42A05NE8462 2.9436 BRISTOL

010

GEOPHYSICAL REPORT

BRISTOL TOWNSHIP
Northwest Quadrant

FOR

RALPH ALLERSTON

RECEIVED
OCT 01 1986
MINING LANDS SECTION

Prepared by:

John C. Grant, CET, AFGAC
EXSICS EXPLORATION LIMITED
May 14, 1986

PORCUPINE MINING DIVISION
RECEIVED
SEP 17 1986

42A05NE8462 2.9436 BRISTOL

010C

TABLE OF CONTENTS

INTRODUCTION

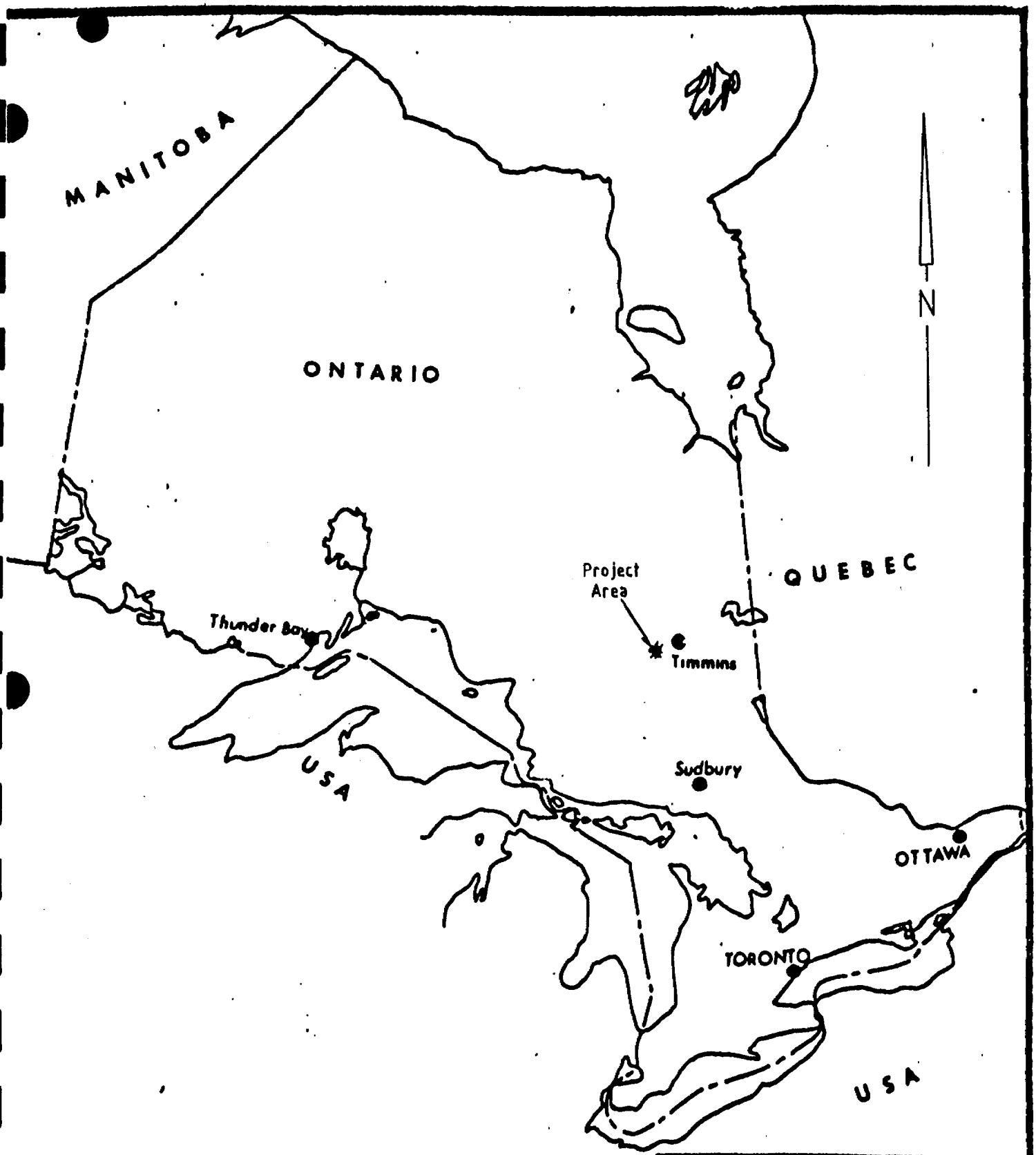
The block of claims under discussion forms one contiguous group consisting of 8 unpatented mining claims.

The claim block is located in the Northwest corner of Bristol Township, District of Cochrane, Porcupine Mining Division, Northeastern Ontario. (Figures 1,2).

The claims numbers are as follows:

LOCATION	CLAIM NUMBER
Bristol Township	725351
"	725352
"	725353
"	725354
"	725355
"	725356
"	725357
"	725358

(refer to Claim Group Sketch, Figure 3)

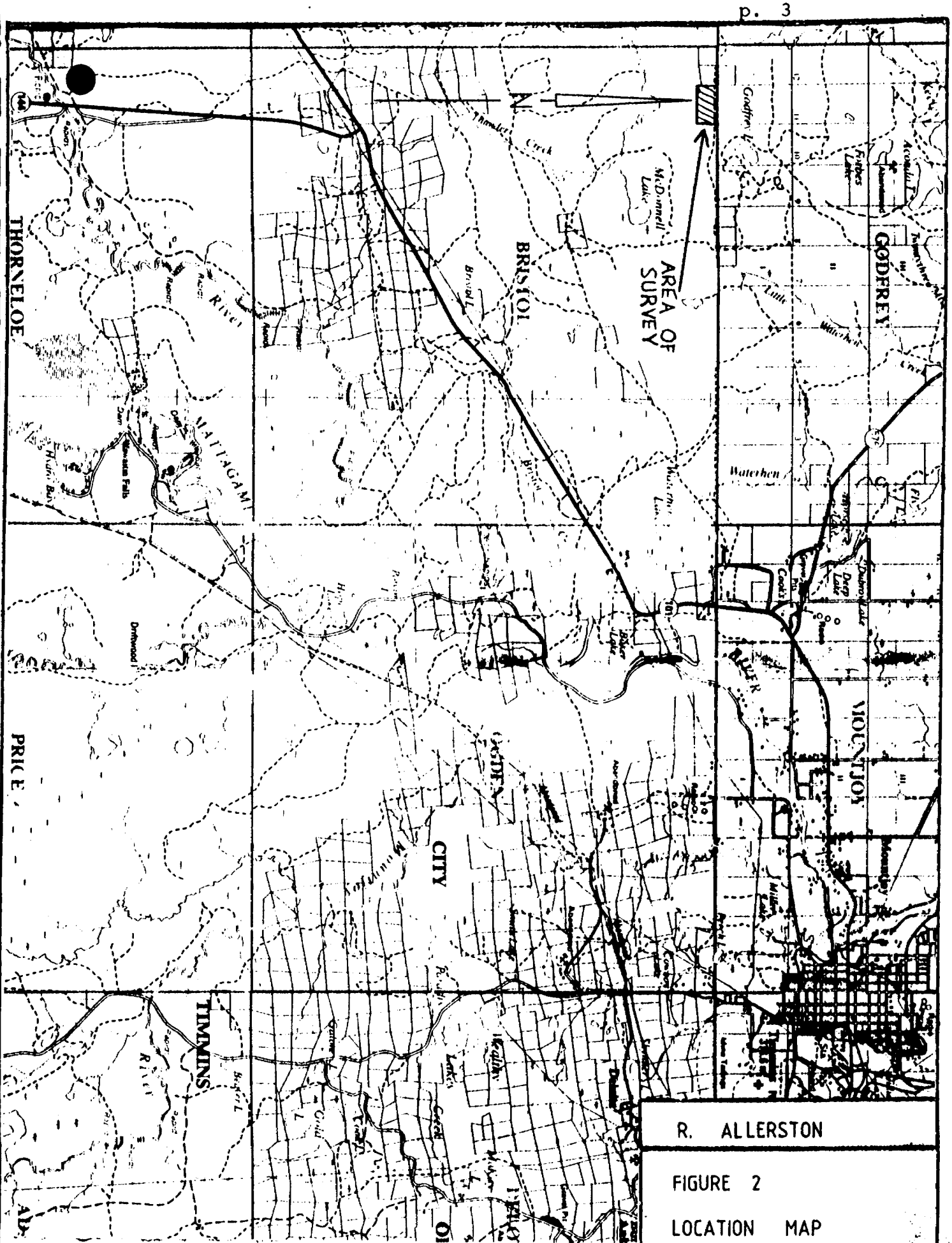


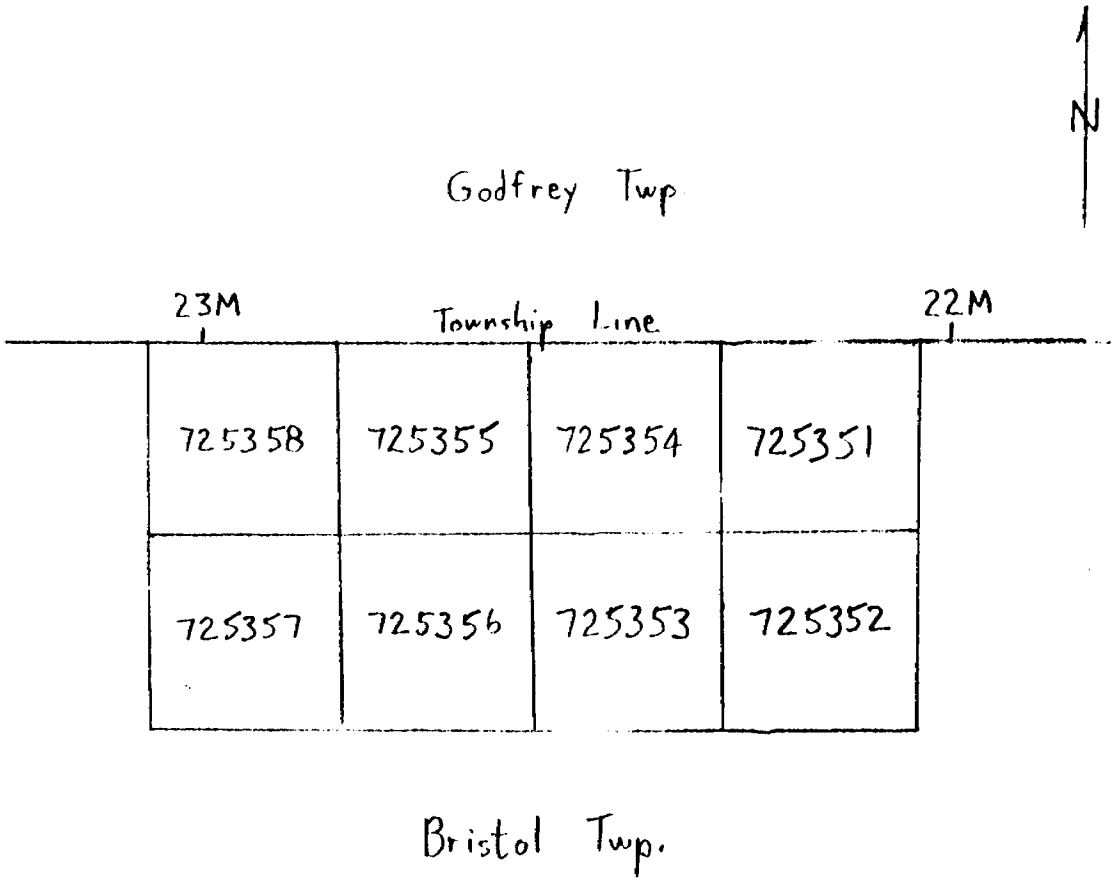
R. ALLERSTON

FIGURE 1

LOCATION MAP

0 125 miles 250


AREA OF SURVEY
BRISTOL
THORNELOE
GODFREY
MATTAGAMI RIVER
PRICE
CITY
TIMMINS
MOUNTJOY
R. ALLERSTON
FIGURE 2
LOCATION MAP
SCALE: 1:100 000
EXSICS EXPLORATION LIMITED.



R. ALLERSTON

FIGURE 3

CLAIM BLOCK

SCALE: 1 inch=1/4 mile

EXSICS EXPLORATION LIMITED.

LOCATION

The property is located 13 miles West, Southwest of the city of Timmins.

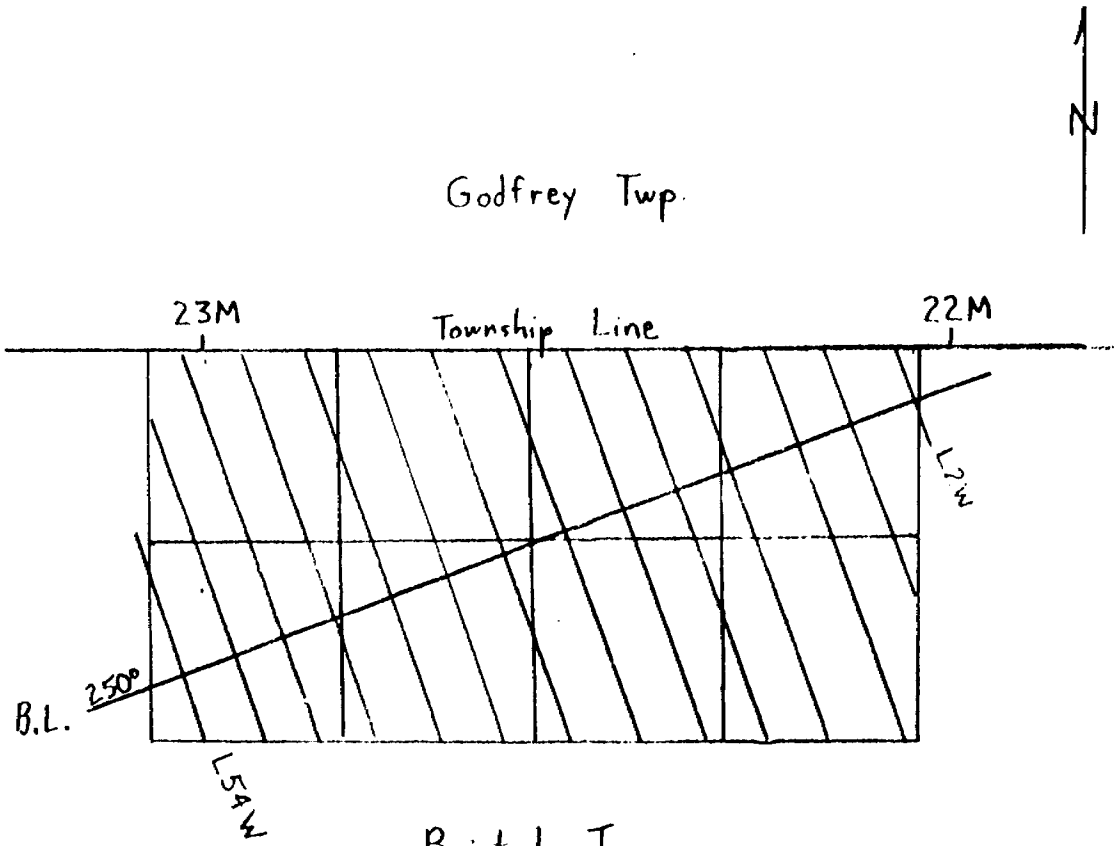
More specifically it is situated such that the Northwest corner of the block is 1 mile East of the corner posts of Bristol, Godfrey, Turnbull and Carscallen Townships, and the North boundary of the block follows Malletts Lumber road which also represents the township line between Bristol and Godfrey Township.

ACCESS

Access to the property is ideal. If one travels West from the City of Timmins along Highway 101 to Mallette's Lumber operation and then West along their lumber road, constructed along the township line between Ogden and Mountjoy and Bristol and Godfrey, for approximately 6 miles, you will reach the Northeast corner of the block. (refer to sketches 2 & 3).

LINECUTTING PROGRAM

A detailed grid was established to cover the entire claim block. A baseline was established at 250 and cut from L0+00 to L5400' West. Cross lines were turned off at 400' intervals from L0+00 to L5400W and cut to the North and South boundaries of the claim group. All of the cross lines and baseline were chained and picketed at 100' intervals. A total of 8 miles of grid and baselines were cut. (refer to figure 4).



R. ALLERSTON

FIGURE 4

GRID SKETCH

SCALE: 1 inch=1/4 mile

EXSICS EXPLORATION LIMITED.

GEOPHYSICAL PROGRAM

Exsics Exploration Limited was contracted to perform detailed magnetic and EM-MaxMin II surveys over the entire grid. All of the grid lines were read at 100' intervals.

SURVEY PROCEDURES

Magnetometer Survey

The magnetic survey was completed on 8 miles of grid lines using a Scintrex, MP-2 , portable proton magnetometer. A total of 465 readings were collected.

This collected data was then plotted on a base map using a scale of 1" to 200' and contoured at 50 and 100 gamma intervals wherever possible. For convenience in plotting the magnetic data, a base level of 58,000 gammas was removed from all the readings. This base map can be found in the back packet of this report.

The specifications for the Scintrex, MP-2, Proton Magnetometer can be found as Appendix A of this report.

EM Survey

The EM survey was completed over the entire grid using the MaxMin II, Horizontal loop, system, manufactured by Apex.

A coil seperation of 410 feet was used and the two frequencies recorded were the 1777Hz and 444Hz.

The collected data was then plotted on two base maps, one map for the 1777Hz frequency and one map for the 444Hz frequency. A scale of 1" to 20% was used in plotting the values.

These base maps can be found in the back packet of this report. Specifications of the MaxMinII system can be found as Appendix B of this report.

SURVEY RESULTS

The magnetic data was successful in locating and detailing the diabase dike, noted on the geology map, figure 5[1], which parallels Line 3800W of the survey grid.

Another area of interest is located Southwest of the dike betweeen lines 3800W and 5000W. The Southern flank of this magnetic feature may in fact represent the geological contact between the intrusive quartz-porphyry and the felsic volcanics. Also of interest in this feature is the isolated lows North of the baseline between lines 5000W and 4600W, which may relate to a possible alteration zone.

Another area of interest is located, paralleling the baseline between lines 1800W to 600W.

This feature possibly relates to the volcanic outcrops coming out of the swamp in the area. The outcrops are mapped as massive lavas flows.

The MaxMin surveys outlined two questionable responses, generally noted only on the 1777Hz or high frequency channel.

The weak 400' zone between lines 1000W and 1400W may relate to topography. Interpretations show a weak 3 - 3.5 mho source at a depth of 200 - 220 feet.

A second single line response was noted on L2600W, 100' South of the baseline. Interpretations show a 7 mho response at a 200' depth.

There does not appear to be any definite magnetic correlation with either response.

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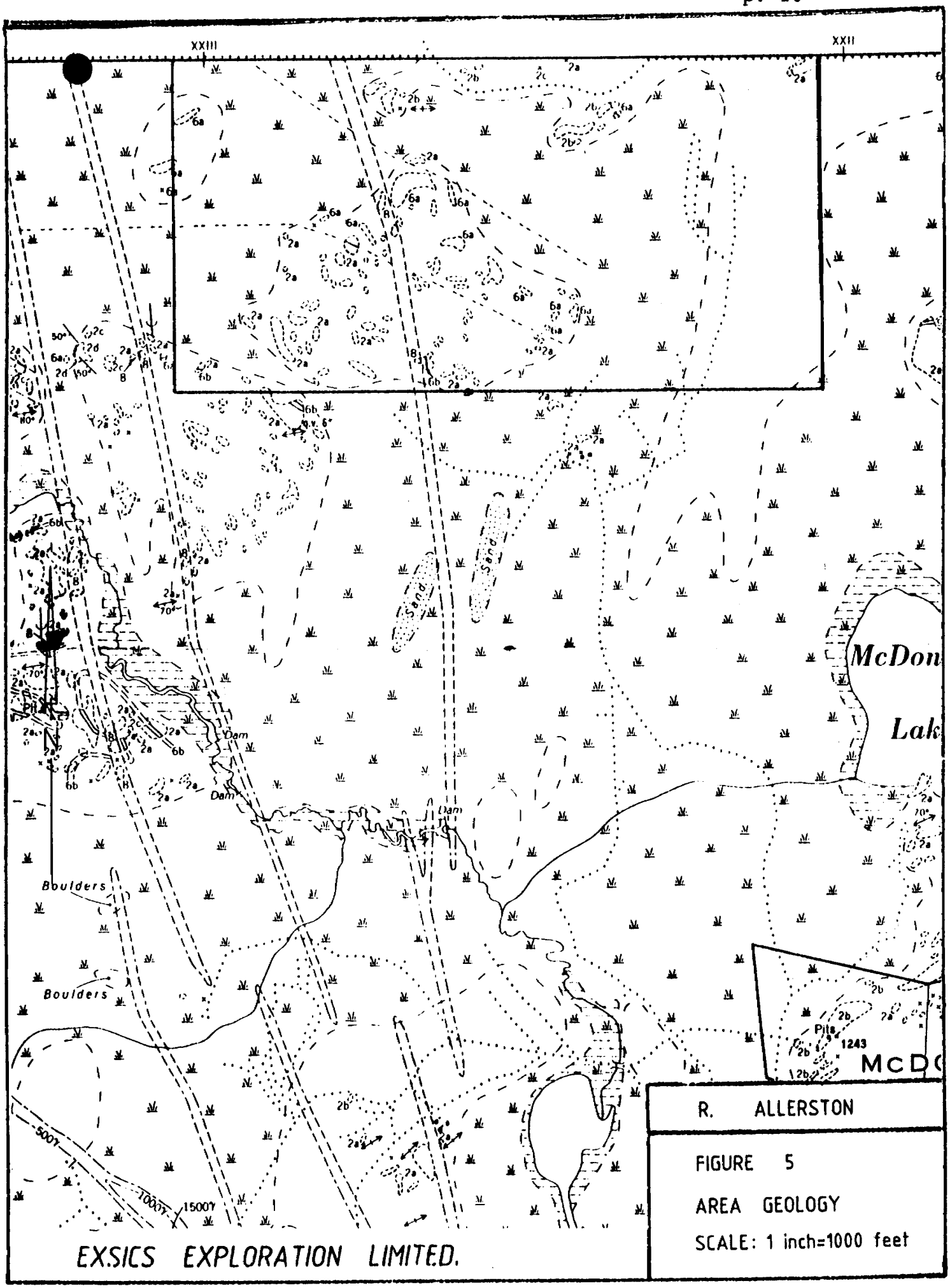
[1]Bristol Township, Map No. 1957-7, scale 1" to 1000'.


XXIII
XXII
Boulders
Boulders
Dam
Dam
Dam
Pits
1243
McDon
Lak
McD
R. ALLERSTON
FIGURE 5
AREA GEOLOGY
SCALE: 1 inch=1000 feet
EXSICS EXPLORATION LIMITED.

RECOMMENDATIONS AND CONCLUSIONS

Although the EM response was discouraging, the magnetics show at least two areas of interest. Both of these areas should have detailed, geological surveys done to determine if the magnetic lows are related to alteration zones.

If these alteration zones are encountered, stripping and trenching may be considered.

CERTIFICATE

I, John C. Grant, hereby certify that:

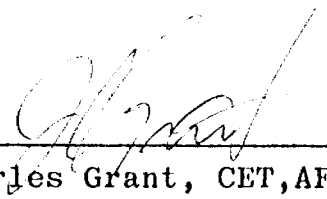
1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years), North Bay Office, and as exploration manager and Geophysicist for Exsics Exploration Limited, from 1980 to the present.

2) I am a Member of the Certified Engineering Technologist Association since 1984.

3) I am an Associate Member of the Geological Association of Canada.

4) I have been actively engaged in my profession for the last eleven (11) 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,AFGAC,
Consulting Geophisicist
Exsics Exploration Limited.

SCINTREX

earth science division

Proton Precession Magnetometer for Portable or Base Station Use

MP-2

features

- *1 gamma sensitivity and accuracy over range of 20,000 to 100,000 gammas.*
- *Operates in very high gradients, to 5000 gammas per metre.*
- *Ultra small size and weight.*
- *Up to 25,000 readings from only 8 D cells.*
- *Battery pack isolated from electronics for corrosion protection.*
- *Battery pack easily extended for winter use.*
- *Light-emitting diode digital display, with complete test feature.*
- *Unique no-glare polarized reflector permits easy reading in bright sunlight.*
- *Indicator light warning of excessive gradient, ambient noise or electronic failure.*
- *Digital readout of battery voltage.*
- *Rugged all metal housing for rough field use at all temperatures.*
- *Automatic recycling or external trigger features permit ready conversion to base station use.*
- *Short reading time.*
- *Broad operating temperature range.*

The MP-2 is a portable one gamma proton precession magnetometer for field survey or base station use. The optimized design of sensor and circuitry using the latest CMOS components has resulted in a very light weight, low power consumption, rugged and reliable magnetometer.

Light emitting diodes coupled with an ingenious optically polarized reflector combine solid state reliability with easy reading even in bright sunlight.

A standard automatic recycling feature allows ready use of the MP-2, with suitable (optional) interfacing, as a base station recorder in analogue or ditigal form. Alternatively, a remote trigger can be used.

The noise-cancelling dual-coil sensor and electronics have been so designed as to effectively eliminate reading problems due to virtually all magnetic gradients which may be encountered in field survey conditions.

TECHNICAL DESCRIPTION OF MP-2 MAGNETOMETER

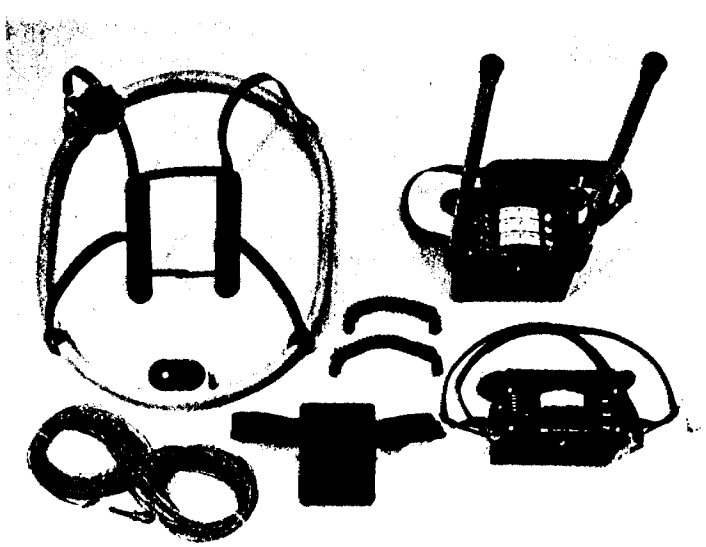
SCINTREX

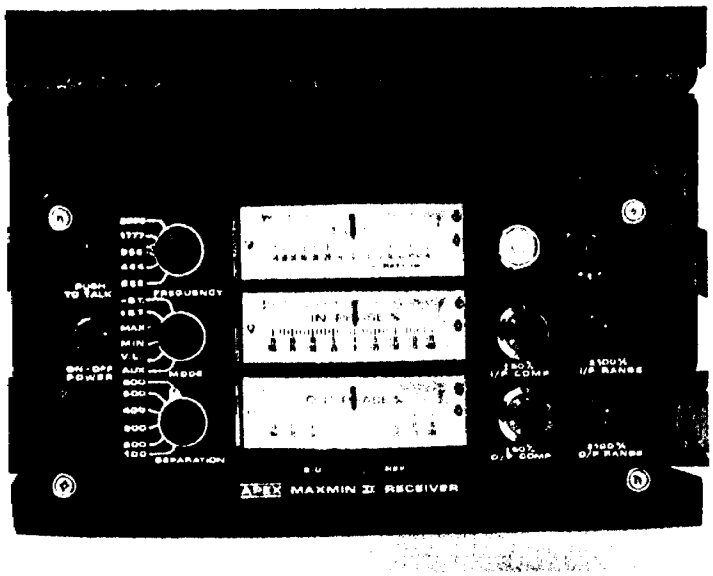
RESOLUTION	1 Gamma.
TOTAL FIELD ACCURACY	± 1 Gamma over full operating range.
RANGE	20,000 to 100,000 gammas in 25 overlapping steps.
INTERNAL MEASURING PROGRAMME	Single reading — 3.7 seconds. Recyc. feature permits automatic repetitive readings 3.7 seconds intervals.
EXTERNAL TRIGGER	External trigger input permits use of sampling intervals longer than 3.7 seconds.
DISPLAY	5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage.
RECORDER OUTPUT (Optional)	Multiplied precession frequency and gate time outputs for interfacing with incremental tape recorders (eg. Increlogger) for digital recording. As an additional option a digital to analogue convertor is available for use with analogue recorders.
GRADIENT TOLERANCE	Up to 5000 gammas/metre.
POWER SOURCE	8 alkaline "D" cells provice up to 25,000 readings at 25° C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.
SENSOR	Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance.
HARNESS	Complete for operation with staff or back pack sensor.
OPERATING TEMPERATURE TANGE	−35°C to +60°C.
SIZE	Console, with batteries: 80 x 160 x 250mm. Sensor: 80 x 150mm. Staff: 30 x 1550mm. (extended) 30 x 600 mm. (collapsed)
WEIGHTS	Console, with batteries: 1.8kg. Sensor: 1.3kg. Staff: 0.6kg.

SCINTREX LIMITED
222 Snidercroft Road,
Concord, Ontario, Canada L4K 1B5
TELEPHONE (416) 669-2260, TELEX 06-964570

APEX MAXMIN II PORTABLE EM

- Five frequencies: 222, 444, 888, 1777 and 3555 Hz.
- Maximum coupled (horizontal-loop) operation with reference cable.
- Minimum coupled operation with reference cable.
- Vertical-loop operation without reference cable.
- Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.
- Reliable data from depths of up to 180 m (600 ft).
- Built-in voice communication circuitry with cable.
- Tilt meters to control coil orientation.





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 reference cable.
MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.
V.L. : Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

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

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 90mm edgewise meters in V.L. mode.

Scale Ranges:
In-Phase: ±20%, ±100% by push-button switch.
Quadrature: ±20%, ±100% by push-button switch.
Tilt: ±75% slope.
Null (V.L.): Sensitivity adjustable by separation switch.

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

Repeatability: ±0.25% to ±1% normally, depending on conditions, frequencies and coil separation used.

Sensitivity (Typical):
- 222Hz : 220 Atm^2
- 444Hz : 200 Atm^2
- 888Hz : 120 Atm^2
- 1777Hz : 60 Atm^2
- 3555Hz : 30 Atm^2

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

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

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

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Magnetic and EM, MaxMin II Surveys

Township or Area Bristol Township

Claim Holder(s) Mr. Ralph E. Allerston

543 Pine Street, North, Timmins, Ont.

Survey Company Exsics Exploration Limited

Author of Report John C. Grant

Address of Author P.O.Box 1880, Timmins, Ontario

Covering Dates of Survey April 16-19/86, May 11-12,86 (linecutting to office)

Total Miles of Line Cut 8.0 miles

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
--Electromagnetic	40
--Magnetometer	20
--Radiometric	
--Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: May 14, 1986 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	725351
	725352
	725353
	725354
	725355
	725356
	725357
	725358

If space insufficient, attach list

TOTAL CLAIMS 8

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations mag. 465 MaxMin. 460 Number of Readings mag. 465 MaxMin. 1840

Station interval 100 foot Line spacing 400 foot

Profile scale 1" = 20%

Contour interval 25, 50, 100 gamma interval

MAGNETIC

Instrument Scintrex, MP-2 Portable Proton Magnetometer

Accuracy – Scale constant ± 1 gamma

Diurnal correction method loop method, various basestations on the grid

Base Station check-in interval (hours) 2 hours

Base Station location and value L 4/600W / 1800N - (58800)

ELECTROMAGNETIC

Instrument Apex, MaxMin II System

Coil configuration Horizontal Loop

Coil separation 150 meter, 410 feet

Accuracy ± 0.5 %

Method: ☐ Fixed transmitter ☐ Shoot back ☒ In line ☐ Parallel line

Frequency 1777 and 444 hz (specify V.L.F. station)

Parameters measured Inphase and Quadrature

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth -- include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Ministry of Northern Affairs and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

#301/86

Minin

42A05NE8462 2.9436 BRISTOL

900

Type of Survey(s)

Magnetic and MaxMin II surveys

Township or Area

Bristol Township

Claim Holder(s)

Mr. R.E. Allerston, 543 Pine St. North, Timmins, Ont

Prospector's Licence No.

Address

Same as above

Survey Company

Exsics Exploration Limited

Date of Survey (from & to)

16 | 04 | 86 | 19 | 04 | 86

Total Miles of line Cut

8.0

Name and Address of Author (of Geo-Technical report)

J.C.Grant P.O.Box 1880, Timmins, Ontario, P4N 7X1

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED
OCT 01 1986
MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	725351	
	725352	
	725353	
	725354	
	725355	
	725356	
	725357	
	725358	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECORDED
SEP 17 1986

PORCUPINE MINING DIVISION
RECEIVED
SEP 17 1986

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. 8

For Office Use Only

Total Days Cr. Recorded 1140

Date Recorded Sept. 17/86

Date Approved as Recorded 86.10.7

Mining Recorder

Branch Director

Date May 14,86

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

J.C.Grant, P.O.Box 1880, Timmins, Ont

Date Certified

Certified by

MAP SYMBOLOGY

Aerial Cableway
Boundary
Township, Mining Division, Land Titles Division
Bridge
Building
Chimney
Cliff, Pit, Pile
Contours
Culvert
Falls
Fence, Hedge, Wall
Feature Outline
Flooded Land
Lock
Marsh or Swamp
Mast
Mine Head Frame
Outcrop
Pipeline
Railroad
Road
Highway, County, Township
Rapids
Reservoir
River, Stream, Canal
Control Points
Rock
Spot Elevation
Tower
Transmission Line
Tunnel
Utility Poles
Wharf, Dock, Pier
Wooded Area

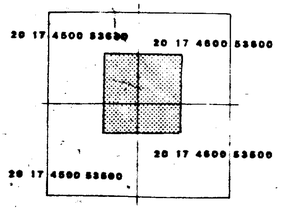
AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
			S.R.O.	184584

(R) WITHDRAWN UNDER SECT. 35 MINING ACT — W-22/85 Wou-1/85 M.+S. NRW 31/85

KEY PLAN
For O.B.M. Map



not to scale

GODFREY TWP. G-

CARSCALLEN TWP. G-

OGDEN TWP. G-

THORNELOE TWP. G-

23M 22M 21M 20M 19M
5M 4M 3M 2M 1M

Waterhen Lake

Red River

Sucker

CLAIM 286

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIPS 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	OC
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. 1970 CHAP. 380 SEC. 83 SUBSEC. 1

Metres 100 0 1000
Chains 10 0 10 20 30 40 50 60 70
Feet 500 0 1000 2000 3000 4000 5000

SCALE 1:20 000

PORCUPINE MINING DIVISION
RECEIVED
SEP 15 1986
LAND TITLES REGISTRY

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

Ontario Ministry of Natural Resources — Land Management Branch

Date: JUNE, 1982
Number: G-3998

42A05NE8462 2.9436 BRISTOL

200

L 5400 W | L 5000 W | L 4600 W | L 4200 W | L 3800 W | L 3400 W | L 3000 W | L 2600 W | L 2200 W | L 1800 W | L 1400 W | L 1000 W | L 600 W | L 200 W

2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
BL0
200 S
400 S
600 S
800 S
1000 S
1200 S
1400 S
1600 S
1800 S
2000 S
2200 S
2400 S

725357 | 725358 | 725356 | 725355 | 725353 | 725354 | 725352 | 725351

N

Township Line of GODFREY Twp. (Road)

725358	725355	725354	725351
725357	725356	725353	725352

LOCATION MAP
Bristol Twp.
Scale: 1:20 000

LEGEND

OUT PHASE IN PHASE

Conductor Axis:

Out Phase: ·—·—·—·

In Phase: ×—×—×—×

Rx 150 m Tx
Coil Seperation

Frequency: 444 Hz

Instrument: Apex Max-Min II Metric

KEY

Claim Number: 725352

Claim Post: ■

Client: Ralph Allerston

Grid: Bristol Township

Survey: Horizontal Loop Max-Min II
444 Hz

29436

Date: April 1986	Plotting: W.Pearson
Scale: 1"=200' 1"=20%	Interpretation: J.Grant

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42A05NE8462 2.9436 BRISTOL

L 5400 W
L 5000 W
L 4600 W
L 4200 W
L 3800 W
L 3400 W
L 3000 W
L 2600 W
L 2200 W
L 1800 W
L 1400 W
L 1000 W
L 600 W
L 200 W
2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
BLO
200 S
400 S
600 S
800 S
1000 S
1200 S
1400 S
1600 S
1800 S
2000 S
2200 S
2400 S
725358
725357
725356
725355
725354
725353
725352
725351
7 mhos 200'
3.5 mho 240'
3 mho 200'
N
Township Line of GODFREY Twp. (Road)
725358 725355 725354 725351
725357 725356 725353 725352
LOCATION MAP
Bristol Twp.
Scale: 1:20 000
LEGEND
OUT PHASE IN PHASE
Conductor Axis:
Out Phase:
In Phase:
Rx 150 m Tx
Coil Sepertation
Frequency: 1777 Hz
Instrument: Apex Max-Min II Metric
KEY
Claim Number: 725352
Claim Post:
Client: Ralph Allerston
2.9436
Grid: Bristol Township
Survey: Horizontal Loop Max-Min II
1777 Hz
Date: April 1986
Plotting: W.Pearson
Scale: 1"=200' 1"=20%
Interpretation: J.Grant
EXSICS EXPLORATION LIMITED
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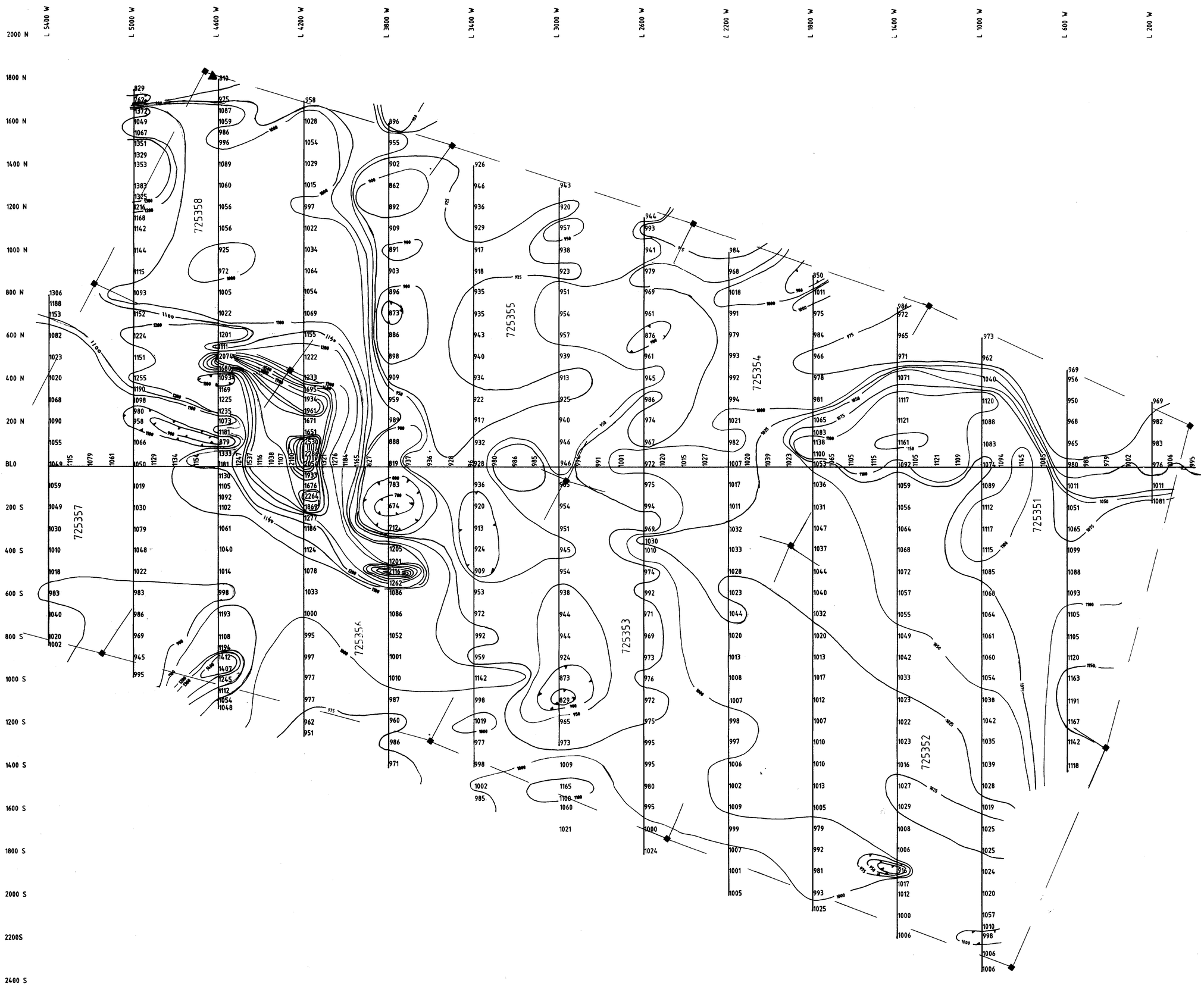
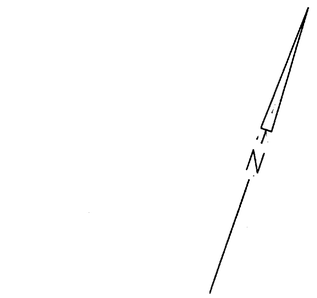
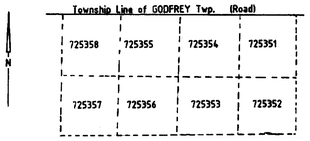
42A06NE8462 2.9436 BRISTOL
220







LOCATION MAP
Bristol Twp.
Scale: 1:20 000

LEGEND

Total Magnetic Field: 58000 gammas
Contour Intervals 100 50
Depression:
Base Station: ▲
Instrument: MP-2 Scintrex
Operator: Exsics Exploration Ltd.

KEY

Claim Number: 725352
Claim Post: ■

Client: Ralph Allerston
Grid: Bristol Township
Survey: Magnetometer

2.9436

Date: April 1986	Plotting: W.Pearson
Scale: 1"=200'	Interpretation: J.Grant

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