



31M05NE0032 2.6142 BUCKE

010

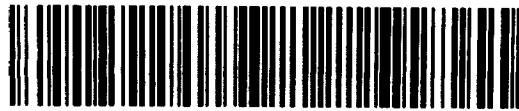
REPORT ON  
COMBINED HELICOPTER-BORNE  
MAGNETIC AND ELECTROMAGNETIC  
SURVEY  
NEW LISKEARD, ONTARIO.

**RECEIVED**

DEC 9 1983

**MINING LANDS SECTION**

for  
MONOPROS LIMITED →  
by  
AERODAT LIMITED  
NOVEMBER 1982



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LIST OF MAPS  
(Scale: 1:15,000)

Maps

- 1 Airborne Electromagnetic Survey Profiles and  
Interpretation 4550 Hz. (coaxial)
  
- 2 Total Field Magnetic Map

1. INTRODUCTION

This report describes an airborne geophysical survey carried out on behalf of Monopros Limited by Aerodat Limited. Equipment operated included a 3 frequency electromagnetic system and a magnetometer. The survey, located near New Liskeard Ontario was flown on November 2nd and 3rd, 1982 and a total of 300 line kilometers of data was collected. This report refers to 13.5 kilometers of the survey corresponding to the claims indicated on the accompanying maps.

2. AIRCRAFT EQUIPMENT AND PERSONNEL

2.1 Aircraft

The helicopter used for the survey was an Aerospatiale A-Star 350D owned and operated by North Star Helicopter of Timmins, Ontario. Installation of the geophysical and ancillary equipment was carried out by Aerodat at Timmins. The helicopter was operated at a mean terrain clearance of 60 meters.

2.2 Equipment

2.2.1 Electromagnetic System

The electromagnetic system was an Aerodat/Geonics/Geotech 3 frequency system. Two vertical coaxial coil pairs were operated at 955 and 4535 Hz and a horizontal coplanar coil pair at 4130 Hz. The transmitter-receiver separation was 7 meters. In-phase and quadrature signals were measured simultaneously for the 3 frequencies with a time-constant of 0.1 seconds. The EM bird was towed 30 meters below the helicopter.

2.2.2 Magnetometer

The magnetometer was a Geometrics G-803 proton precession type. The sensitivity of the instrument was 1 gamma at a 1 second sample rate. The sensor was towed in a bird 15 meters below the helicopter.

2.2.3 Magnetic Base Station

An IFG proton precession type magnetometer was operated at the base of operations to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system to facilitate later correlation.

2.2.4 Radar Altimeter

A Hoffman HRA-100 radar altimeter was used to record terrain clearance. The output from the instrument is a linear function of altitude for maximum accuracy.

2.2.5 Tracking Camera

A Geocam tracking camera was used to record flight path on 35 mm film. The camera was operated in strip mode and the fiducial numbers for cross reference to the analog and digital

data were imprinted on the margin of the film.

2.2.6 Radar Positioning System

A Motorola Mini-Ranger (MRS III) radar navigation system was utilized for both navigation and track recovery. Transponders located at fixed known locations were interrogated several times per second and the ranges from these points to the helicopter measured to several meter accuracy. A navigational computer triangulates the position of the helicopter and provides the pilot with navigation information. The range/range data was recorded on magnetic tape for subsequent flight path determination.

2.2.7 Analog Recorders

A RMS 16-channel dot-matrix recorder was used to display the data during the survey. The chart speed was 2 mm/sec. and in addition to manual and time fiducials the following data was recorded:

RMS Dot-matrix

<u>Channel</u>	<u>Input</u>	<u>Scale</u>
00	Altimeter	10 ft/mm (top=500 Ft.)
05	EM Coplanar (in-phase 4130 Hz.)	4 ppm/mm
06	EM Coplanar (quadrature 4130 Hz.)	4 ppm/mm
07	EM Coaxial (in-phase 4535 Hz.)	2 ppm/mm
08	EM Coaxial (quadrature 4535 Hz.)	2 ppm/mm
09	EM Coaxial (in-phase 955 Hz.)	2 ppm/mm
10	EM Coaxial (quadrature 955 Hz.)	2 ppm/mm
11	Magnetometer	4 gammas/mm
12	Magnetometer	2 gammas/mm

2.2.8 Digital Recorder

A Perle DAC/NAV data system recorded the survey data on cassette magnetic tape. Information recorded was as follows:

<u>Equipment</u>	<u>Interval</u>
EM	0.1 sec.
Magnetometer	0.5 sec.
Altimeter	1.0 sec.
Fiducial (time)	1.0 sec.
Fiducial (manual)	0.2 sec.



2.3 Personnel

Personnel directly involved with the survey operation were as follows:

Pilot: John Levesque

Equipment Operator/Technician: P. Moisan

3. DATA PRESENTATION

3.1 Flight Plan

The flight lines were flown in a 30°/210° direction at a mean spacing of 150 meters.

Navigation and flight path recovery were accomplished visually using the MRS III radar positioning system.

3.2 Electromagnetic

The Aerodat 3 frequency system utilizes 2 different transmitter/receiver coil geometries. The traditional coaxial coil configuration is operated at 2 frequencies, 955 and 4535 Hz and a second horizontal coplanar coil configuration is operated at 4130 Hz.

A given conductive source within the detection range of the system will couple differently with the coaxial as opposed to coplanar coil pairs. As a result the characteristic shape of the anomaly may differ significantly between geometries.

In the case of a thin steeply dipping dyke-like feature, the coaxial coil pair yield a symmetric peak directly over the conductor whereas the coplanar coil pair yield a minimum flanked by positive side lobes.

As the dip of the conductor decreases the coaxial anomaly shape changes slightly but in the case of the coplanar coil pair the side lobe on the down dip side strengthens relative to that on the up dip side. This asymmetry characteristic may be used for estimating dip.

As the thickness of the conductor increases the coaxial response shape changes slightly. However, in the case of the coplanar coils the minimum response directly over the conductor diminishes in amplitude relative to the positive side lobes and in the limiting case of a sphere or horizontal sheet-like conductor the minimum will disappear completely.

In general the coaxial coil pairs operated at two frequencies provide a conductive response range sufficiently broad to ensure a good response from geologic conductors. The coplanar coil pair provides additional information well suited to the interpretation of the structure of the conductive anomaly.

The Airborne Electromagnetic Survey Profile Map shows a phasor diagram in the legend for the coaxial coil pair at 4535 Hz. The apparent conductance is determined by applying the inphase and quadrature anomaly amplitudes of the coaxial coil configuration

to the phasor diagram for the vertical half-plane model. The relationship of apparent conductance to true conductance, which in the case of narrow, slab-like bodies is the product of the electrical conductivity and average thickness, depends upon how closely the body approximates the sheet-like form, and upon how nearly at right angles its strike direction is to the flight line of the aircraft.

Conductance in mhos is the reciprocal of resistance in ohms and is a geologic parameter because it is characteristic of the conductor alone. It is generally independent of frequency and flying height (or depth of burial) and relatively independent of conductor strike length and dip. The inphase amplitude is a function of both flying height and dip, and is more strongly affected by conductor size than is conductance.

Apparent depths to the conductors can also be determined from the phasor diagram. Although the phasor curves are often able to distinguish between conditions of comparatively thick and thin overburden, the depth estimates are not generally reliable.

Some of the more common reasons for this area;

- (i) The conductivity of the body may change with depth
- (ii) the conductor plunges
- (iii) the dip is substantially less than vertical
- (iv) interference from conductive overburden or host rock has distorted the anomalies
- (v) the body has too short a strike length to give a good half-plane response

Any of the conditions enumerated above may affect the anomaly amplitudes. Some will cause roughly proportionate changes in both phases, so that the depth estimates tend to be more seriously affected than the conductance estimates.

Anomalies that displayed the characteristics of a steeply dipping conductive source were selected and their amplitudes applied to the phasor diagram. The resulting conductance estimates are symbolized on the interpretation map.

### 3.3 Magnetics

The Total Field Magnetic Map shows contours of the total magnetic field, uncorrected for regional variation.

A correction for diurnal variation was made by direct subtraction of the recorded magnetic base station variation. An apparent coincidence between an EM and a magnetic anomaly may be caused by a conductor which is also magnetic, or by a conductor which lies in close proximity to a magnetic body. The majority of conductors which are also magnetic are sulphides containing pyrrhotite and/or magnetite. Conductive and magnetic bodies in close association can be, and often are, graphite and magnetite. It is often very difficult to distinguish between these cases. If the conductor is also magnetic, it will usually produce an EM anomaly whose general pattern resembles that of the magnetics. Depending on the magnetic permeability of the conducting body, the amplitude of the inphase EM anomaly will be weakened, and if the conductivity is also weak, the inphase EM anomaly may even be reversed in sign.

4. INTERPRETATION AND RECOMMENDATIONS

Throughout most of the area a response due to conductive overburden can be noted; the mid frequency coplanar and high frequency coaxial response closely resemble each other, with an amplitude ratio of about 4/1.

Cultural anomalies and effects are also noted. Noise from major power lines is very apparent on the analog records but largely suppressed on the filtered profile maps. Cultural features such as fences, telephone and minor power lines are not always distinguishable from steeply dipping bedrock conductors by their profile response. On the interpretation map conductor axes aligned with recognizable cultural features have been interpreted and identified as being of non-geologic origin.

Some anomalies exist within the survey area that have the profile characteristics of a steeply dipping conductive source or a well defined edge on a horizontal conducting layer. In some instances these anomalies may be due to cultural features, not clearly visible on the photomosaic.

The anomalies of probable geologic origin are indicated 'A', 'B', 'C'. They are of low apparent conductance indicative of an electrolytic conductor or minor disseminated mineralization. Conductors A and B fall on the flank of an intense magnetic anomaly of probable mafic volcanic origin.

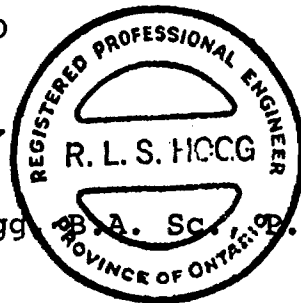
Follow up for massive sulphide mineralization is not recommended on the basis of the geophysical data alone; however, if the geological setting was considered favourable to gold mineralization further investigation is warranted.

Respectfully submitted,  
AERODAT LIMITED



December 7, 1982

R. L. Scott Hogg



Eng.





900

5.667558  
 ease type or print.  
 number of mining claims traversed exceeds space on this form, attach a list. Only days credits calculated in the Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.

Type of Survey(s) **AIRBORNE MAGNETIC AND ELECTROMAGNETIC** Township or Area **BUCKE TWR NEW LISLEARD AREA (M-432)**

Claim Holder(s) **DONALD BOUCHER** Prospector's Licence No. **A 45229**

Address **MONOPROS LIMITED, 20 VICTORIA STREET, TORONTO, ONT. M5C 2N8**

Survey Company **AERODAT LIMITED** Date of Survey (from & to) **2 11 82 3 11 82** Total Miles of line Cut

Name and Address of Author (of Geo-Technical report) **R.L. SCOTT HOGG 3883 NASHUA DR. MISSISSAUGA, ONT.**

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)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Men Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	28
	Magnetometer	28
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
5	667558				
	667559				
	667560				
	667561				
	667562				
	667563				
	667564				
	667565				
	667566				
	667567				
	667568				
	667569				

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 NOV 16 1983  
 MINING DIV.

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures **5** ÷ **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. **12**

Date **25/11/83** Recorder Holder or Agent (Signature) **S. Small Bouché**

For Office Use Only

Total Days Cr. D.C. Recorded **672** Mining Receipts **893.2**

Date Recorded **Nov 29/83** Mining Receipts **893.2**

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 **WOLFGANG SKUBLAK, MONOPROS LIMITED, 20 VICTORIA STREET TORONTO, ONT. M5C 2N8**

Date Certified **Nov. 10/83** Certified by (Signature) **W. Skublak**



**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) Airborne magnetic and electro magnetic  
 Township or Area New Liskeard  
 Claim Holder(s) Donald Boucher  
 Survey Company Aerodat Limited  
 Author of Report R.L. Scott Hogg  
 Address of Author 3883 Nashua Drive, Mississauga, Ontario  
 Covering Dates of Survey Nov. 2 and 3, 1983  
(linecutting to office)  
 Total Miles of Line Cut \_\_\_\_\_

**MINING CLAIMS TRAVERSED**  
List numerically

(prefix)	(number)
<u>S</u>	<u>667558</u>
	<u>667559</u>
	<u>667560</u>
	<u>667561</u>
	<u>667562</u>
	<u>667563</u>
	<u>667564</u>
	<u>667565</u>
	<u>667566</u>
	<u>667567</u>
	<u>667568</u>
	<u>667569</u>

If space insufficient, attach list

<u>SPECIAL PROVISIONS CREDITS REQUESTED</u>	<u>DAYS per claim</u>
ENTER 40 days (includes line cutting) for first survey.	<u>Geophysical</u>
	<u>-Electromagnetic</u>
ENTER 20 days for each additional survey using same grid.	<u>-Magnetometer</u>
	<u>-Radiometric</u>
	<u>-Other</u>
	<u>Geological</u>
	<u>Geochemical</u>

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

Magnetometer 28 Electromagnetic 28 Radiometric \_\_\_\_\_  
(enter days per claim)

DATE: 9/12/83 SIGNATURE: Donald Boucher  
Author of Report or Agent

Res. Geol. \_\_\_\_\_ Qualifications 2.4871

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 12

OFFICE USE ONLY

**GEOPHYSICAL TECHNICAL DATA**

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

Number of Stations \_\_\_\_\_ Number of Readings \_\_\_\_\_

Station interval \_\_\_\_\_ Line spacing \_\_\_\_\_

Profile scale \_\_\_\_\_

Contour interval \_\_\_\_\_

**MAGNETIC**

Instrument \_\_\_\_\_

Accuracy – Scale constant \_\_\_\_\_

Diurnal correction method \_\_\_\_\_

Base Station check-in interval (hours) \_\_\_\_\_

Base Station location and value \_\_\_\_\_

**ELECTROMAGNETIC**

Instrument \_\_\_\_\_

Coil configuration \_\_\_\_\_

Coil separation \_\_\_\_\_

Accuracy \_\_\_\_\_

Method:  Fixed transmitter  Shoot back  In line  Parallel line

Frequency \_\_\_\_\_  
(specify V.L.F. station)

Parameters measured \_\_\_\_\_

**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) Airborne magnetic and electromagnetic

Instrument(s) Geometrics G-803 proton precession/aerodat, geonics, geotech 3 frequency system  
(specify for each type of survey)

Accuracy 1 Gamma/1 ppm  
(specify for each type of survey)

Aircraft used Aerospatial Astar 350 D Helicopter

Sensor altitude Magnetics 45 metres/electromagnetic 30 metres

Navigation and flight path recovery method Motorola Mini-Ranger (Mrs iii) Radar Navigation System

Aircraft altitude 60 metres Line Spacing 150 metres

Miles flown over total area 300 kilometres (187.5 miles) Over claims only 13.5km (8.4 miles)

**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 \_\_\_\_\_



Mining Lands Comments

-okay-

To: Geophysics Mr. R. Barlow.

Comments

Approved  Wish to see again with corrections

Date June 21/89 Signature R Barlow

To: Geology - Expenditures

Comments

Approved  Wish to see again with corrections

Date Signature

To: Geochemistry

Comments

LD

Approved  Wish to see again with corrections

Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

Initial Check

~~Dec.~~ Dec. 19. 1983 *May. Elle Anderson*

Assessed

1/3/84 - D.K.

Approved Reports of Work  
sent out

Notice of Intent filed

Approval after Notice of Intent  
sent out

Duplicate sent to Resident  
Geologist

Duplicate sent to A.F.R.O.

1983 12 19

Your File: 83-155

Our File: 2.6142

Mr. V.C. Miller  
Mining Recorder  
Ministry of Natural Resources  
199 Larch Street  
Sudbury, Ontario  
P3E 5P9

Dear Sir:

We have received reports and maps for an Airborne Geophysical (Electromagnetic and Magnetometer) Survey submitted on Mining Claims S 667558 to 69 inclusive in the Township of Bucke.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-1380

A. Barr:mc

cc: Monopros Ltd  
20 Victoria Street  
Toronto, Ontario  
M5C 2N8

cc: Areodat Limited  
3883 Nashua Drive  
Mississauga, Ontario  
L4V 1R3  
Attention: Scott Hogg

cc: Donald Boucher  
P.O. Box 28  
Toronto Dominion Centre  
Toronto, Ontario  
M5K 1B8



Dymond Twp. (M.468)

THE TOWNSHIP OF

# BUCKE

DISTRICT OF  
TIMISKAMING

SUDBURY  
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

### 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
- PATENTED S.R.O.
- CANCELLED

### NOTES

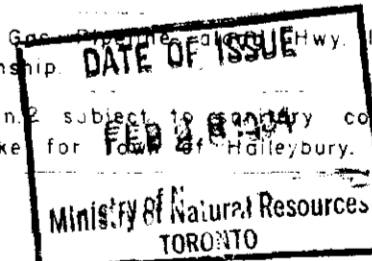
400' surface rights reservation along the shores of all lakes and rivers.

Staking of mining claims within Townsites shown thus only with consent of the Minister.

Flooding rights to elevation 595' above sea level in Lake Timiskaming.

Proposed Natural Gas Pipeline through this township.

N half Lot 8, Con 2 subject to primary control of Constance Lake for .

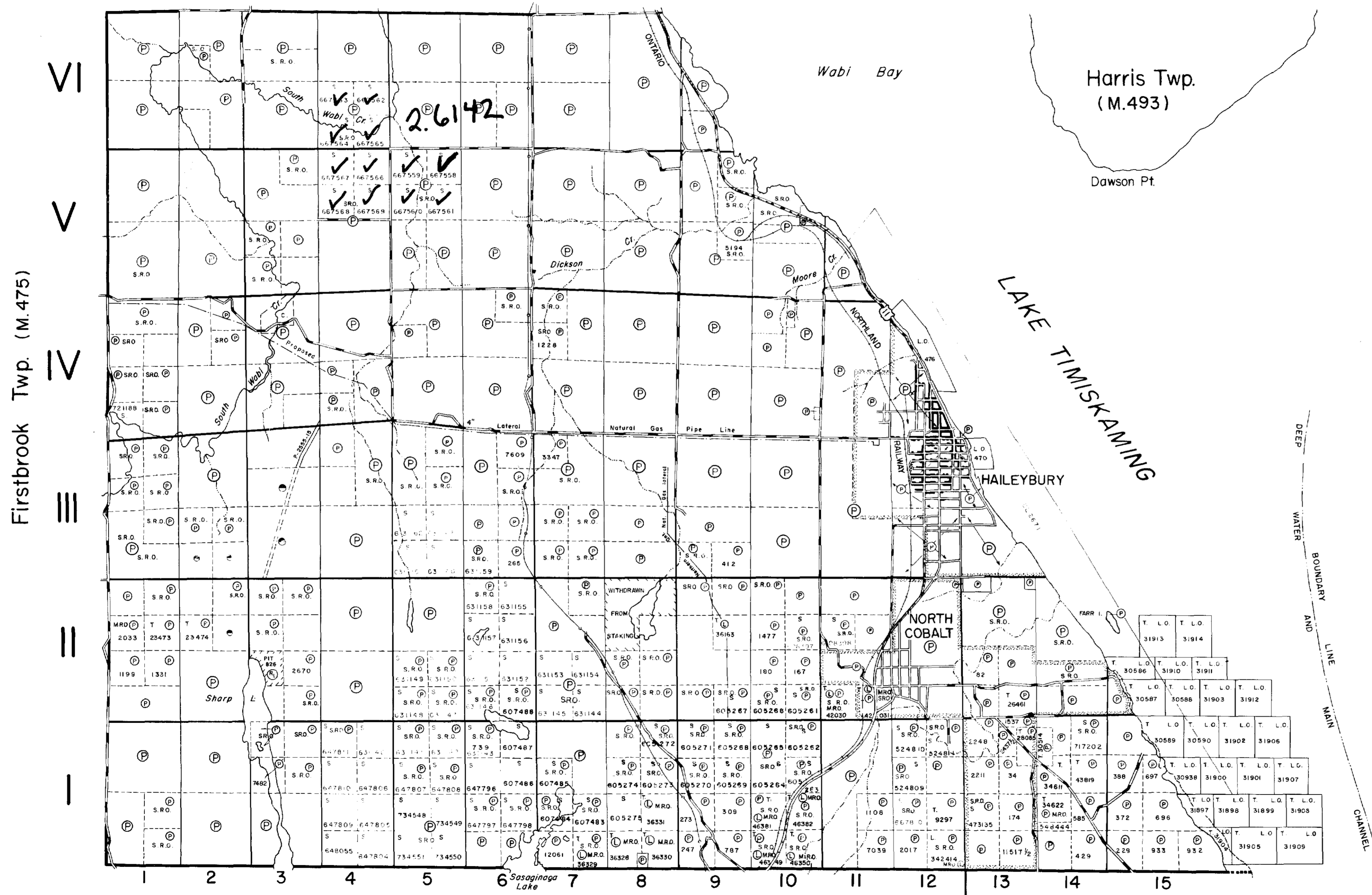


Areas withdrawn from staking under Section 43 of the Mining Act, R.S.O. 1970 (Sec. 42, R.S.O.'60).

Order No. File	Date	Disposition
160707		S.R.O.

PLAN NO - M. 432

ONTARIO  
MINISTRY OF NATURAL RESOURCES  
SURVEYS AND MAPPING BRANCH



Firstbrook Twp. (M.475)

VI  
V  
IV  
III  
II  
I

Coleman Twp. (M.454)

Lorrain Twp. (M.536)

Province of Quebec

BUCKE LMP

BUCKE LMP



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**LEGEND**

- 100 gammas
- 25 gammas
- 5 gammas



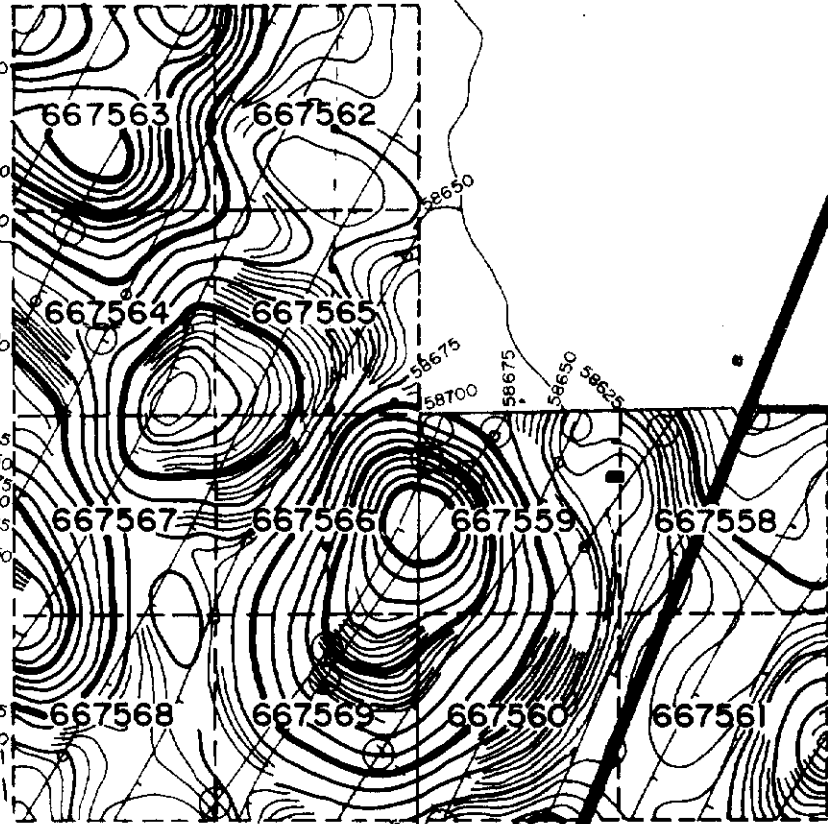
Microw  
Tower  
150'

Dymond Tp.

Bucke Tp.

VI

V



31M05NE0032 2.6142 BUCKE

210

Falls X BM 862

MONOPROS LIMITED

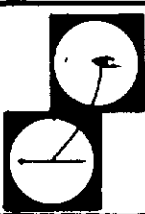
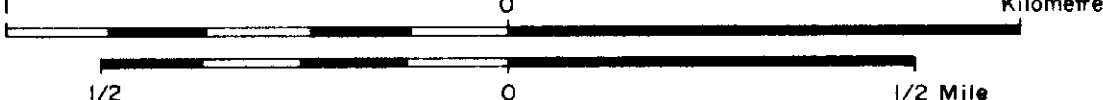
**TOTAL FIELD MAGNETIC MAP**

(AIRBORNE SURVEY)

NEW LISKEARD

ONTARIO

SCALE 1/15,000



**AERODAT**

*Jaques Letendre*

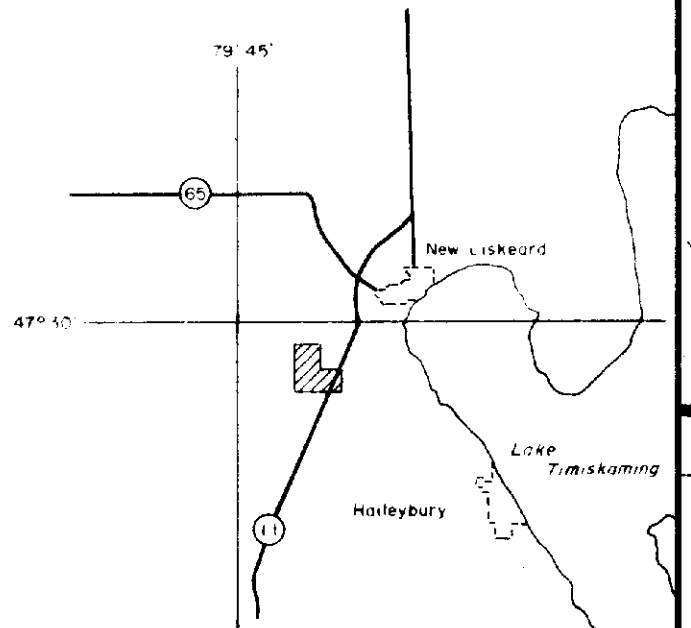
DATE : November, 1982

N.T.S. No. : 31 M

FIGURE No. : 3

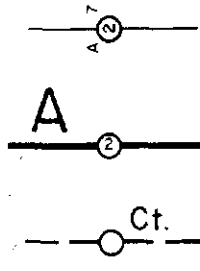
2-7586

**INDEX MAP**



**EM RESPONSE**  
Conductivity thickness in mhos

- ⑨ > 500
- ⑧ 250 - 500
- ⑦ 125 - 250
- ⑥ 60 - 125
- ⑤ 30 - 60
- ④ 15 - 30
- ③ 8 - 15
- ② 4 - 8
- ① 2 - 4
- < 2

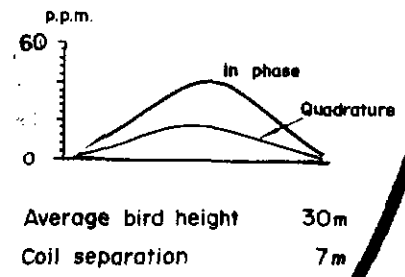


EM Anomaly A, in-phase amplitude 7 p.p.m.  
Conductivity thickness range 2 (see code)

Interpreted conductor axis "A"

Suspected cultural conductor

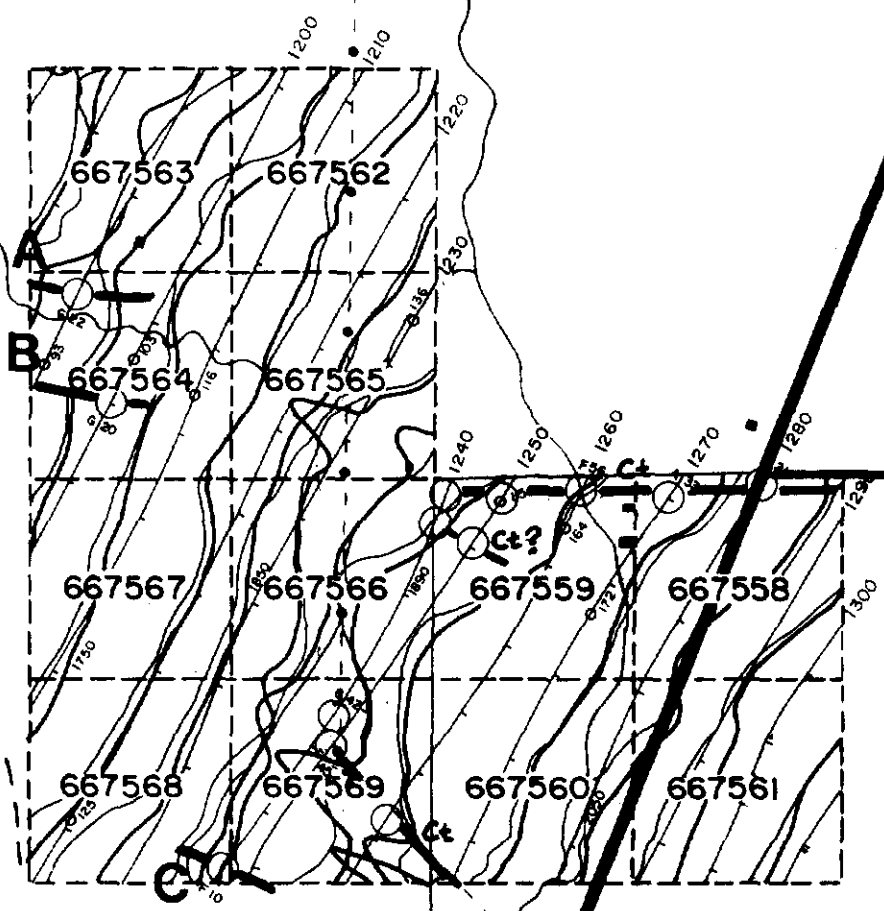
**LEGEND**



Microw Tower 150'

Dymond Tp  
Bucke Tp

Cable St



VI

V



31M05NE0032 2.6142 BUCKE

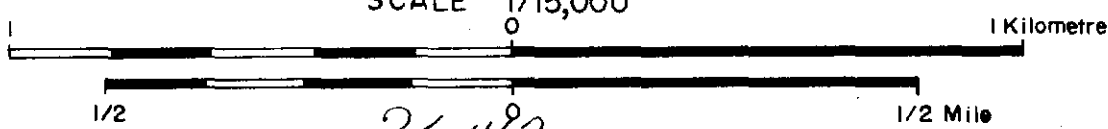
220

Falls X BM 862

MONOPROS LIMITED

**AIRBORNE ELECTROMAGNETIC SURVEY**  
**PROFILES - 4535 Hz. (co-axial)**  
**INTERPRETATION**  
NEW LISKEARD  
ONTARIO

SCALE 1/15,000



DATE November, 1982  
N.T.S. No. 31 M  
MAP No.

**INDEX MAP**

