



41P12SE0520 2.13771 CHAMPAGNE

010

A-875

REPORT ON A

HIGH SENSITIVITY
MAGNETIC & VLF-EM
AIRBORNE SURVEY

MALLARD, YEO, CHESTER,
BENNEWEISS & CHAMPAGNE
TOWNSHIPS

PORCUPINE
MINING DIVISION
ONTARIO

2.13771

for

BLUE FALCON MINES LTD.

RECEIVED

DEC 17 1990

MINING LANDS SECTION

by

TERRAQUEST LTD.
Toronto, Canada

December 11, 1990

TERRAQUEST LTD.

240 Adelaide Street West, Toronto, Canada M5H 1W7, Telephone (416) 971-5400, Fax (416) 971-6449



41P12SE0520 2.13771 CHAMPAGNE

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Figure 1 - General Location Map
 Figure 2 - Survey Area Map
 Figure 3 - Sample Record

LIST OF MAPS IN JACKET

No. A-875-1, Total Magnetic Field
 No. A-875-2, VLF-EM Survey

The survey is plotted on four map sheets as follows:

- (A-875.1) Mallard Township
- (A-875.2) Yeo & Chester Townships
- (A-875.3) Chester & Benneweiss Townships
- (A-875.4) Champagne Township

240 Adelaide Street West, Toronto, Canada M5H 1W7. Telephone (416) 971-5400, Fax (416) 971-6419



1.0 INTRODUCTION

This report describes the specifications and results of an air-borne geophysical survey carried out for BLUE FALCON MINES LTD. of 20 Advance Blvd, Brampton, Ontario L6T 4R7 by Terraquest Ltd., 240 Adelaide Street West, Toronto, Canada. The field work was completed on July 24, 1990 and the data processing and reporting was carried out from December 1 to 11, 1990.

The purpose of a survey of this type is two-fold. First to prospect directly for anomalously conductive and magnetic areas in the earth's crust which may be caused by, or at least related to, mineral deposits. A second is to use the magnetic and conductivity patterns derived from the survey results to assist in mapping geology, and to indicate the presence of faults, shear zones, folding, alteration zones and other structures potentially favourable to the presence of gold and base-metal concentration. To achieve this purpose the survey area was systematically traversed by an aircraft carrying geophysical instruments along parallel flight lines spaced at even intervals, 90 metres above the terrain surface, and aligned so as to intersect the regional geology in a way to provide the optimum contour patterns of geophysical data.

2.0 THE SURVEY AREAS

The survey covers parts of five Townships in seven noncontiguous blocks. These blocks are grouped as follows:

MALLARD TOWNSHIP (A-875.1)

The Mallard Township Block (A-875.1) is located in the northwest quadrant of Mallard Township, in the Porcupine Mining Division of Ontario about 110 kilometres southwest of the town of Timmins. The claims lie in the vicinity of Woman River and can be reached by numerous bush roads which connect with the Eddy Forest Road to the south.

The latitude and longitude are 47 degrees 44 minutes, and 82 degrees 20 minutes respectively, and the N.T.S. reference is 410/9.

The claim numbers for assessment credit are shown in figure 2a and listed below:

- P. 1071953-1071954 (2)
- 1071959-1071962 (4)
- 1091105-1091113 (9)
- 1087798-1087799 (2)
- 1074704-1074705 (2).....total 19 claims



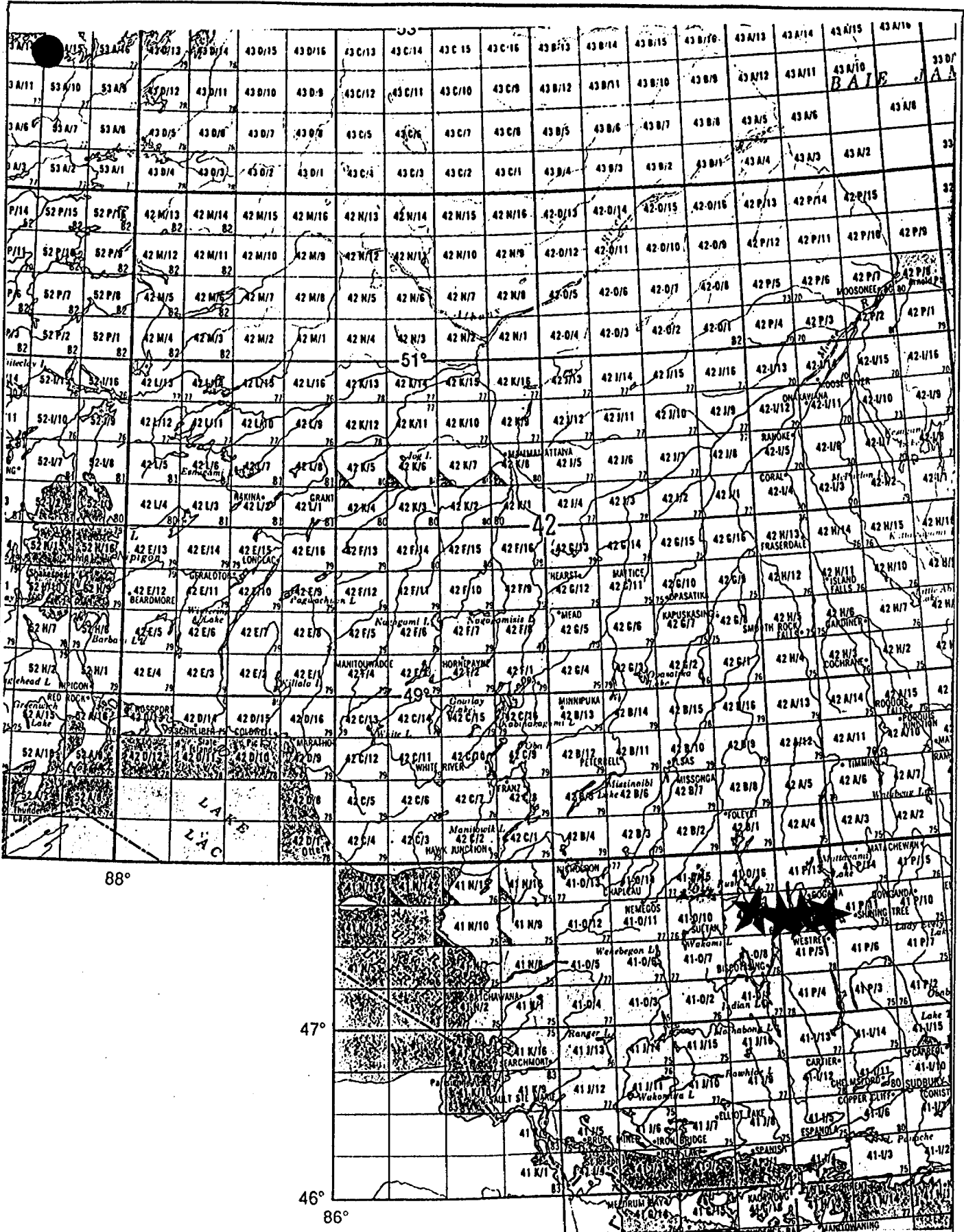


FIGURE 1. General Location

YEO & CHESTER TOWNSHIPS (A-875.2)---

Most of the claims of this group lie in the northern and north-eastern parts of Yeo Township and a few claims lie along the western edge of Chester Township. This survey block is approximately 110 kilometres south southwest of the town of Timmins and can be accessed by bush roads leading north from the Eddy Forest Road.

The latitude and longitude are 47 degrees 34 minutes, and 82 degrees 00 minutes respectively, and the N.T.S. reference is 410/9 and 12.

The claim numbers are shown in figure 2b and listed below:

Yeo Township

P.	924045-924054	(10)
	924210-924217	(8)
	950699-950710	(10)
	950715-950716	(2)
	995811-995833	(23)
	957265-957268	(4)
	1071958-	(1)
	1071971-1071972	(2)
	1075238-1075239	(2)
	1114058-1114061	(4)
	987537	(1)
	881298-881300	(3)....70 claims

Chester Township

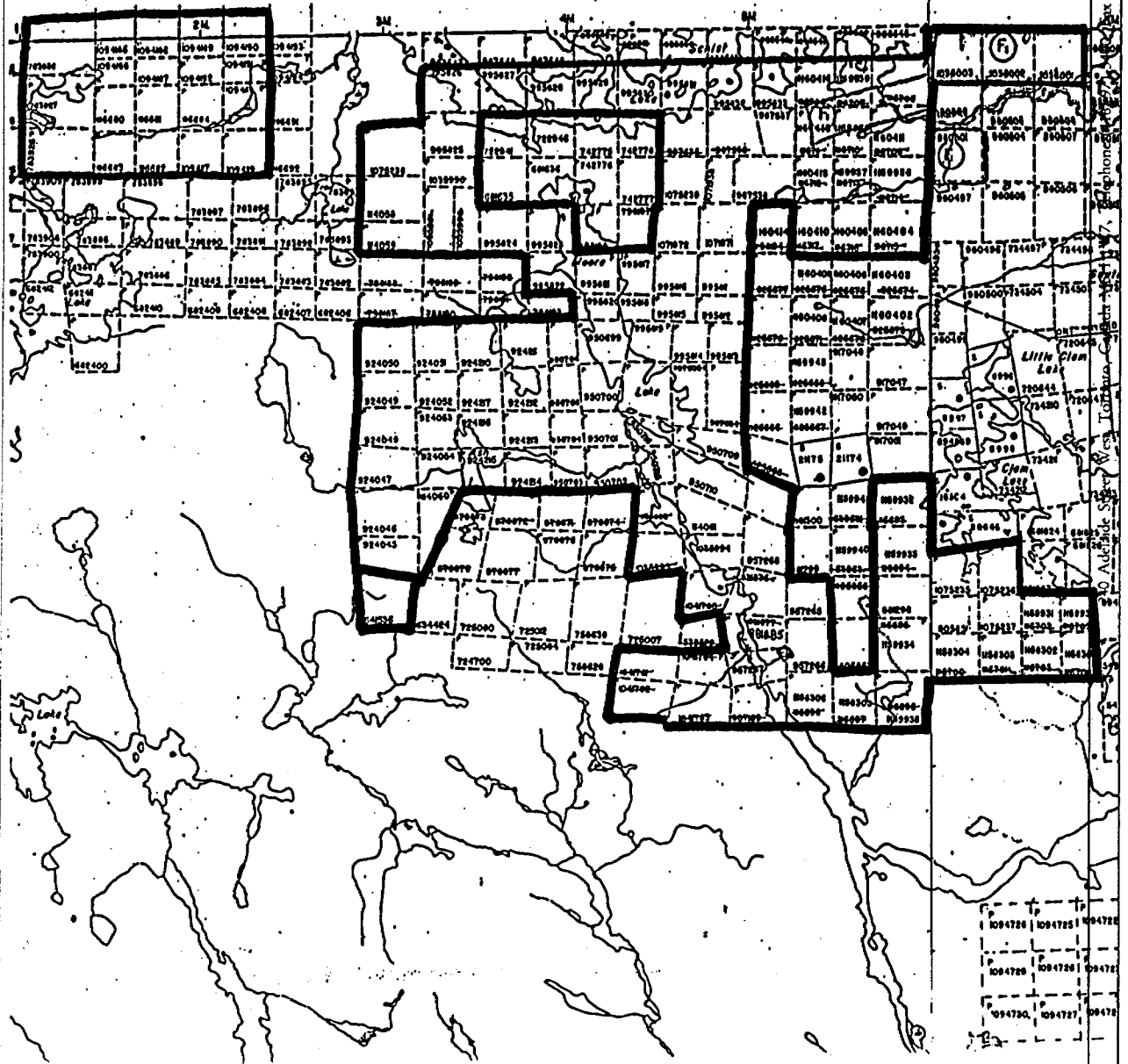
P.	1036001-1036003	(3)
	1075235-1075237	(3)
	1158301-1158304	(4)
	1159930-1159931	(2)
	805851	(1)....13 claims

CHESTER & BENNEWEISS TOWNSHIPS (A-875.3)---

This block is comprised of several claims in the northeast corner of Chester Township and some in the central western portion of Benneweiss Township, approximately 110 kilometres south southwest of the town of Timmins. The claims can be reached directly by highways #144 and old #560.

The latitude and longitude are 47 degrees 33 minutes, and 81 degrees 50 minutes respectively, and the N.T.S. reference is 41P/12.

The claim numbers are shown in figure 2c and listed below:



Registered Professional Geomatics Engineer (P.Eng.)
 1177 West Toronto, Canada
 416-971-6449

FIGURE 2 SURVEY AREA
 (exact claim locations not certified)



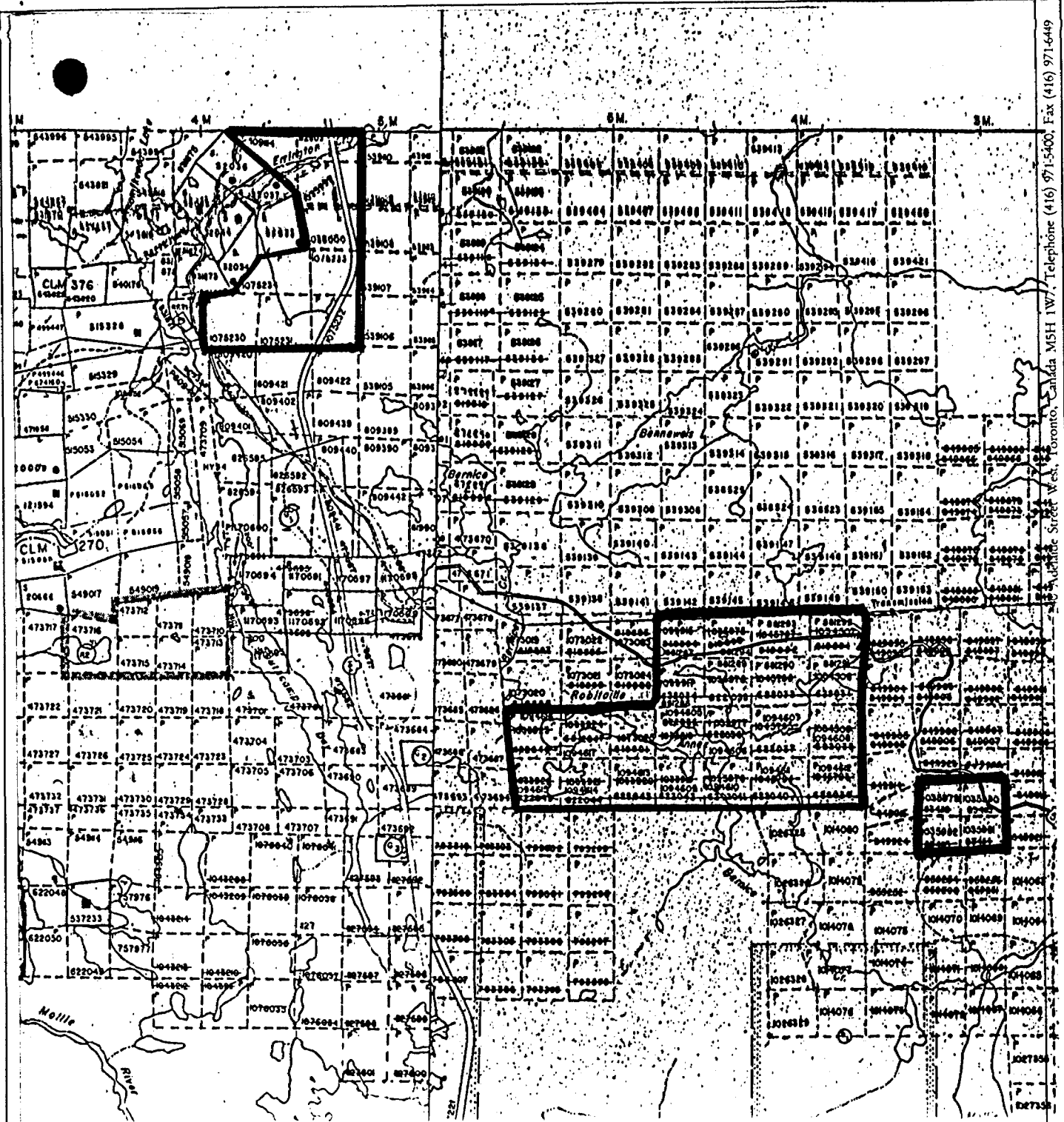


FIGURE 2c SURVEY AREA
(exact claim locations not certified)



Benneweiss Township

P. 1094605-1094617 (13)
 881285-881287 (3)
 881289-881294 (6)
 1035979-1035982 (4).....26 claims

Chester Township

P. 1091114 (1)
 1112603 (1)
 1035999-1036000 (2)
 1075230-1075234 (5).....9 claims

CHAMPAGNE TOWNSHIP (A-875.4)

This 12 claim block is located near the centre of Champagne Township, in the Porcupine Mining Division of Ontario about 110 kilometres south southwest of the town of Timmins. The claims lie at the intersection of the old #560 highway and the CNR tracks, at station Makwa.

The latitude and longitude are 47 degrees 31 minutes, and 81 degrees 41 minutes respectively, and the N.T.S. reference is 41P/12.

The claim numbers are shown in figure 2d and listed below:

Champagne Township

P. 1041797-1041801 (5)
 819904-819906 (3)
 622056-622059 (4)....12 claims

3.0 GEOLOGY

Map References

1. Map 41d: Three Ducks Lake Area. scale 1:47,520, ODM, 1932
2. Map 44g: Opeepeesway Lake Area. scale 1:63,360, ODM, 1935
3. Map 2205: Timmins-Kirkland Lake Geological Compilation Series. scale 1:253,440, ODM, 1973
4. Map 2352: Chapleau. scale 1:250,000 ODM, 1976
5. Map 2504: Benton and Mallard Townships. scale 1:31,680, OGS, 1987
6. Map P.2342: Mallard Township: scale 1:15,840. OGS, 1980
7. Map P.2449: Chester and Yeo Townships. scale 1:15,840. OGS, 1981
8. Map P.2534: Pensyl Lake Area. scale 1:15,840, OGS 1982

The Mallard Township claim block is underlain by massive to foliated mafic metavolcanics with a predominant schistosity that strikes to the northwest. A semiconformable, narrow gabbroic

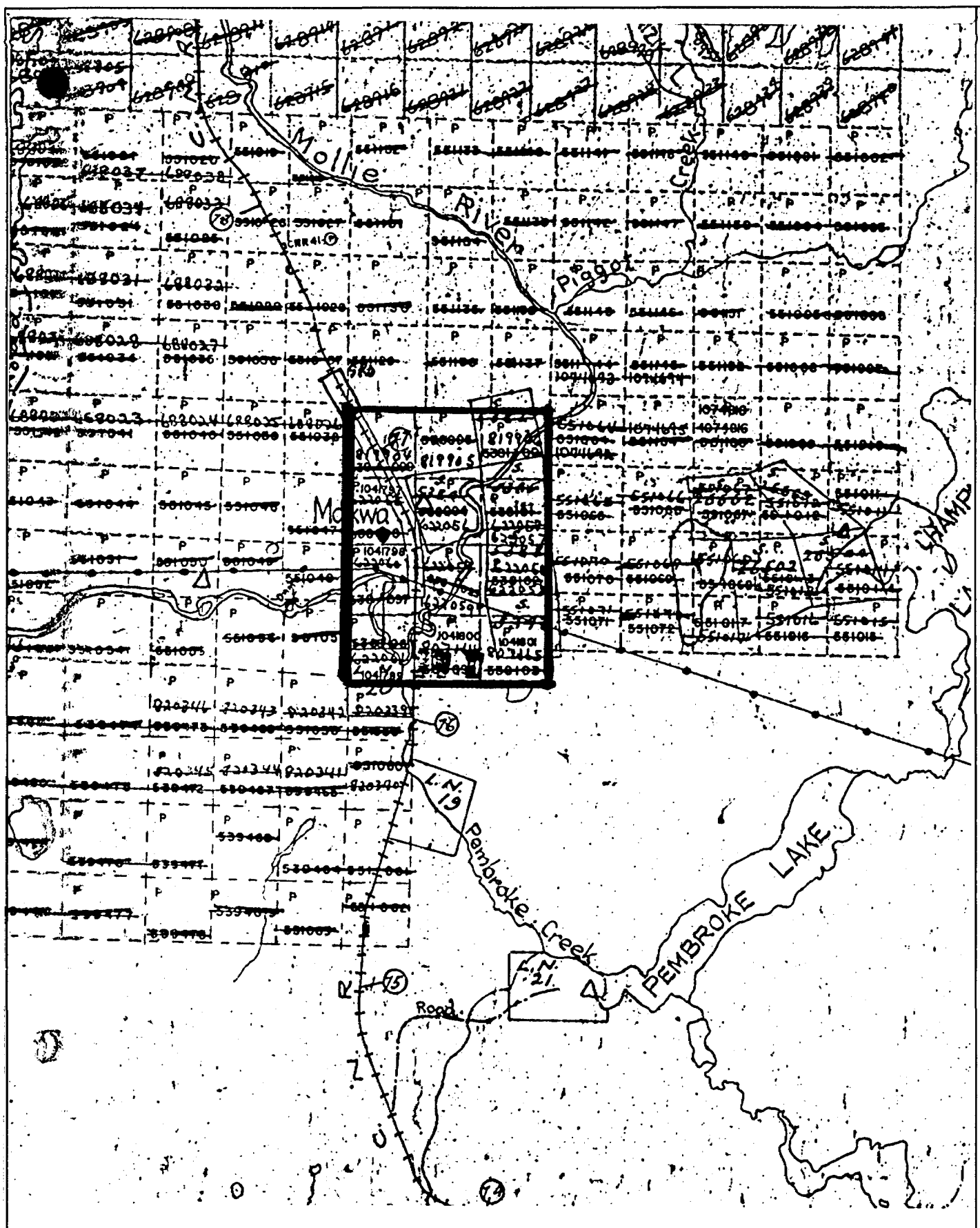


FIGURE 2d SURVEY AREA

(exact claim locations not certified)



intrusive occurs to the north. A significant gold showing occurs near the major bend in the Woman River.

The claims in Yeo, Chester and Benneweiss Townships are also underlain predominantly by east-west trending mafic metavolcanics with thin horizons of intermediate metavolcanics. The southernmost portions straddle the contact with batholithic felsic intrusives primarily trondhjemite. Thin metavolcanic horizons and migmatitic rocks occur within the batholithic rocks. Iron formation plus numerous showings of gold, copper, lead and zinc occur throughout this area.

The Benneweiss and Champagne claim groups are underlain primarily by the trondhjemitic batholithic suite plus migmatitic rocks and thin horizons of metavolcanic rocks. A gold showing with pyrrhotite, chalcopyrite and pyrite occurs within the migmatitic rocks just east of Mollie River in Champagne Township.

North to northwest trending diabase dykes occur throughout the entire area. Most of the cross structures also trend to the northwest.

4.0 SURVEY SPECIFICATIONS

4.1 Aircraft and Instruments

The survey was carried out using a Cessna 206 aircraft, registration C-GUCE, which carries a magnetometer and a VLF electromagnetic detector.

The magnetometer sensor is a high sensitivity, optically pumped cesium vapour magnetometer mounted in a wingtip extension. It's specifications are as follows:

Working range:	20,000-100,000 gammas
Sensitivity:	0.005 gammas
Sampling rate:	0.2 seconds
Model:	BIW 2321H8
Manufacturer:	Scintrex, Concord Ontario.

The magnetometer processor is a PMAG 3000 and the data acquisition system is a PDAS 1000, both manufactured by Picodas Group Inc.

The signal to noise ratio of the magnetic response is improved by a real time compensation technique provided by Picodas Group Inc. The sources of noise are permanent, induced and eddy current effects of the airframe, and the heading effects. The system uses three orthogonal fluxgate magnetometers to measure the aircraft attitude with respect to the earth's magnetic field vector. A mathematical model is used to solve this interference effect.

The VLF-EM antenna is mounted in a reinforced fibreglass tube projected forward from the midsection of the starboard wing. It is composed of three orthogonal coils and measures (a) the total field strength of the EM field, and (b) the quadrature which is defined as the phase difference between the vertical coil and either one of the horizontal coils. The polarity is defined by the direction of flight, routinely normalized to north or east headings. The total field magnitude is insensitive to antenna orientation in pitch, roll and yaw.

The VLF-EM system measures two frequencies simultaneously so as to allow two transmitters to be selected to ensure good coupling with the target conductors. The "LINE" transmitter (Channel 1) is located ideally at right angles to the flight lines such that the transmitted energy will couple well with the stratigraphy. In this case the recorded quadrature is the phase difference between the vertical coil and the "along line" or LINE coil.

The "ORTHO" transmitter (Channel 2) is ideally located along the flight lines or along the direction of cross-faulting, and the recorded quadrature is the phase difference between the vertical coil and the "across line" or ORTHO coil.

Although total field and quadrature data are recorded from both Channels, only the data from Channel 1 are routinely processed and plotted. The data from the Channel 2 are available for processing if requested.

Occasionally the transmitters are shut down for maintenance, when this happens the next most suitable transmitter is selected.

The specifications of the VLF-EM system are:

Frequency Range	15kHz to 25kHz for each channel
Sensitivity Range	130uV to 100mV m at 20kHz 3dB down at 14kHz and 24kHz
Accuracy:	1%
Reading Interval:	0.2 second
Model:	TOTEM 2A
Manufacturer:	Herz Industries, Toronto, Canada

Other instruments are:

- * King KRA-10A radar altimeter
- * PDAS-1000 data processor with 40 mByte cassette tape and 3 1/2" disk recorder manufactured by Picodas Group Inc.
- * Trimble TRANS GPS satellite navigation
- * Video tape flight path confirmation, 1/10th second fiducial intervals and with electronic attitude compensation

4.2 Lines and Data

Total survey area.....476 kilometres
 Claim group coverage.....370 kilometres
 Line direction.....360 degrees azimuth
 Line interval.....100 metres
 Tie line interval..... 2 kilometres
 Terrain clearance.....90 metres
 Average ground speed.....193 kilometres/hour
 Data point interval:
 Magnetic.....11 metres
 VLF-EM.....11 metres
 Channel 1 ("LINE" Transmitter)..... NAA Cutler, 24.0 kHz
 Channel 2 ("ORTHO" Transmitter)..... NSS Annapolis, 21.4 kHz

FLIGHT LOG:

July 22 61 lines, 262.8 kilometres, partly cloudy
 July 23 55 lines, 76.7 kilometres, afternoon rain
 July 24 90 lines, 136.2 kilometres, overcast, thunder

4.3 Tolerances

Line spacing: Any gaps wider than twice the line spacing and longer than 10 times the line spacing were filled in by a new line.

Terrain clearance: Portions of line which were flown above 125 metres for more than one kilometre were reflight if safety considerations were acceptable.

Diurnal magnetic variation: Less than ten gammas deviation from a smooth background over a period of two minutes or less as seen on the base station analogue record.

Manoeuvre noise: nil

4.4 Navigation and Recovery

The satellite navigation system was used during periods of satellite visibility to ferry to the survey site and to survey along each line using UTM coordinates. The accuracy is variable depending on the number and condition of the satellites; however it is less than twenty five metres and typically in the ten to fifteen metre range.

For assisting the navigation of the aircraft and the recovery of the flight path, semi-controlled mosaics of aerial photographs were made from existing air photos. Each photograph forming the mosaic was adjusted to conform to the NTS map system before the mosaic was assembled. These mosaics are also used as a base for the data and interpretation maps and thereby allow detailed ground locations for follow-up investigations and further mapping.

Flight path recovery was also carried out in the field using a

TRACE 1: RAD Full Scale: 180.000 ft *

TRACE 2: V1-I Full Scale: 200.000 %

TRACE 3: V1-Q Full Scale: 200.000 % *

TRACE 4: V2-I Full Scale: 200.000 %

TRACE 5: V2-Q Full Scale: 200.000 % *

TRACE 7: MAG1 Full Scale: 875.000 nT

TRACE 9: MAG2 Full Scale: 875.000 nT

TRACE19: MAG1 Full Scale: 8.750 nT /m T-GR1

Line : 750.ON Time: 14:14: 5.0 Start Fid: 420 File: S9091014.B13

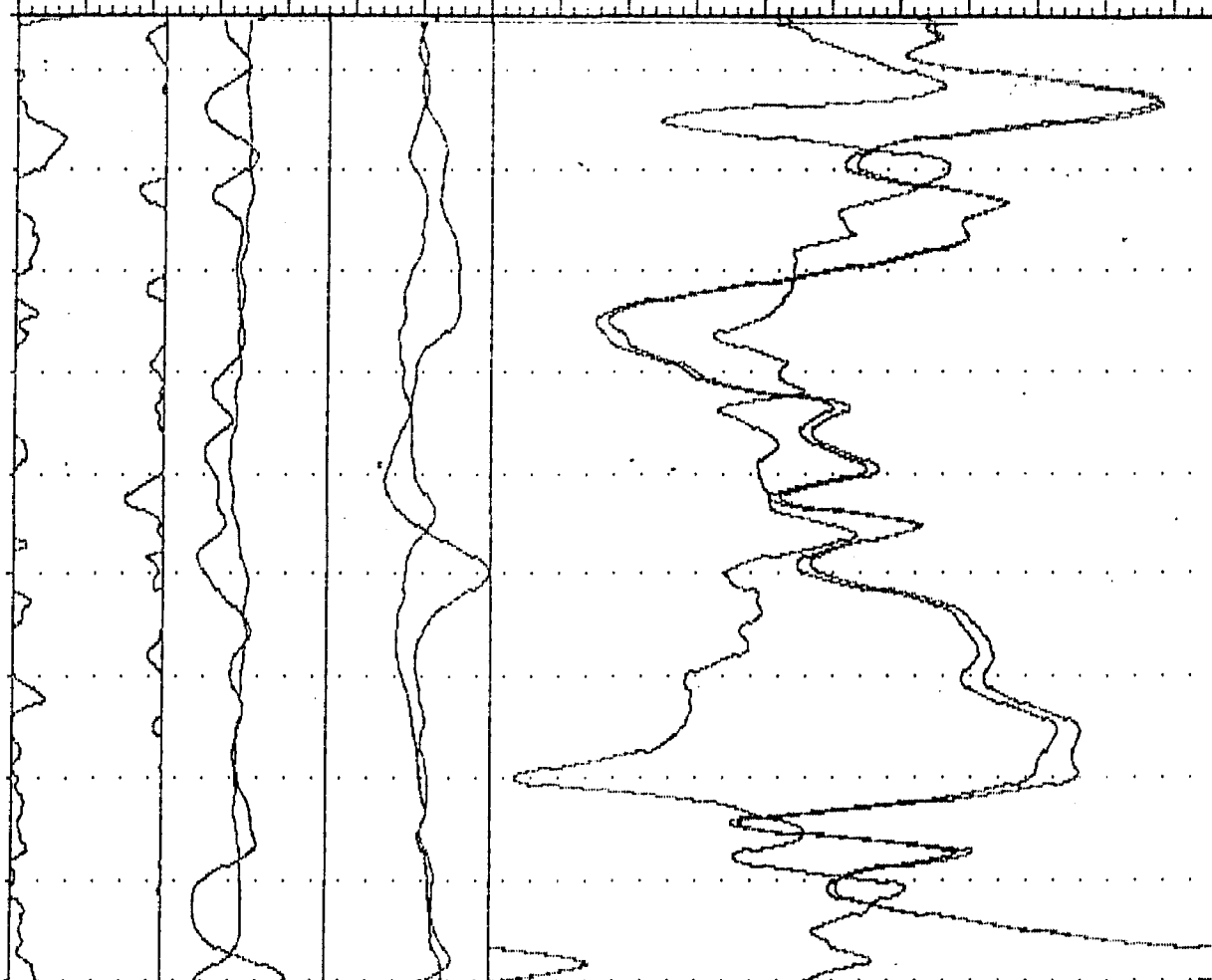


FIGURE 3. SAMPLE OF ANALOG DATA

video tape viewer to observe the flight path as recorded by the Geocam video camera system. The flight path recovery was completed daily to enable reflights to be selected where needed for the following day and to provide correlation between the satellite navigation/recovery data and the photomosaic base maps.

5.0 DATA PROCESSING

The total field magnetic data was calculated using the magnetic values from the port wing-tip mounted magnetometer. The magnetic data values were levelled in the standard manner by tying survey lines to the control lines. The data were then gridded at 2.5mm grid cell size at map scale and contoured using standard cubic spline interpolation to confirm the accuracy of the levelling procedure. Additional adjustments to the total field magnetics were made as required and then plotted.

The VLF data was treated automatically so as to normalize the non conductive background areas to 100 (total field strength) and zero (quadrature). The algorithms to do this were developed by Terraquest and will be provided to anyone interested by application to the company.

All of these data processing calculations and map contouring were carried out by Dataplotting Services Inc. of Toronto.

- Grant, F.S. and Spector A., 1970: Statistical Models for Interpreting Aeromagnetic Data; Geophysics, Vol 35
- Grant, F.S., 1972: Review of Data Processing and Interpretation Methods in Gravity and Magnetics; Geophysics Vol 37-4
- Spector, A., 1968: Spectral Analysis of Aeromagnetic maps; unpublished thesis; University of Toronto.

6.0 INTERPRETATION

The magnetic and VLF-EM data are shown in contoured format on maps at a scale of 1:10,000 in the back pocket. The following notes are intended to supplement these maps.

The total magnetic field over the Mallard Township group has a relief of approximately 300 gammas and shows the general trend of the lithology. The VLF-EM survey shows several east-west and northwest trending conductors. In places these responses appear to be augmented by surficial conductivity.

The relief of the total magnetic field over the remaining claims groups is approximately 550 gammas and displays patterns that are consistent with the mapped geology. Many of the magnetic units are truncated or displaced by folding or faulting. The northwest trending diabase dykes in Chester, Benneweiss and Champagne Townships are characterized by significant magnetic responses which dominant the magnetic maps.

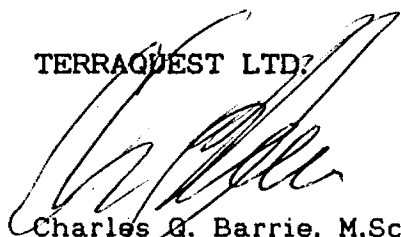
Numerous east-west and northwest trending conductor axes have been identified by the VLF-EM survey. Many of these appear to be locally enhanced by conductive overburden found in topographic depressions. Many of the northwest trending conductors appear to be related to the diabase dykes and/or faults. The east-west conductor axes are probably stratabound in their origin.

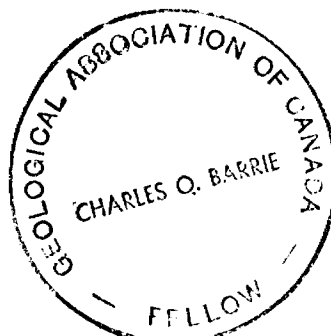
7.0 SUMMARY

An airborne combined magnetic and VLF-EM survey has been carried out at 90 metre mean terrain clearance with 100 metre line intervals and with data reading stations at 11 metres along the flight lines. All data is produced on maps at a scale of 1:10,000.

The magnetic data is consistent with the known geology. The northwest trending diabase dykes possess strong magnetic anomalies which dominate most of the maps. Numerous VLF-EM conductor axes were found most of which some are associated with structural sources. A few appear to be stratabound in nature and therefore warrant detailed ground follow up.

TERRAQUEST LTD.


Charles Q. Barrie, M.Sc.
Geologist



APPENDIX I

PERSONNEL

Field: Operator.....Andre Roy
 Pilot.....Ken Towers
 Dataman.....Michel Roy
 Completion Date....July 24, 1990

Office: Manager.....Roger Watson, P.Eng
 Processing.....Dataplotting Services Inc.
 Reporting.....Charles Barrie, M.Sc.



APPENDIX II

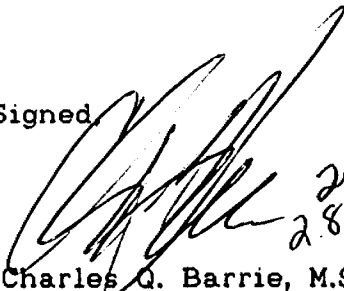
CERTIFICATE OF QUALIFICATION

I, Charles Q. Barrie, certify that :

1. I am registered as a Fellow with the Geological Association of Canada and work as a Professional Geologist.
2. I hold an honours B.Sc. degree in Geology from McMaster University, obtained in 1977.
3. I hold an M.Sc. degree in Geology from Dalhousie University, obtained in 1980.
4. I am a member of the Prospectors and Developers Association of Canada.
5. I have been working continuously as a geologist in the mineral industry for ten years.
6. I reside at 1373 Queen Victoria Avenue in the city of Mississauga, Ontario, L5H 3H2.
7. I am employed by and am an owner of Terraquest Ltd., specializing in high sensitivity airborne geophysical surveys.
8. The accompanying report has been prepared from airborne data collected by Terraquest Ltd. exclusively for BLUE FALCON MINES LTD. Reference material included geological maps published by the provincial government. I have not visited the property.
9. I have no interest in the property described nor the immediate area of the claims.

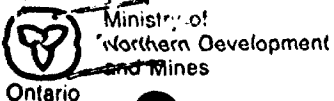
Toronto, Ontario
Dec. 11, 1990

Signed

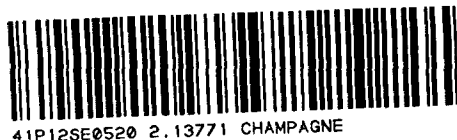

Charles Q. Barrie, M.Sc.
Vice President, TERRAQUEST LTD.

*Dual.
28305*

W9006.60481



DOCUMENT No. W9006.60



41P12SE0520 2.13771 CHAMPAGNE

900

Report of Work (Geophysical, Geological and Geochemical Surveys)

Mineral Development and Lands Branch

Form with fields: Type of Survey(s), Mining Division, Township or Area, Recorded Holder(s), Prospector's Licence No., Address, Telephone No., Survey Company, Name and Address of Author, Date of Survey.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Table with columns: Special Provisions, Geophysical, Days per Claim, Geological, Geochemical.

Table with columns: Mining Claim, Prefix, Number, Mining Claim, Prefix, Number, Mining Claim, Prefix, Number.

RECORDED SEP 13 1990 stamp

Table with columns: Airborne Credits, Days per Claim.

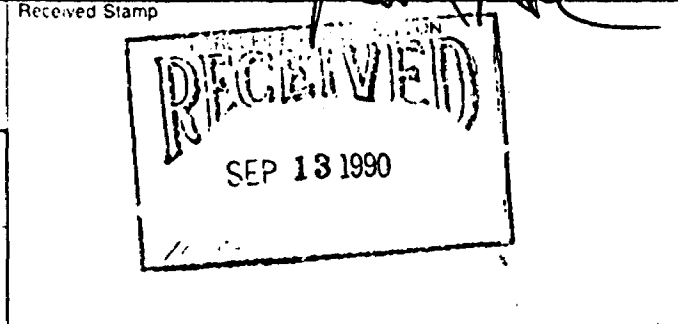
Form with fields: Total miles flown over claim(s), Date, Recorded Holder or Agent (Signature).

Form with fields: Total number of mining claims covered by this report of work.

I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work...

Form with fields: Name and Address of Person Certifying, Telephone No., Date, Certified By (Signature).

Form with fields: For Office Use Only, Total Days Cr. Recorded, Date Recorded, Date Approved as Recorded, Mining Recorder, Provincial Manager, Mining Licenses.



additional claims for Report of Work.

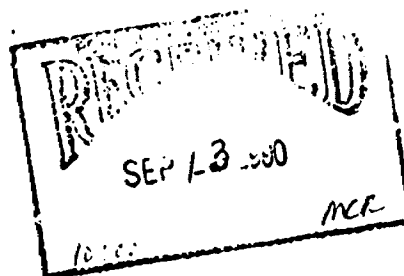
P - 995828
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P - 957268 -

P - 1071958 -
P - 1071971 .
P - 1071972 .
P - 1075238 .
P - 1075239 -
P - 1114058
P - 1114059
P - 1114060
P - 1114061 .

P - 987537 .
P - 881298 .
P - 881299 .
P - 881300 .

2. 13771



DOCUMENT No.
W 9006-60482

act 13

- Instructions
- Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Nov 12

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Type of Survey(s) AIRBORNE GEOPHYSICAL / EM + MAG	Mining Division Porcupine	Township or Area CHESTER TWP
Recorded Holder(s) BLUE FALCON MINES LTD.	2.13771	Prospector's Licence No. T1441
Address 20 ADVANCE BLVD. BRAMPTON ONT L6T 4R7.		Telephone No. 416-792-2335
Survey Company TERRAQUEST LTD. 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) HOWARD BARRIE (as above)		Date of Survey (from & to) 24 07 90 25 07 90 Day Mo Yr. Day Mo Yr.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic - Magnetometer - Other	Days per Claim
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic Magnetometer Other	Days per Claim 40 40
Total miles flown over claim(s). <i>km.</i> 460 km*		
Date Sept 12/90	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1035999				
P	1036000				
P	1036001				
P	1036002				
P	1036003				
P	1075230				
P	1075231				
P	1075232				
P	1075233				
P	1075234				
P	1075235				
P	1075236				
P	1075237				
P	1091114				
P	1112603				

RECORDED
SEP 13 1990

Total number of mining claims covered by this report of work. **15**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL D NUAK, 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4R7

Telephone No. **416-792-2335** Date **Sept. 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded **1200**

Date Recorded **SEPT. 13/90** Mining Recorder **Robert Bailey**

Date Approved as Recorded **Feb 14/91** Provincial Manager, Mining Lands **[Signature]**

RECEIVED
SEP 13 1990

DOCUMENT No.
W 9006-60483

Instructions
 - Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Oct 13
Nov 12

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Type of Survey(s) AIRBORNE GEOPHYSICAL / MAGNETICS & EM	Mining Division PORCUPINE	Township or Area BENNEWELL TWP
Recorded Holder(s) GOLDBAR RESOURCES INC. / BLUE FALCON MINES LTD	Prospector's Licence No. 2, 137 7514 / T1441	
Address 20 ADVANCE BLVD BRAMPTON ONT, L6T 4R7	Telephone No. 416-792-2335	
Survey Company TERRA QUEST LTD 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7	Date of Survey (from & to) 24 07 90 25 07 90 Day Mo Yr Day Mo Yr	
Name and Address of Author (of Geo-Technical Report) HOWARD BARRIE (as above)		

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.		40
	Magnetometer	40
	Other	
Total miles flown over claim(s) 460 km²		
Date SEPT 12/90	Recorded Holder's Agent (Signature) <i>[Signature]</i>	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1094605 ✓	P	881 291-		
P	1094606 ✓	P	881 292-		
P	1094607 ✓	P	881 293-		
P	1094608 ✓	P	881 294-		
P	1094609 ✓	P	1035979		
P	1094610 ✓	P	1035980		
P	1094611 ✓	P	1035981		
P	1094612 ✓	P	1035982		
P	1094613 ✓	P	881 285-		
P	1094614 ✓				
P	1094615 ✓				
P	1094616 ✓				
P	1094617 ✓				
P	881 286-				
P	881 287 ✓				
P	881 289 ✓				
P	881 290 ✓				

RECORDED
SEP 13 1990

Total number of mining claims covered by this report of work. **25**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEL D NOUAK, 20 ADVANCE BLVD BRAMPTON ONT L6T 4R7.

Telephone No. **416-792-2335** Date **SEPT. 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 2080	Date Recorded SEPT. 13/90	Recording Order <i>[Signature]</i>
	Date Approved as Recorded FEB 14/91	Provincial Manager, Mining Lands <i>[Signature]</i>

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SEP 18 1990

DOCUMENT No.
W 9006-60484

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Instructions

- Please type or print **Oct 13**
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch: **Nov 12**

Type of Survey(s) AIRBORNE GEOPHYSICAL	Mining Division PORCUPINE	Township or Area CHAMPAGNE TWP.
Recorded Holder(s) BLUE FALCON MINES LTD	2, 13771	Prospector's Licence No. T1441
Address 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4E7		Telephone No. 416-792-2335
Survey Company TERRAQUEST LTD 240 ADELAIDE STN. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) CHARLES BARRIE (as above)		Date of Survey (from & to) Day Mo Yr. 24 07 90 25 07 90

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	40
	Other	40
Total miles flown over claim(s) 460 km		
Date SEPT 12/90	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1041797				
P	1041798				
P	1041799				
P	1041800				
P	1041801				
RECORDED					
SEP 13 1990					
Total number of mining claims covered by this report of work.					5

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL D. NWAK 20 ADVANCE BLVD BRAMPTON ONT L6T 4E7

Telephone No. **416-792-2335** Date **SEPT 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 400	Date Recorded SEPT. 13/90	Mining Reported <i>[Signature]</i>
	Date Approved as Recorded FEB 14/91	Provincial Manager, Mining Lands <i>[Signature]</i>

Received Stamp

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SEP 13 1990

Oct 13

DOCUMENT No.
W9006.60485

- Instructions
- Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Type of Survey(s) AIRBORNE GEOPHYSICAL (EM, MAG)	Mining Division PORCUPINE	Township or Area MALLARD TWP
Recorded Holder(s) BLUE FALCON MINES LTD	2. 13771	Prospector's Licence No. T 1441
Address 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4R7		Telephone No. 416-792-2335
Survey Company TERRAGUEST LTD. 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) CHARLES BARRIE (as above)		Date of Survey (from & to) 24 07 90 25 07 90 Day Mo. Yr. Day Mo. Yr.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	40
	Magnetometer	40
	Other	
Total miles flown over claim(s). <i>460k*</i>		
Date <i>Sept 12/90</i>	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1071953	P	1074704		
P	1071954	P	1074705		
P	1071959				
P	1071960				
P	1071961				
P	1071962				
P	1091105				
P	1091106				
P	1091107				
P	1091108				
P	1091109				
P	1091110				
P	1091111				
P	1091112				
P	1091113				
P	1087798				
P	1087799				

RECORDED

SEP 13 1990

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

19

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL NUAK, BLUE FALCON MINES LTD, 20 ADVANCE BLVD BRAMPTON ONT L6T4R7

Telephone No. **4167922335** Date **Sept 12/90**

Recorded By (Signature) *[Signature]*

For Office Use Only

"ACTG"
Mineral Recorder
Robert Buehler

Date Recorded
SEPT. 13/90

Date Approved as Recorded
Feb 14/91

Provincial Manager, Mining Lands
[Signature]

PORCUPINE MINING DIVISION

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SEP 13 1990

OCT 13

DOCUMENT No. **W 9006-60485**

- Instructions
- Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Type of Survey(s) AIRBORNE GEOPHYSICAL (EM, MAG)	Mining Division PORCUPINE	Township or Area MALLARD TWP
Recorded Holder(s) BLUE FALCON MINES LTD	2. 13771	Prospector's Licence No. T 1441
Address 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4R7		Telephone No. 416-792-2335
Survey Company TERRAQUEST LTD. 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) CHARLES BARRIE (as above)		Date of Survey (from & to) Day Mo. Yr. 24 07 90 Day Mo. Yr. 25 07 90

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
For each additional survey: using the same grid: Enter 20 days (for each)	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.		40
	Magnetometer	40
	Other	
Total miles flown over claim(s). 460 km		
Date Sept 21/90	Recorded Holder or Agent (Signature)	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1071953 ✓	P	1074704 ✓		
P	1071954 ✓	P	1074705 ✓		
P	1071959 ✓				
P	1071960 ✓				
P	1071961 ✓				
P	1071962 ✓				
P	1091105 ✓				
P	1091106 ✓				
P	1091107 ✓				
P	1091108 ✓				
P	1091109 ✓				
P	1091110 ✓				
P	1091111 ✓				
P	1091112 ✓				
P	1091113 ✓				
P	1087798 ✓				
P	1087799 ✓				

RECORDED
SEP 13 1990

Total number of mining claims covered by this report of work. **19**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL NUAK, BLUE FALCON MINES LTD, 20 ADVANCE BLVD BRAMPTON ONT L6T4R7

Telephone No. **416 792 2335**

Date **Sept 18th /90**

Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded **1,520**

Date Recorded **SEPT. 13 / 90**

Mining Recorder **Robert Bentley**

Date Approved as Recorded

Provincial Manager, Mining Lands

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DOCUMENT No. W9006-60481

Instructions

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps (if applicable) should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Oct 13
Nov 13

Report of Work (Geophysical, Geological and Geochemical Surveys)

Mining Act

Type of Survey(s) AIRBORNE GEOPHYSICAL / EM & MAG	Mining Division 2, 1877	Township or Area 1E0 TWP
Recorded Holder(s) BLUE FALCON MINES LTD	Prospector's Licence No. T1441	
Address 20 ADVANCE BLVD BRAMPTON ONT. L6T 4R7	Telephone No. 416-792-2335	
Survey Company TERRAQUEST LTD 240 ADELAIDE ST W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) CHARLES BARRIE (as above)	Date of Survey (from & to) 24 07 90 25 07 90	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here RECORDED SEP 13 1990	• Electromagnetic • Magnetometer • Other	
	Geological	
	Geochemical	

Airborne Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.		40
	Magnetometer	40
	Other	

Total miles flown over claim(s) **460 km***

Date **Sept 12/90** Recorded Holder or Agent (Signature) *[Signature]*

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	924045 ✓	P	924217 ✓	P	995813 ✓
P	924046 ✓	P	950699 ✓	P	995814 ✓
P	924047 ✓	P	950700 ✓	P	995815 ✓
P	924048 ✓	P	950701 ✓	P	995816 ✓
P	924049 ✓	P	950702 ✓	P	995817 ✓
P	924050 ✓	P	950703 ✓	P	995818 ✓
P	924051 ✓	P	950704 ✓	P	995819 ✓
P	924052 ✓	P	950705 ✓	P	995820 ✓
P	924053 ✓	P	950706 ✓	P	995821 ✓
P	924054 ✓	P	950709 ✓	P	995822 ✓
P	924210 ✓	P	950710 ✓	P	995823 ✓
P	924211 ✓	P	950715 ✓	P	995824 ✓
P	924212 ✓	P	950716 ✓	P	995825 ✓
P	924213 ✓	P	995811 ✓	P	995826 ✓
P	924214 ✓	P	995812 ✓	P	995827 ✓
P	924215 ✓				
P	924216 ✓				

(plus attached list)

Total number of mining claims covered by this report of work. **70**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL NOVAK, BLUE FALCON MINES LTD. 20 ADVANCE BLVD. BRAMPTON ONT. L6T4R7

Telephone No. **416-792-2335** Date **Sept 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 5600	Date Recorded SEPT. 13/90	Mining Recorder AGTC Robert Bunting
	Date Approved as Recorded	Provincial Manager, Mining Lands

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SEP 13 1990

additional claims for Report of Work.

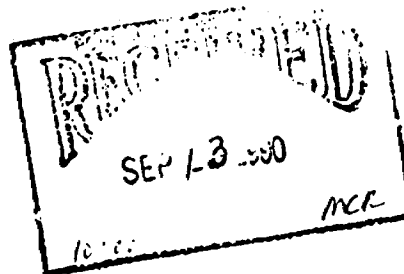
P-995828 ✓
P-995829 ✓
P-995830 ✓
P-995831 ✓
P-995832 ✓
P-995833 ✓

P-957265 ✓
P-957266 ✓
P-957267 ✓
P-957268 ✓

P-1071958 ✓
P-1071971 ✓
P-1071972 ✓
P-1075238 ✓
P-1075239 ✓
P-1114058 ✓
P-1114059 ✓
P-1114060 ✓
P-1114061 ✓

P-987537 ✓
P-881298 ✓
P-881299 ✓
P-881300 ✓

2.13771



DOCUMENT No.
W 9006-60482

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Instructions

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

~~Oct 13~~
Nov 12

Type of Survey(s) AIRBORNE GEOPHYSICAL / EM + MAG	Mining Division Porcupine	Township or Area CHESTER TWP
Recorded Holder(s) BLUE FALCON MINES LTD.	2.13771	Prospector's Licence No. T1441
Address 20 ADVANCE BLVD. BRAMPTON ONT L6T 4R7.		Telephone No. 416-792-2335
Survey Company TERRAQUEST LTD, 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) HOWARD BARRIE (as above)		Date of Survey (from & to) 24 07 90 25 07 90 Day Mo. Yr. Day Mo. Yr.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other Geological Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic - Magnetometer - Other Geological Geochemical	Days per Claim
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic Magnetometer Other	40 40
Total miles flown over claim(s). 460 km		
Date Sept 12/90	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P✓	1035999 ✓				
P✓	1036000 ✓				
P✓	1036001 ✓				
P✓	1036002 ✓				
P✓	1036003 ✓				
P✓	1075230 ✓				
P✓	1075231 ✓				
P✓	1075232 ✓				
P✓	1075233 ✓				
P✓	1075234 ✓				
P✓	1075235 ✓				
P✓	1075236 ✓				
P✓	1075237 ✓				
P✓	1091114 ✓				
P✓	1112603 ✓				

RECORDED
SEP 13 1990

Total number of mining claims covered by this report of work. **15**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL D NOVAK, 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4R7

Telephone No. **416-792-2335** Date **Sept. 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

"ACTG"
Total Days Cr. Recorded **1200**

Date Recorded **SEPT. 13/90** Mining Recorder **Robert Bueley**

Date Approved as Recorded _____ Provincial Manager, Mining Lands

Received Stamp
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SEP 18 1990

DOCUMENT No.
W 9006-60483

Instructions
 - Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Oct 13
Nov 12

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Type of Survey(s) AIRBORNE GEOPHYSICAL / MAGNETICS & EM	Mining Division PORCUPINE	Township or Area BENNEWIS TWP
Recorded Holder(s) GOLDBAR RESOURCES INC. / BLUE FALCON MINES LTD	Prospector's Licence No. 2, 137 714 / T1441	
Address 20 ADVANCE BLVD BRAMPTON ONT, L6T 4R7		Telephone No. 416-792-2335
Survey Company TERRA QUEST LTD 240 ADELAIDE ST. W. TORONTO ONT. M5H 1W7		
Name and Address of Author (of Geo-Technical Report) HOWARD BARRIE (as above)		Date of Survey (from & to) 24 07 90 25 07 90 Day Mo. Yr. Day Mo. Yr.

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid:	- Other	
Enter 20 days (for each)	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Magnetometer	40
	Other	40
Total miles flown over claim(s). <i>460 km</i>		
Date SEPT 12/90	Recorded Holder's Signature	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Mining Claim		Em Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1094605	P	881 291		
P	1094606	P	881 292		
P	1094607	P	881 293		
P	1094608	P	881 294		
P	1094609	P	1035 979		
P	1094610	P	1035 980		
P	1094 611	P	1035 981		
P	1094 612	P	1035 982		
P	1094 613	P	881 285		
P	1094 614				
P	1094 615				
P	1094 616				
P	1094 617				
P	881 286				
P	881 287				
P	881 289				
P	881 290				

RECORDED
SEP 13 1990

Total number of mining claims covered by this report of work. **25**

Certification Verifying Report of Work

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

Name and Address of Person Certifying
KEVIN D NOUAK, 20 ADVANCE BLVD BRAMPTON ONT L6T 4R7

Telephone No. **416-792-2335** Date **SEPT. 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 2080	Date Recorded SEPT. 13/90	Recorded By <i>Robert Buehler</i>
	Date Approved as Recorded	Provincial Manager, Mining Lands

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SEP 13 1990

DOCUMENT No.
W 9006-60484

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Act

Instructions

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Oct 13
Nov 12

Type of Survey(s) AIRBORNE GEOPHYSICAL	Mining Division PORCUPINE	Township or Area CHAMPAGNE TWP.
Recorded Holder(s) BLUE FALCON MINES LTD	2,13771	Prospector's Licence No. T1441
Address 20 ADVANCE BLVD. BRAMPTON ONT. L6T 4E7		Telephone No. 416-792-2335
Survey Company TERRAQUEST LTD 240 ADELIA AVE STN. TORONTO ONT M5H 1W7		
Name and Address of Author (of Geo-Technical Report) CHARLES BARRIE (as above)		Date of Survey (from & to) 24 07 90 25 07 90 Day Mo Yr. Day Mo Yr.

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	40
	Magnetometer	40
	Other	
Total miles flown over claim(s) 460 km		
Date SEPT 12/90	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
P	1041797				
P	1041798				
P	1041799				
P	1041800				
P	1041801				
RECORDED					
SEP 13 1990					
					5

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

Certification Verifying Report of Work

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

Name and Address of Person Certifying
NEIL D. NWAK 20 ADVANCE BLVD BRAMPTON ONT L6T 4E7

Telephone No. **416-792-2335** Date **SEPT 12/90** Certified By (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 400	Date Recorded SEPT. 13/90	Mining Recorder Robert Bentley
	Date Approved as Recorded	Provincial Manager, Mining Lands

Received Stamp

RECEIVED
SEP 13 1990

POSITION OF CROWN LANDS

OF DOCUMENT	SYMBOL
IT, SURFACE & MINING RIGHTS	●
, SURFACE RIGHTS ONLY	○
, MINING RIGHTS ONLY	◐
E, SURFACE & MINING RIGHTS	■
, SURFACE RIGHTS ONLY	□
, MINING RIGHTS ONLY	◑
ICE OF OCCUPATION	▽
R-IN-COUNCIL	○
ATION	○
ELLED	○
& GRAVEL	○

MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1912, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 390, SEC. 63, SUBSEC. 1.

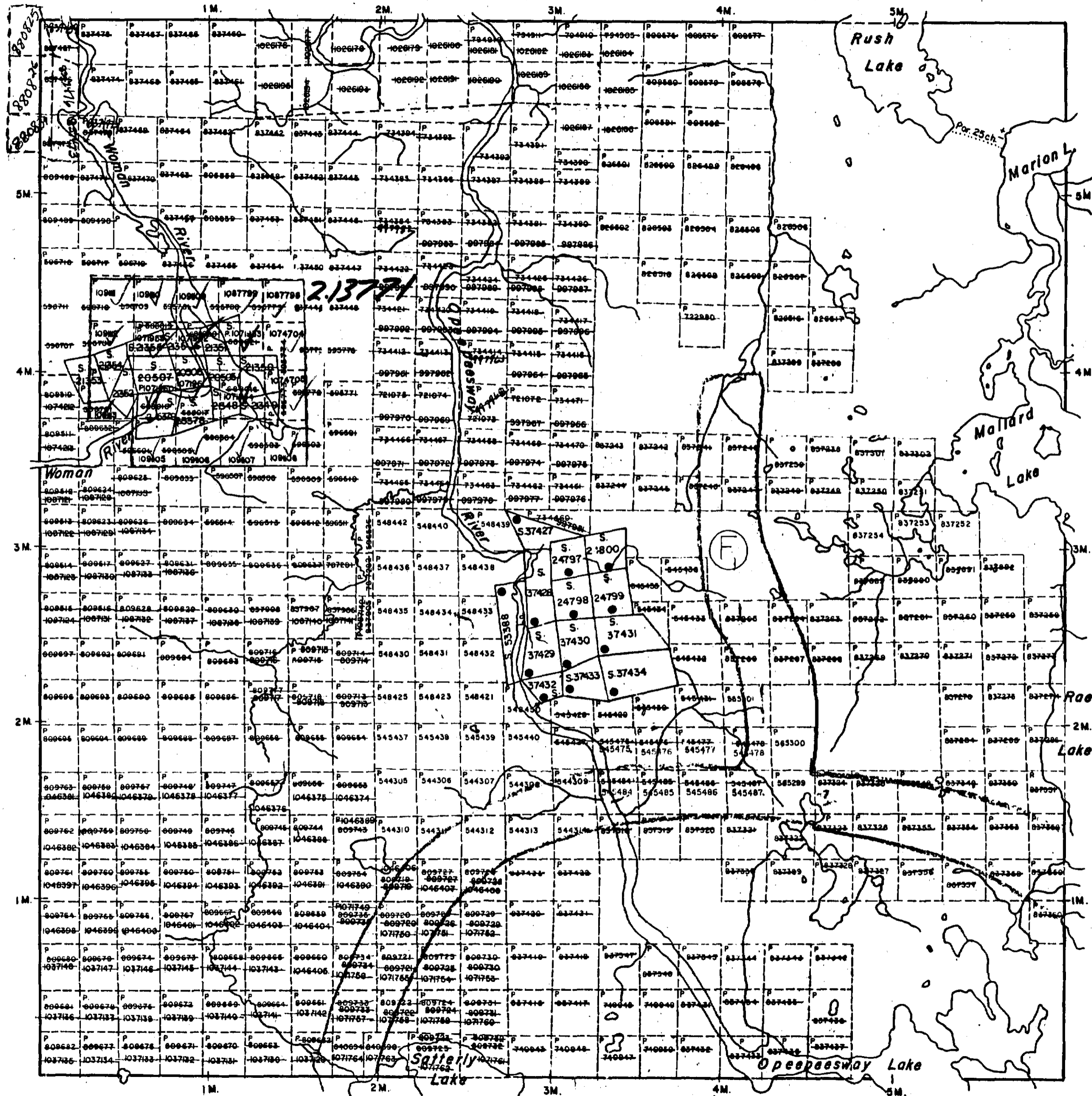
EAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File

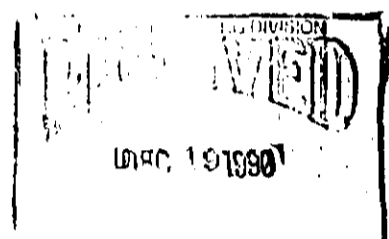
P. IS SUBJECT TO FOREST ACTIVITIES IN 1990.
 INFORMATION AVAILABLE ON FILE.

MARION TWP.

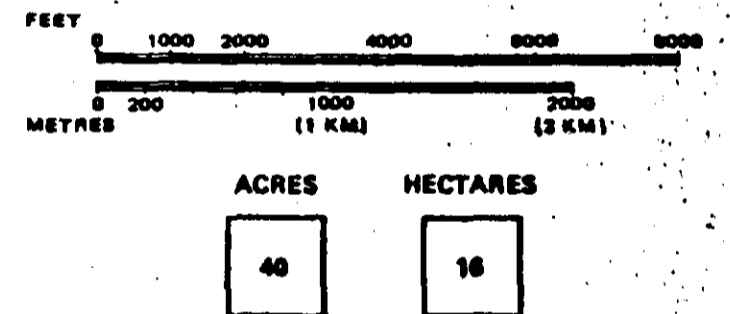


LEGEND

- 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



SCALE: 1 INCH = 40 CHAINS



TOWNSHIP OF
MALLARD
 DISTRICT OF
 SUDBURY

MINING DIVISION
PORCUPINE
 Received Sept 13, 1986
 Ministry of Natural Resources and Mines
 Ministry of Northern Development

Date JULY 1986
 National Topographic Series
 Plan No. G-1171

BENTON TWP.

ERIC TWP.

O SWAY TWP.



REFERENCES

S WITHDRAWN FROM DISPOSITION

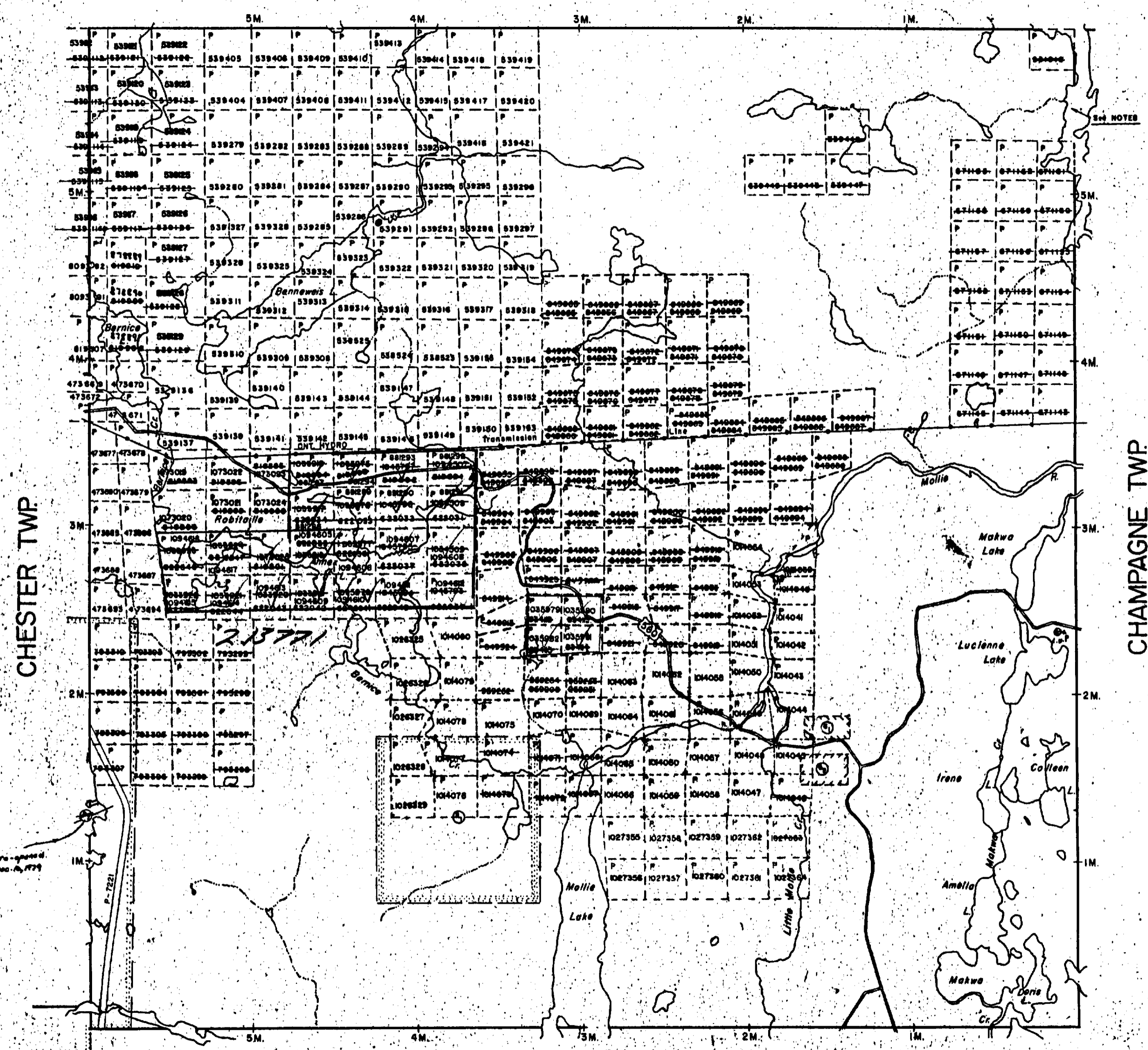
R.O. - MINING RIGHTS ONLY

R.O. - SURFACE RIGHTS ONLY

+ S. - MINING AND SURFACE RIGHTS

Order No.	Date	Disposition	File
2778	19/10/78	S.R.O.	13316
2779	19/10/78	S.R.O.	13316

ST. LOUIS TWP.



SAND AND GRAVEL

CL. P.T. 1308
CL. P.T. 1301
FILE 13316

NOTES

CE RIGHTS RESERVATION AROUND MINISAKWA
N.R. FILE 160708

CHESTER TWP.

CHAMPAGNE TWP.

VROOMAN TWP.

LEGEND

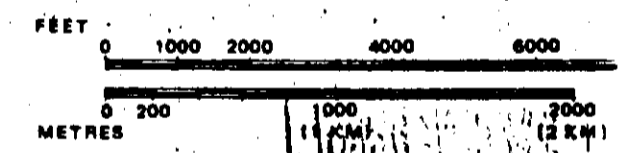
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LA

TYPE OF DOCUMENT	S
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 1913, VESTED IN ORIGINAL PATENTEE BY THE LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63.

SCALE: 1 INCH = 40 CHAINS



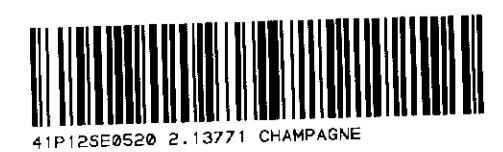
DEC 27 1980

TOWNSHIP
BENNEWEIS
M.N.R. ADMINISTRATIVE DISTRICT
GOGAMA
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
SUDBURY



Date MARCH, 1985 Number

G-322



41P125E0520 2.13771 CHAMPAGNE

REFERENCES

WITHDRAWN FROM DISPOSITION

- O. - MINING RIGHTS ONLY
- OS. - SURFACE RIGHTS ONLY
- S. - MINING AND SURFACE RIGHTS

Order No. Date Disposition File
 RIGHTS ONLY WITHDRAWN UNDER 43 OF THE MINING ACT
 ORDER # W 77/80 DATED FEB. 19/80.

AND MINING RIGHTS WITHDRAWN FROM STAKING
 SECTION 36 OF THE MINING ACT R.S.O. 1980
 O.P. 7/90NR DATED OCT. 19, 1990.

SAND AND GRAVEL

- #1649
- #3C-20
- #3C-17

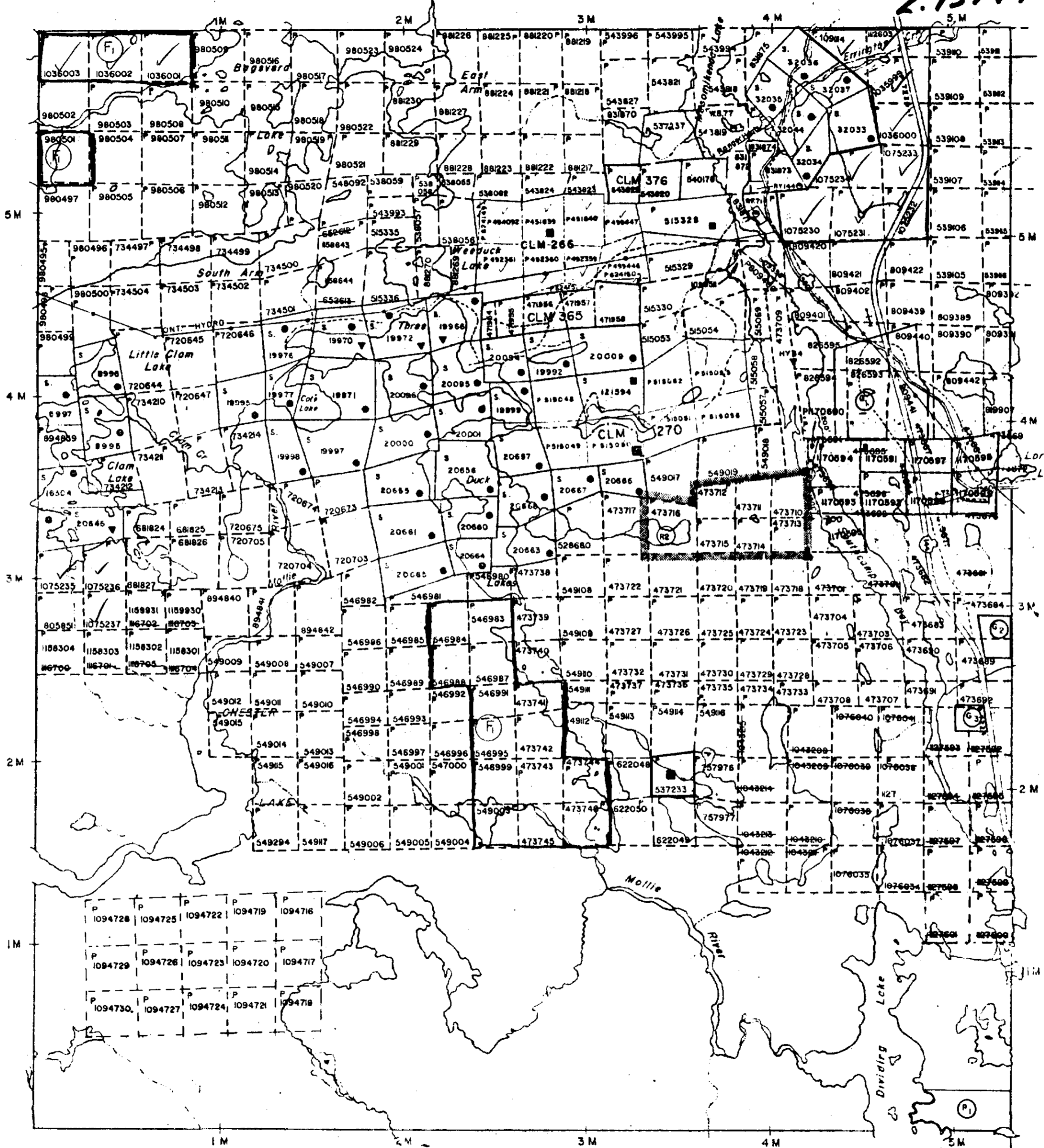
NOTES

TO CONTOUR 1200' RESERVED TO ONTARIO HYDRO
 L.O. 7543, FILE 1062.

SUBJECT TO FOREST ACTIVITIES IN 1990.
 INFORMATION AVAILABLE ON FILE.

NEVILLE TP.

2.13771



YEO TP.

BENNEWEIS TP.

INVERGARRY TP.

LEGEND

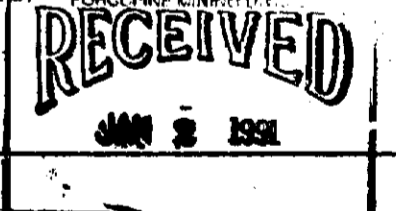
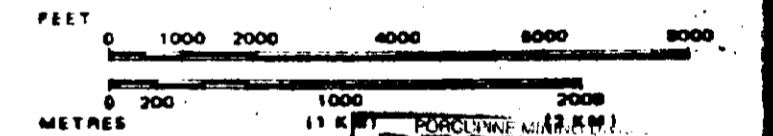
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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 8 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1918, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

CHESTER

M.N.R. ADMINISTRATIVE DISTRICT

GOGAMA

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY



Ministry of Land Management
 Natural Resources Branch

Date MARCH, 1985

ACTIVATED SEP. 5/89

Number

G-3223



REFERENCES

AS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY

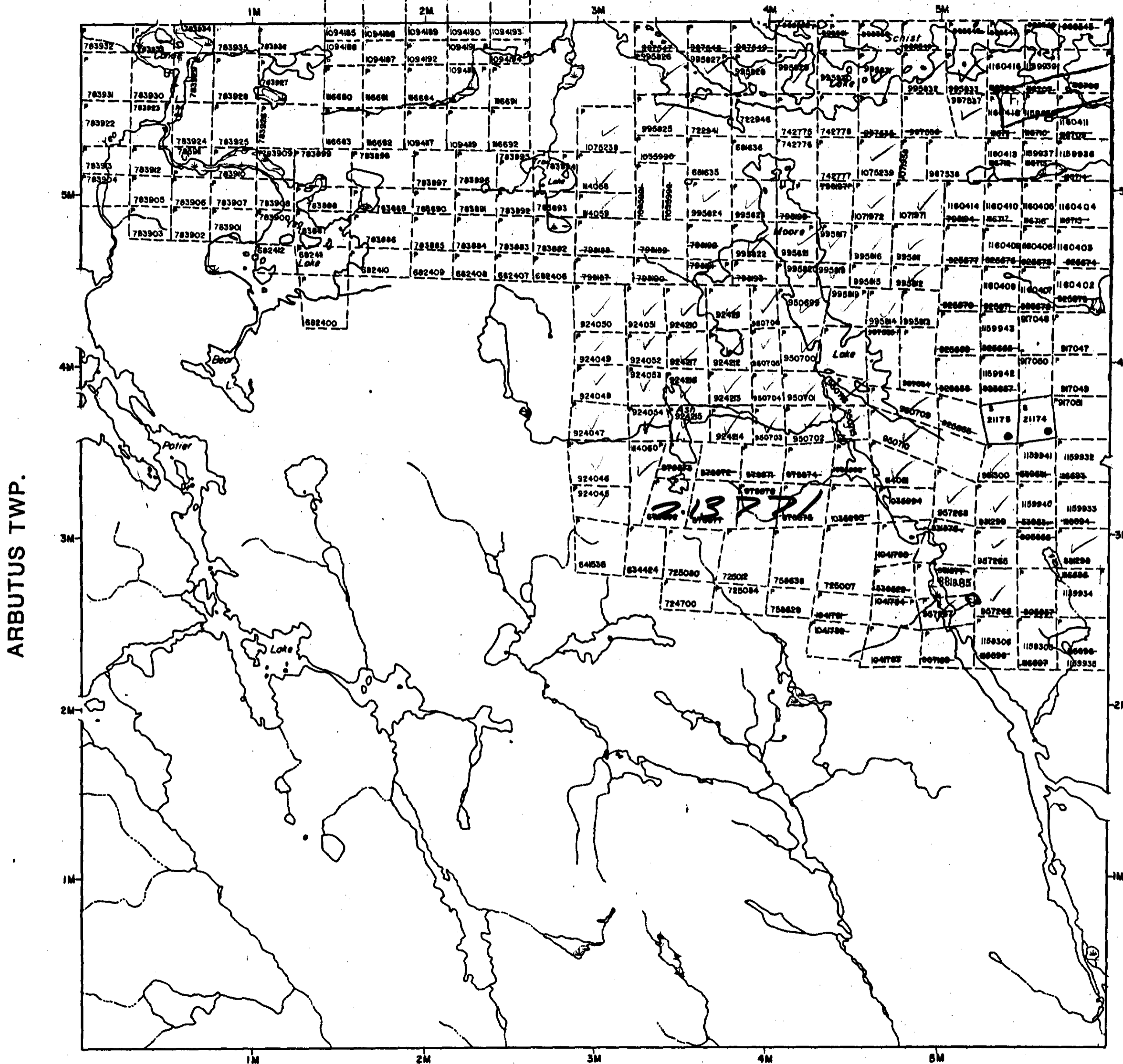
S.R.O. - SURFACE RIGHTS ONLY

M.+S. - MINING AND SURFACE RIGHTS

Order No. Date Disposition File

WP. IS SUBJECT TO FOREST ACTIVITIES IN 1990. FOR INFORMATION AVAILABLE ON FILE.

POTIER TWP.



LEGEND

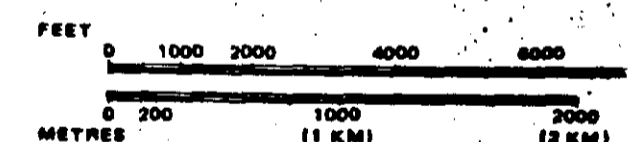
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	
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 1913, VESTED IN ORIGINAL PATENTEES BY THE LANDS ACT, R.S.O. 1970, CHAP. 280, SEC. 62, 1

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP
YEO
M.N.R. ADMINISTRATIVE DISTRICT
GOGAMA
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
SUDBURY

Ministry of Natural Resources
Land Management Branch
Ontario

Date OCTOBER, 1983
In SERVICE OCT. 26/83
Number **G-2481**



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 CON-



CHAMPAGNE TWP.

S PORCUPINE RIVER MINING DIVISION

DISTRICT OF SUDBURY.

NOTE

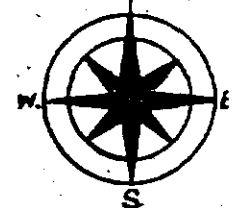
400' Surface Rights Reservation
around all Lakes and Rivers.

• LUP
SRO applied for CNR

mar 28/79 MINISINAKWA
Trapline Camp 400' Surface Rights Reservation
Around Minisnaka Lake To The
Dept. Of Lands & Forests File-160708

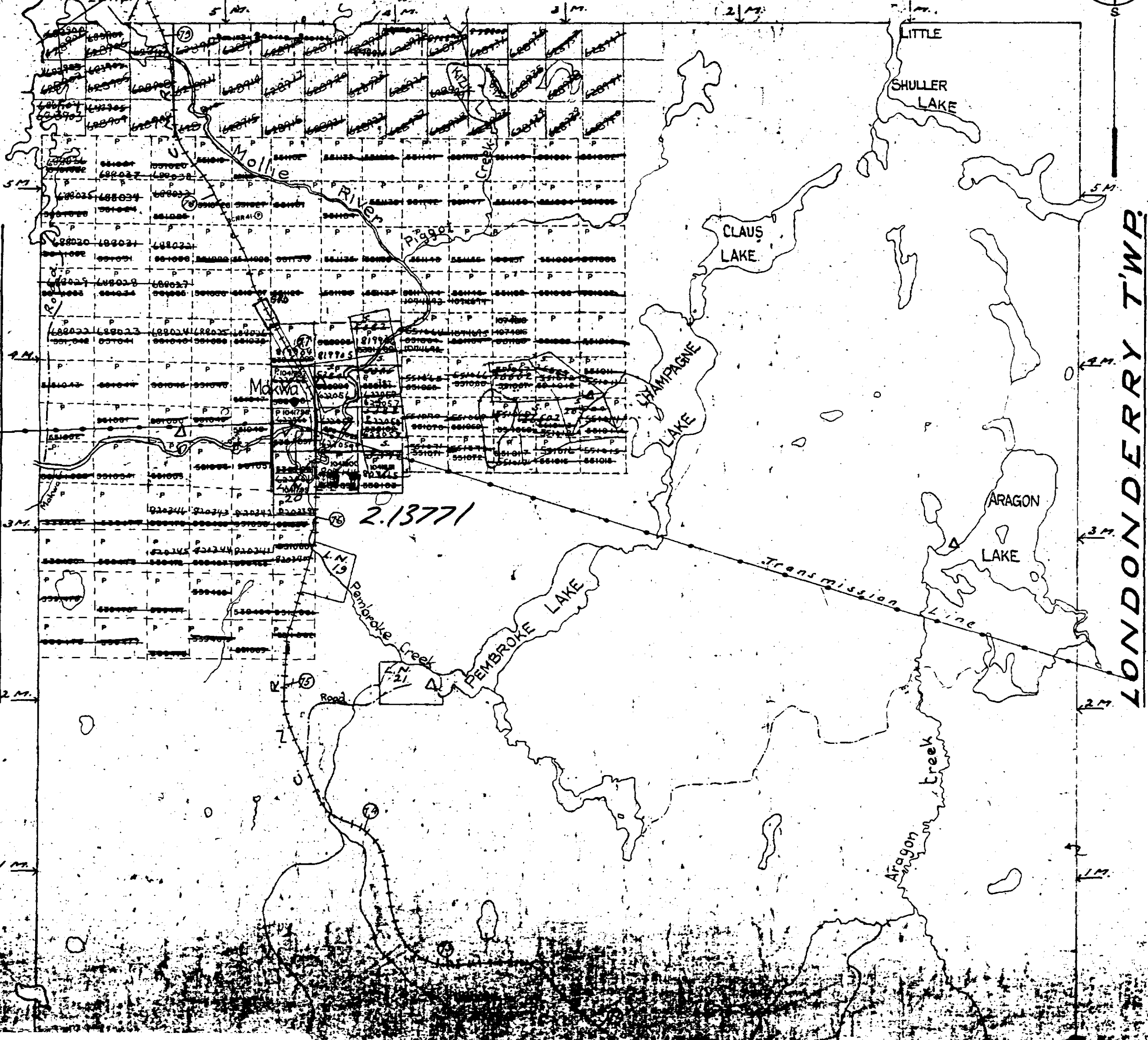
Scale, 40 chains to an inch.

GROVES TWP.



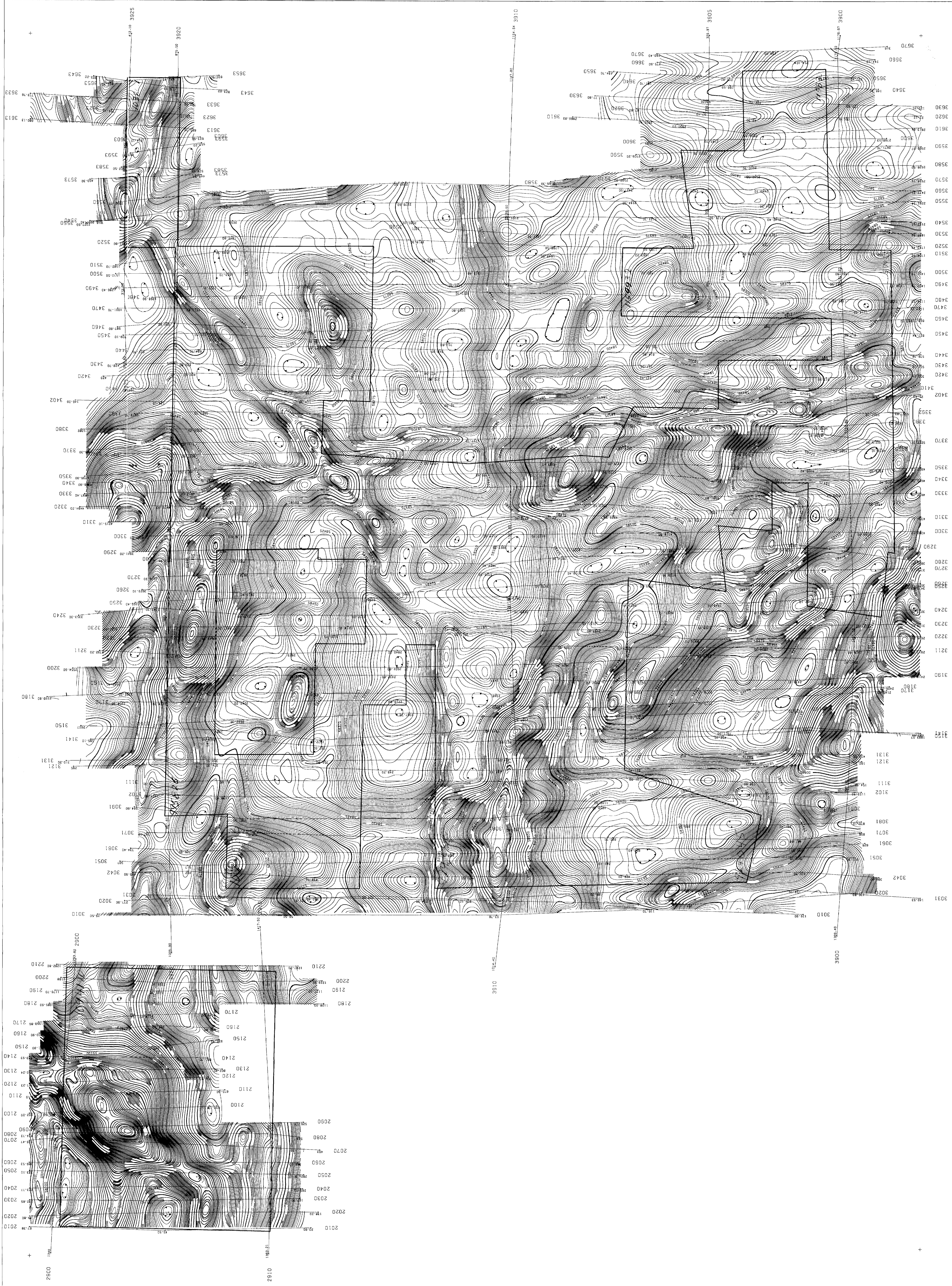
BENNEWEISS TWP.

LONDONDERRY TWP.



2.13771





BLUE FALCON MINES LTD.
 AIRBORNE MAGNETIC SURVEY
 TOTAL MAGNETIC FIELD

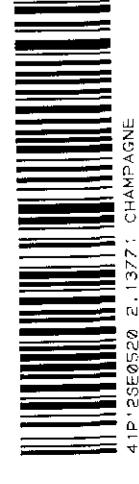
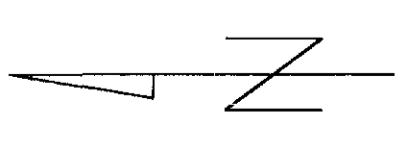
YEO & CHESTER TIPS.
 ONTARIO

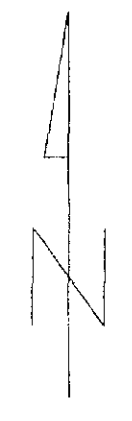
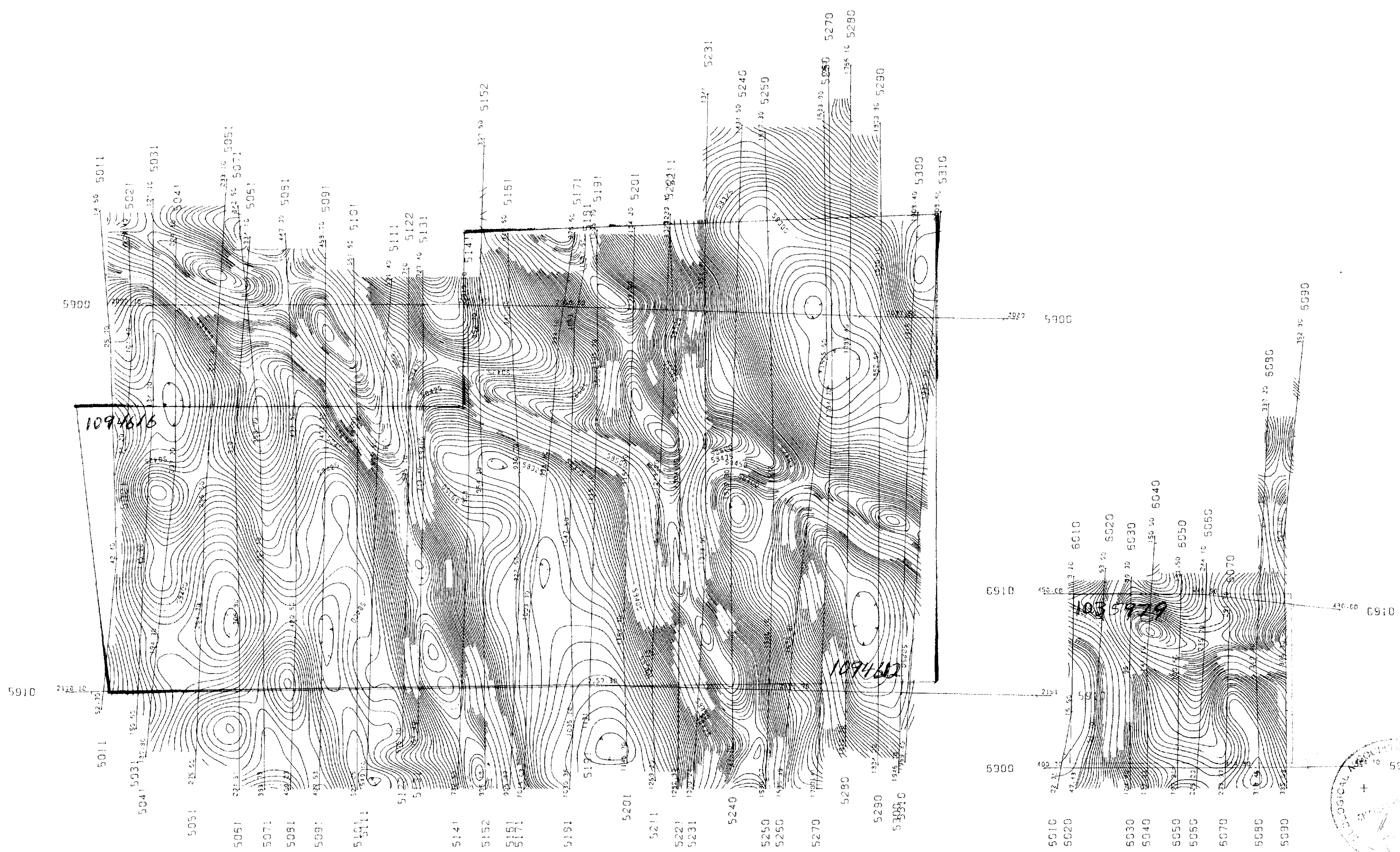
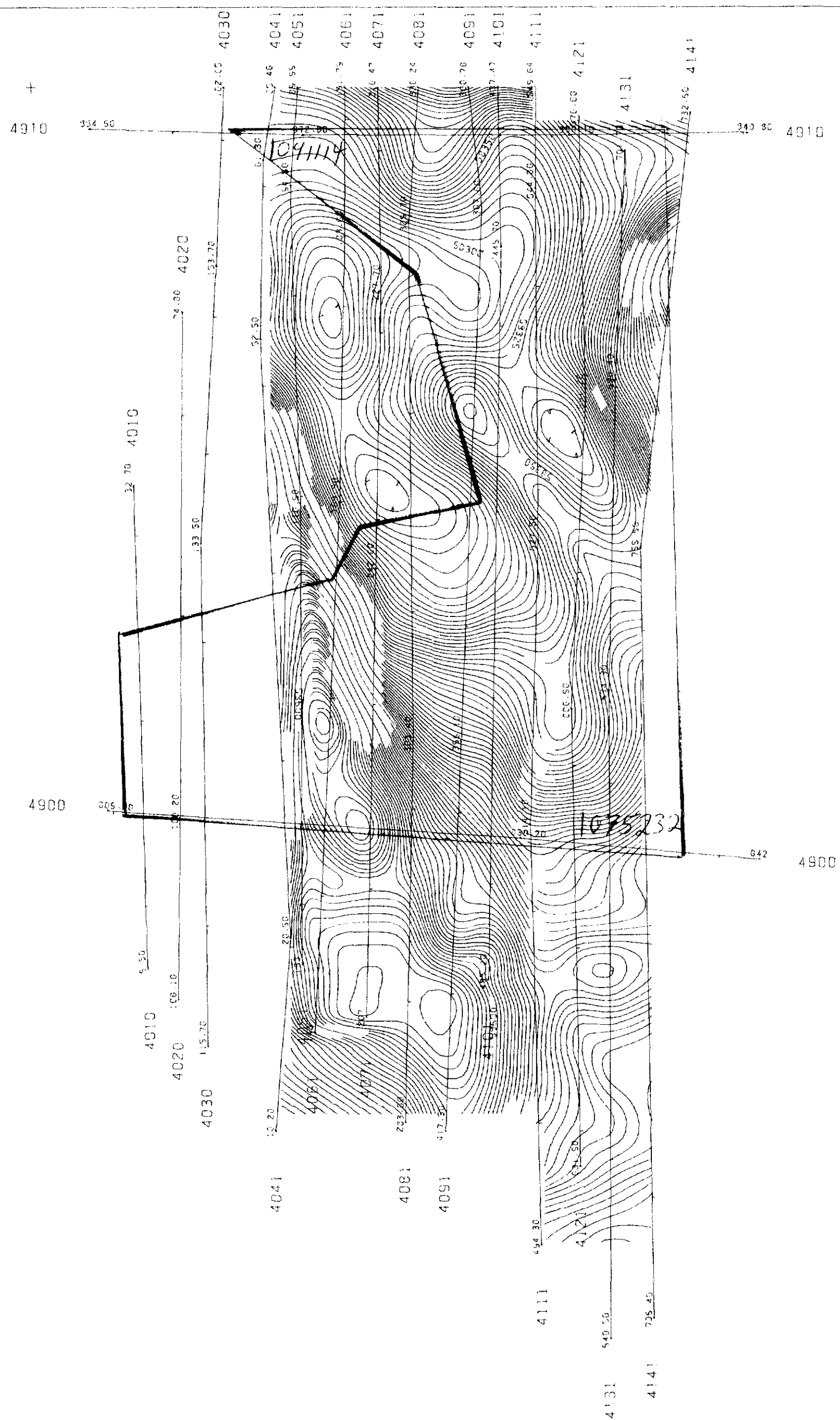
N.T.S. NO. 430/B, 4P/7/3 DRAWING NO. A-8752-1
 SCALE: 1:10,000 DATE: December 1990
TERRAQUEST LTD.
 TORONTO, CANADA

LEGEND

Survey Airphoto 90 metres MTC
 Line Spacing 100 metres
 Survey Boundary

TOTAL MAGNETIC FIELD
 100 gamma
 20 gamma
 5 gamma





LEGEND
 Survey Altitude 90 metres MTC
 Line Spacing 100 metres
 Survey Boundary
 TOTAL MAGNETIC FIELD
 500 gammas
 100 gammas
 25 gammas
 5 gammas

BLUE FALCON MINES LTD

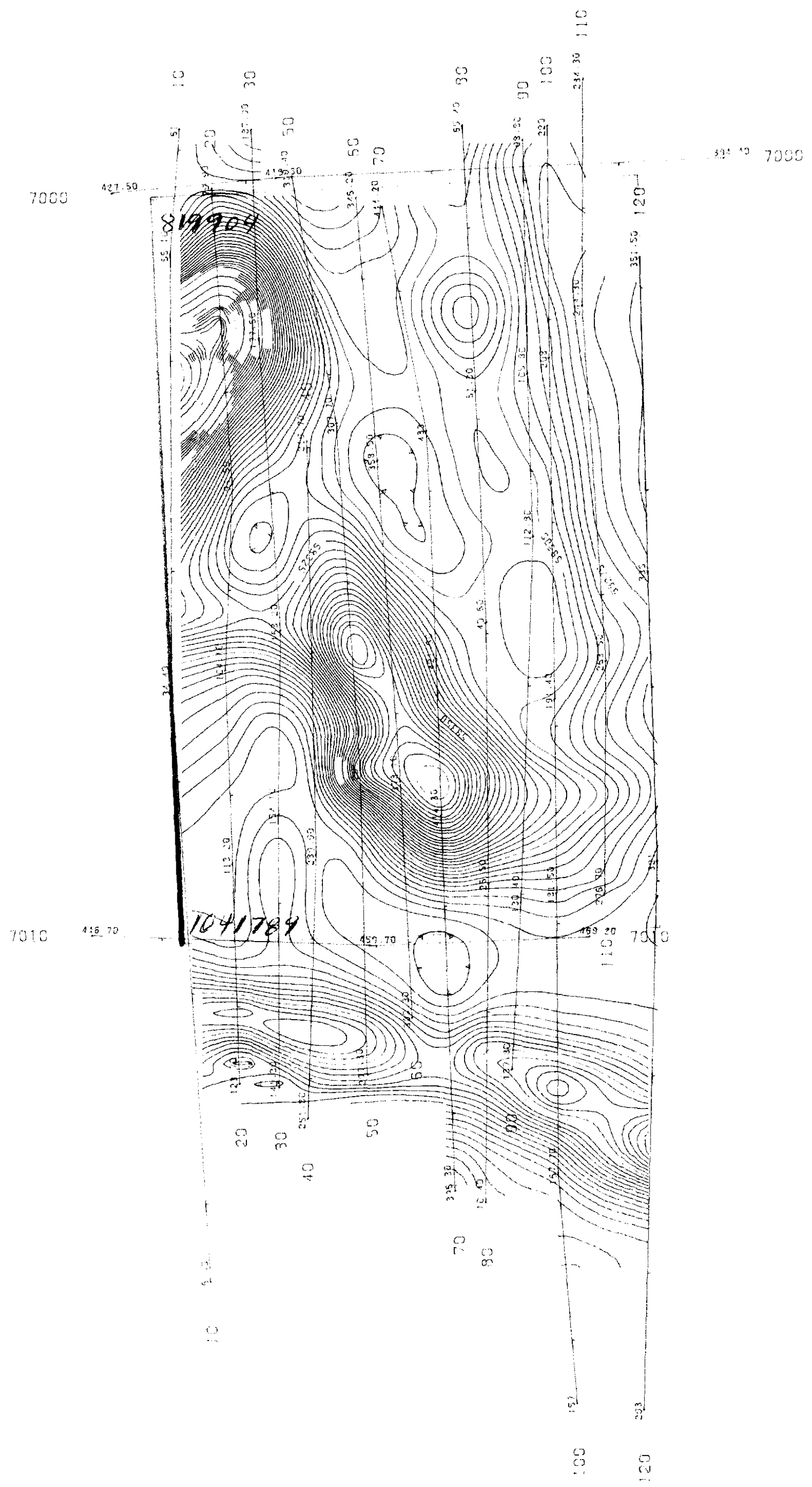
AIRBORNE MAGNETIC SURVEY
 TOTAL MAGNETIC FIELD

2.43.90

CHESTER & BENNEWEIS TWP'S
 ONTARIO

N.T.S. NO.	41P/12	DRAWING NO.	A-875-5-1
SCALE	1:10,000	DATE	December 1990

TERRAQUEST LTD.
 TORONTO, CANADA

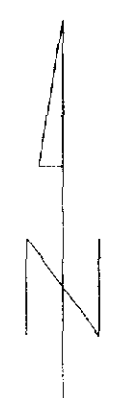


LEGEND

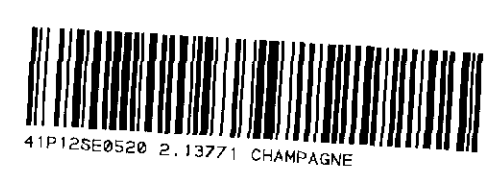
Survey Altitude 90 metres MTC
 Line Spacing 100 metres
 Survey Boundary

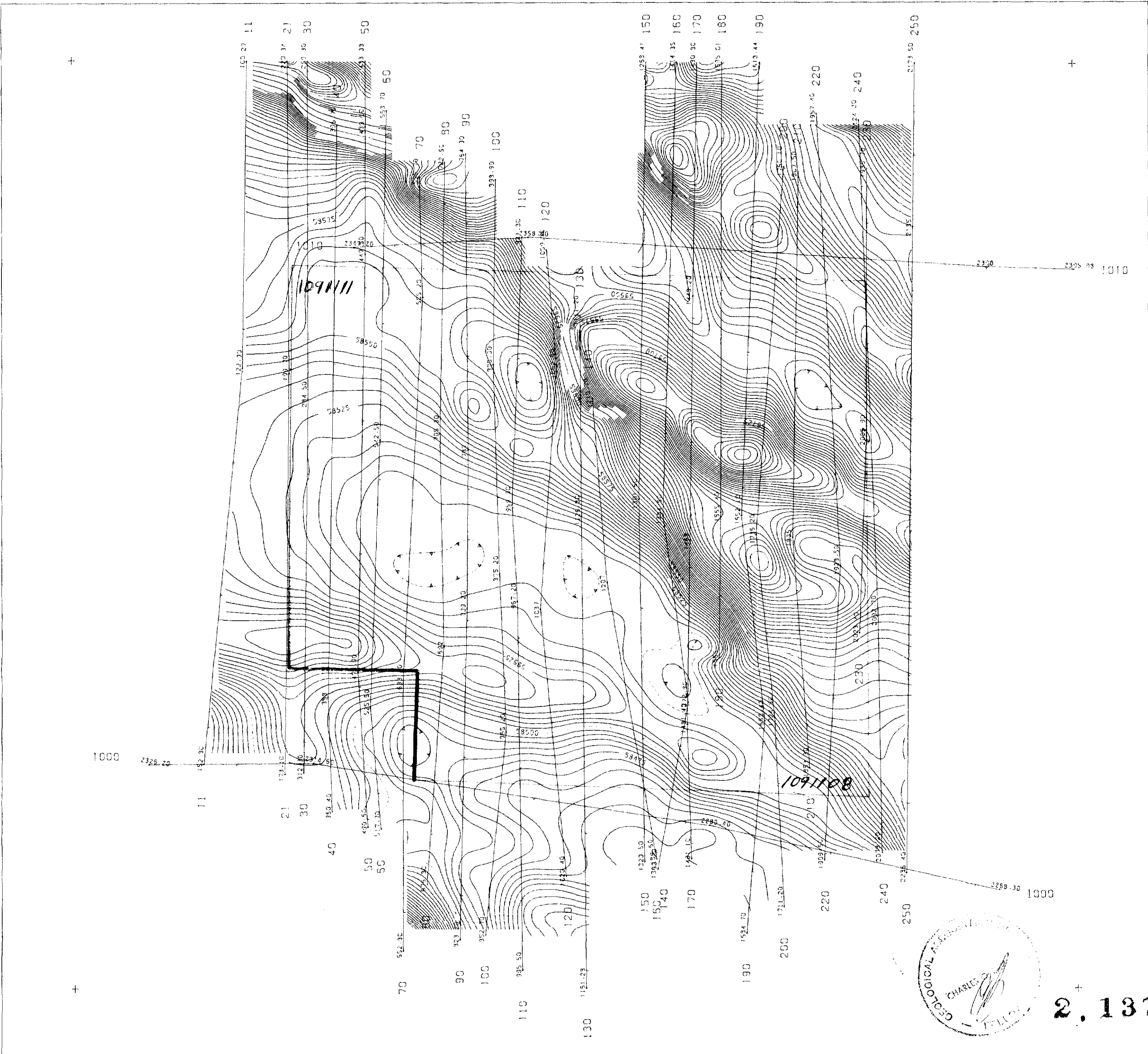
TOTAL MAGNETIC FIELD

500 gammas
 100 gammas
 25 gammas
 5 gammas



BLUE FALCON MINES LTD.	
AERBORNE MAGNETIC SURVEY TOTAL MAGNETIC FIELD	
CHAMPAGNE TWP. 2.137 ONTARIO	
NTS HO 4P/12	DRAWING NO A-8754-1
SCALE 1:10,000	DATE December 1990
TERRAQUEST LTD. TORONTO, CANADA	





LEGEND

Survey Altitude 90 metres MTC
 Line Spacing 100 metres
 Survey Boundary

TOTAL MAGNETIC FIELD

500 gammas
 100 gammas
 25 gammas
 5 gammas



2,13771

BLUE FALCON MINES LTD.

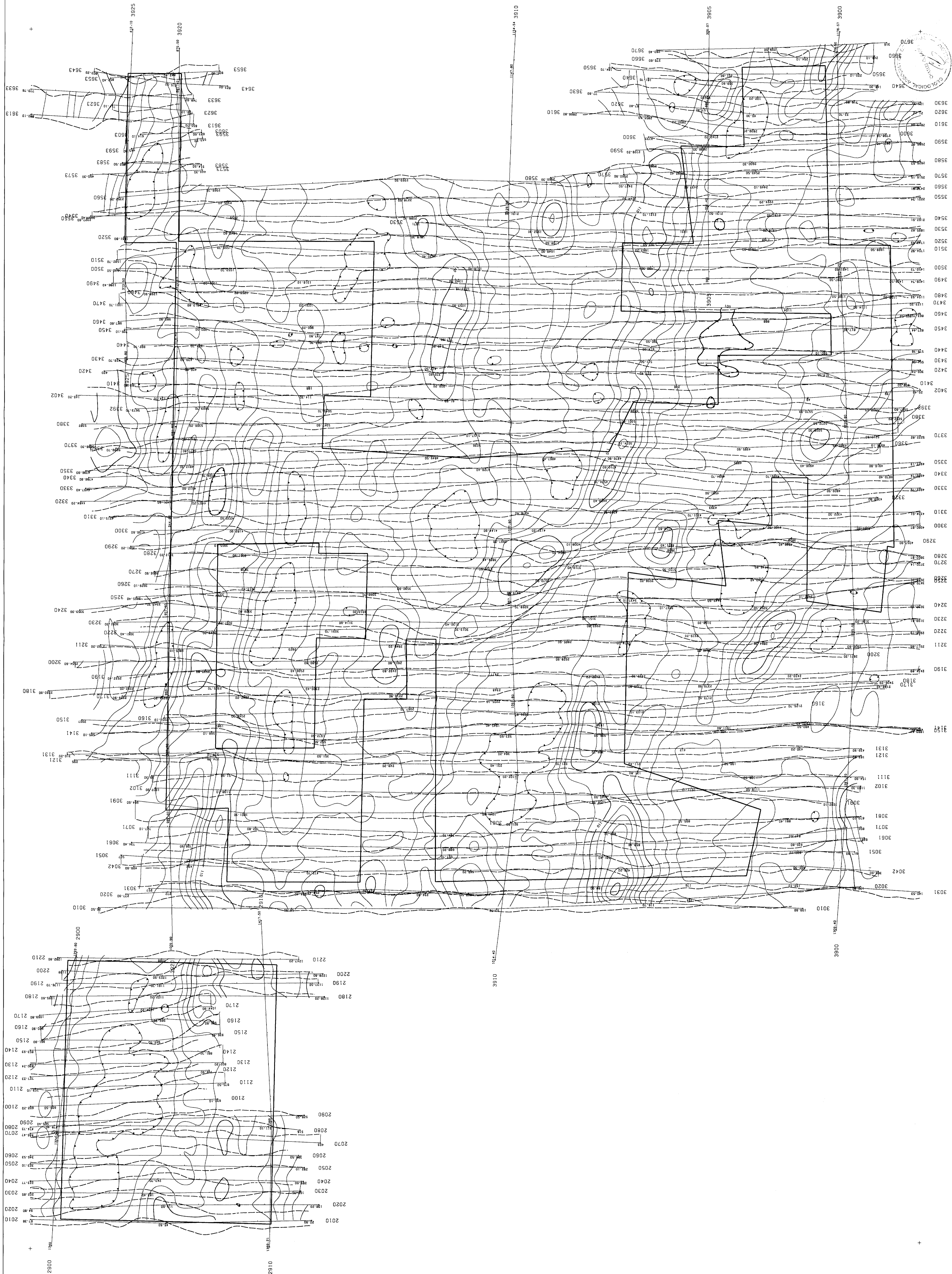
AIRBORNE MAGNETIC SURVEY
 TOTAL MAGNETIC FIELD

MALLARD TWP.
 ONTARIO

N.T.S. NO.	410/9	DRAWING NO.	A-875 i-1
SCALE	1 : 10,000	DATE	December 1990

TERRAQUEST LTD. 
 TORONTO, CANADA





BLUE FALCON MINES LTD.

AIRBORNE VLF-EM SURVEY
 CONTOURS OF TOTAL FIELD STRENGTH
 PROFILES OF QUADRATURE

YEO & CHESTER TWPSS
 ONTARIO

N.T.S. NO. 410/5, 4P/7/2 DRAWING NO. A-875.2-2
 SCALE 1:10,000 DATE December 1990

TERRAQUEST LTD.
 TORONTO, CANADA

LEGEND

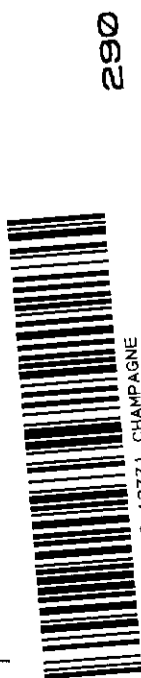
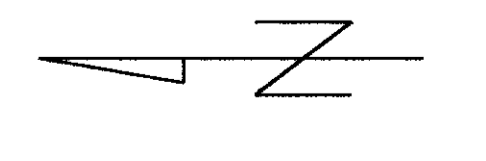
Survey Altitude
 100 metres MLC
 100 metres

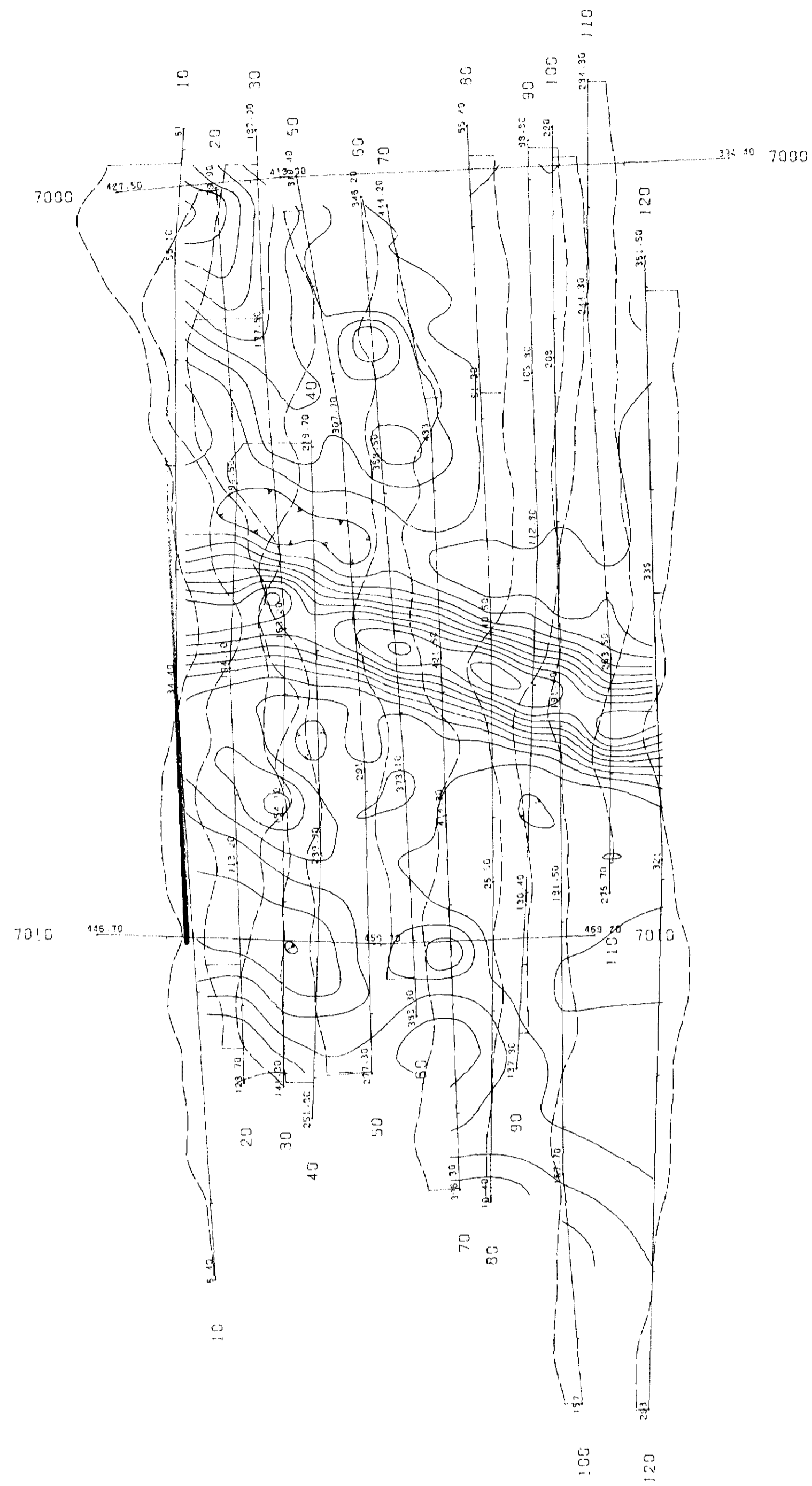
Survey Boundary

TOTAL FIELD STRENGTH (Contours)
 50%
 2%

QUADRATURE (Profiles along Flight Lines)
 Normal Slope
 Reverse Slope

+ 5%
 - 5%

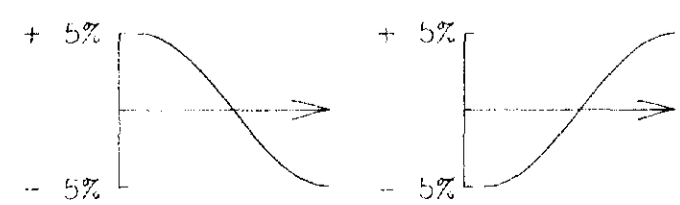




LEGEND
 Survey Altitude 100 metres MTC
 Line Spacing 100 metres
 Survey Boundary

TOTAL FIELD STRENGTH (Contours)
 50%
 10%
 2%

QUADRATURE (Profiles along Flight Lines)
 Normal Slope Reverse Slope



BLUE FALCON MINES LTD. 300

AIRBORNE VLF-EM SURVEY
 CONTOURS OF TOTAL FIELD STRENGTH
 PROFILES OF QUADRATURE

2.1377A

CHAMPAGNE TWP.
 ONTARIO

N.T.S. NO.	41P/12	DRAWING NO.	A-875 4-2
SCALE	1 : 10,000	DATE	December 1990

TERRAQUEST LTD. 
 TORONTO, CANADA



41P12568528 E. 13771 CHAMPAGNE

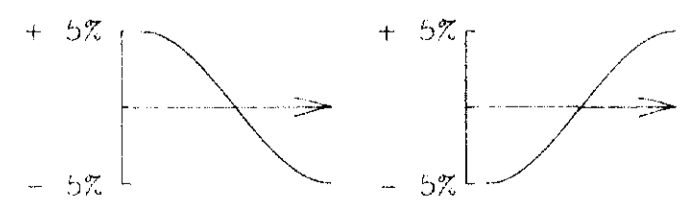


LEGEND

Survey Altitude 100 metres MTC
 Line Spacing 100 metres
 Survey Boundary

TOTAL FIELD STRENGTH (Contours)
 50%
 10%
 2%

QUADRATURE (Profiles along Flight Lines)
 Normal Slope
 Reverse Slope



BLUE FALCON MINES LTD. 310

AIRBORNE VLF-EM SURVEY
 CONTOURS OF TOTAL FIELD STRENGTH
 PROFILES OF QUADRATURE

MALLARD TWP.
 ONTARIO

N.T.S. NO.	410/9	DRAWING NO.	A-875.1-2
SCALE	1 : 10,000	DATE	December 1990

TERRAQUEST LTD.
 TORONTO, CANADA

2.13771



