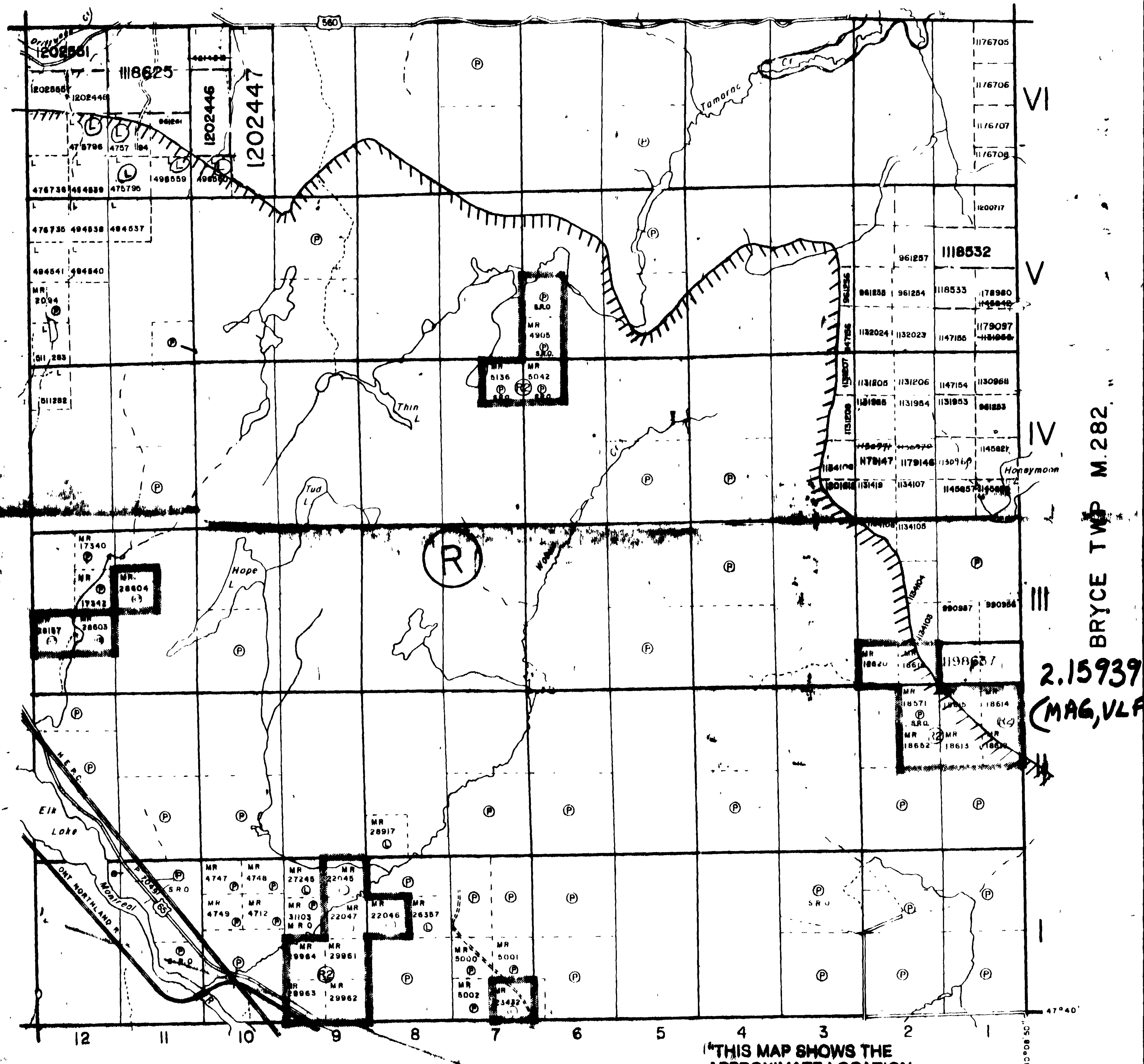
200

TRIM LINE

geology reference-COBALT

RESIDENT GEO.

TRUAX TWP M.251



"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION."

A COPY OF THIS M-PLAN WAS ARCHIVED ON MAR.26/82

ARCHIVED APR. 8, 1994

NOTES

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

Part of Township closed to staking effective May 1978, Sec 38(f) of The Mining Act.

(R) Surface and Mining Rights on all Crown Land withdrawn from prospecting, staking out, sale or lease Section 36 R.S.O. 1980, The Mining Act, Order effective October 21, 1982 at 1:42 pm.

(R1) Surface and Mining Rights Withdrawn from staking of the Mining Act R.S.O. 1980. Order W-L2-90 on April 3, 1990 at 7:01 E.S.T.

Part of order W-L2-90 NER REOPENED by order O-ONT-06/92 NER/CR effective

LEGEND

PATENTED LAND
PATENTED FOR SURFACE RIGHTS ONLY
LEASES
LICENSE OF OCCUPATION
CROWN LAND SALES
LOCATED LAND
CANCELLED
MINING RIGHTS ONLY — M.R.O.
SURFACE RIGHTS ONLY — S.R.O.
HIGHWAY & ROUTE NO.
ROADS
TRAILS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES

*used only with summer resort locations or when space is limited

2.15939

TOWNSHIP OF

TUDHOPE

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

RECEIVED APR 6 1995 MINING LANDS BRANCH

DR JBK
DATE May '72

PLAN NO. M.252

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

RECEIVED LARDER LAKE MINING DIVISION

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