

2.4412



42A02SW0084 2.4412 ARGYLE

010

REPORT ON GEOPHYSICAL SURVEYS  
MCGILL GROUP OF CLAIMS  
ARGYLE AND HINCKS TOWNSHIPS  
LARDER LAKE MINING DIVISION  
PROVINCE OF ONTARIO

**RECEIVED**  
DEC 14 1981  
MINING LANDS SECTION

by

F.J. Eveleigh

Johns-Manville Canada Inc.  
Exploration Department

November 10th, 1981  
Asbestos, Quebec

REPORT ON GEOPHYSICAL SURVEYS  
MCGILL GROUP OF CLAIMS  
ARGYLE AND HINCKS TOWNSHIPS  
LARDER LAKE MINING DIVISION  
PROVINCE OF ONTARIO

Introduction:

The following report describes the geophysical surveys completed during the fall of 1981 on six mining claims recorded in the name of Johns-Manville Canada Inc. and located in Argyle and Hincks Townships, Larder Lake Mining Division.

Cutting and chaining of grid lines were contracted to Ingamar Explorations of Connaught, Ontario.

Electromagnetic surveying was conducted by J. Goodger - Senior Geologist - assisted by M. Bruce. A McPhar vertical loop unit was used for this work.

Magnetometer surveying was carried out by K. Gray, Fieldman and geophysical operator with the Company. A Fluxgate model MF-1 unit was used for this survey.

Draughting, interpretation and compilation of this report were completed by personnel from both the Matheson and Asbestos offices.

Supervision of the field work was handled by R. Kaltwasser - Senior Fieldman. Interpretation of the data and compilation of the report were the responsibility of the writer, Exploration Manager with Johns-Manville Canada Inc., based at Asbestos, Quebec.

Property:

The claims surveyed are contiguous, are situated in Argyle and Hincks Townships and are numbered L-579578 to 579580 inclusive and L-579601 to 579603, inclusive.

These claims were staked during the latter part of November and recorded on December 5th, 1980. Transfer to Johns-Manville Canada Inc. was made in May, 1981.

Location and Accessibility:

The McGill Group straddles the north-south Township line between Argyle and Hincks and is located 3/4's of a mile north of the Bannockburn-Montrose boundaries.

Access is provided by a bush road which branches off from Highway No. 568 at a distance of approximately sixteen miles west of Matachewan. The property is situated two miles north of this highway.

### Topography:

The claims in Argyle Township are characterized by a broad ridge sloping gently towards the Whitefish River. A large, northerly trending cedar swamp fills the central portion of the property. Drainage is to the northeast. The west central part is covered by a large hill which rises several hundreds of feet above the swamp elevation.

Sand and boulder till with low, scattered, rock outcrops occur on the higher ground. Forest cover is mainly balsam, now partially killed by the spruce budworm, with thick hazel brush undergrowth.

### Previous Work:

In 1919 the Geological Survey of Canada published Memoir 115 entitled "Geology of Matachewan District, Northern Ontario" compiled by H.C. Cooke. Gold occurrences discovered in the area to the east of Hincks-Argyle Townships are described in this report.

A report on the "Bannockburn Gold Area" which includes the McGill claims, was compiled by H.C. Rickaby and published in the Forty-First Annual Report of the Ontario Department of Mines in 1932. Map No. 41a, on a scale of one inch equals 3/4's of a mile accompanies this report. Showings on the McGill claims are described on pages 19 and 20 of this report.

Aeromagnetic Maps on scales of one inch equals 1/2 and one mile have been published jointly by the O.D.M.-G.S.C. These plans have been used extensively for interpreting the ground magnetometer survey results.

Map No. 2205 - The Timmins-Kirkland Lake Sheet of the Geological Compilation Series, on a scale of one inch equals four miles, also covers the area.

In 1974 the Ontario Department of Mines issued Preliminary Maps Nos. 1017 and 1018 - Airborne Electromagnetic and Total Intensity Magnetic Survey - for Hincks and Argyle Townships. These plans give excellent detail over the McGill claims.

The geophysical programs described in this report were completed during the fall of 1981.

General Geology:

The Geology of Argyle and Hincks Townships is described in the Forty-First Annual Report of the Ontario Department of Mines compiled by H.C. Rickaby in 1932. Several reports on the Matachewan Area have been issued since that date, however, the majority cover the Townships to the east of Argyle.

The following "Table of Formations" has been taken from page 5 of Geological Report 51 on the Matachewan Area compiled by H.L. Lovell and published by the O.D.M. in 1967.

Table of Formations

Cenozoic:

Recent : Swamp and stream deposits.  
Pleistocene: Sand, gravel, clay.

Unconformity

PRECAMBRIAN:

Proterozoic:

Mafic Intrusive Rocks (Nipissing):  
Diabase.

Intrusive Contact

Huronian:

Cobalt Group (Gowganda Formation):  
Argillaceous and arkosic quartzite, conglomerate, argillite, arkose.

Unconformity

Archean:

Mafic Intrusive Rocks (Matachewan):  
Diabase, undifferentiated.

Intrusive Contact

Silicic Intrusive Rocks (Algoman):

Granite; granodiorite and granitic gneiss; syenite porphyry and coarse-grained syenite; syenite; mafic syenite, lamprophyre, quartz diorite and diorite.

General Geology: (Cont'd)

Intrusive Contact

Ultramafic and Mafic Intrusive Rocks (Haileyburian):  
Serpentinite, diorite.

Intrusive Contact

Sedimentary Rocks (Timiskaming):  
Conglomerate; greywacke and interbedded argillite and quartzite;  
arkose.

Unconformity

Volcanic Rocks (Keewatin):  
Basalt and andesite; bleached, silicified, sericitized volcanic  
rocks; andesite porphyry, tuff (banded, and massive types);  
agglomerate; rhyolite and dacite; carbonatized and  
amygdaloidal volcanic rocks; amphibolite.

As part of the 1981 exploration program on the McGill claims reconnaissance-type mapping of the topography and rock outcrops was conducted by R. Kaltwasser. Exposures in the northeast part of the property are mainly quartz-feldspar porphyry locally cut by quartz fractures. The volcanics, which occur to the southwest, range from intermediate to basic types, and have a high magnetite content. Considerable percentages of disseminated pyrite were noted in several of the outcrops. Trend of the formations is northwesterly with moderate to steep dips to the northeast.

A sizeable diabase dike, also striking to the northwest, has been mapped on claim L-579603 in Hincks Township.

Trenches and pits located during the traversing will be cleaned out, mapped and sampled as part of the 1982 program.

Line Cutting and Chaining:

The base line was started at the No. 1 post of claim L-579579 on the Argyle-Hincks Townships boundary and cut and chained to the east and west to the limits of the group. Right-angled offset lines, spaced at 400' intervals, were cut and chained to the north and south of the base line to the boundaries of the McGill property. Marked pickets were established every 100' along these offset lines by chainage.

Line Cutting and Chaining: (Cont'd)

Note that the north and south claim boundaries were cut out and the ends of the picket lines tied in by chainage, to increase the accuracy of the grid map.

Total miles of base (0.80), tie (1.57) and picket lines (5.47) cut and chained under contract to Ingamar Explorations was 7.84.

Electromagnetic Survey:

Electromagnetic surveying was conducted on the property by J. Goodger assisted by M. Bruce. Both men are employed by Johns-Manville Canada Inc. and are based at Matheson.

Field work was carried out during the mid-part of October, 1981, using a McPhar vertical loop, reconnaissance electromagnetic unit operating on a frequency of 1,000 cycles per second.

The McPhar unit is suitable for use as both a reconnaissance and relatively detailed instrument. In this survey, the transmitter was held vertically at a distance of 200 feet from the receiver; the receiver was then tilted about the axis joining the two coils until a null was observed. Both transmitter and receiver were moved on the same picket line, 200 feet apart, and readings were recorded at 100' intervals. Under these operating conditions a depth penetration of 100 feet was attained. Note that the transmitter was stationed to the north of the receiver throughout the survey.

Walkie-talkie units were used when required for proper communication between transmitter and receiver.

A total of 284 stations was recorded during the course of the survey.

The results of this work are shown on the accompanying Electro-Magnetic Profile Plan on a scale of one inch equals 200 feet. Profiles have been plotted on a scale of one inch equals 20°.

Several crossovers, indicative of weak to moderate conducting zones, have been delineated by this survey and are described in the following paragraphs. Note that the reconnaissance geological mapping-prospecting carried out as part of the overall program has helped in determining the cause of some of the conductors.

Electromagnetic Survey: (Cont'd)

On claim L-579601, a moderate crossover ( $+3^{\circ}-1^{\circ}$ ), has been recorded over a quartz-feldspar porphyry on Line 8E. A weak crossover ( $+1^{\circ}-2^{\circ}$ ) occurs over porphyritic rocks on Line 0+00. On Line 12E another weak crossover has been recorded over basaltic volcanics mineralized with minor disseminated pyrite.

A moderate to weak conducting zone, having crossovers of ( $+3^{\circ}-1^{\circ}$ ) on Line 12E and ( $+2^{\circ}-1^{\circ}$ ) on Line 8E, has been delineated over the magnetite-rich basaltic volcanics on claim L-579578. A moderate conductor with a crossover of ( $+3^{\circ}-3^{\circ}$ ) occurs along the southerly limit of a strong magnetic anomaly on Line 4E. This conductor may be along a basalt-porphyry contact. Weak conductors, both ( $+1^{\circ}-1^{\circ}$ ) occur over mineralized quartz veins on Line 0+00. This area had been trenched by previous holders.

Two weak crossovers have been recorded on claim L-579579 ( $+1^{\circ}-1^{\circ}$ ) on Line 8W and ( $+2^{\circ}-1^{\circ}$ ) on Line 12W. These are located in an area underlain by andesitic rocks.

A moderate crossover ( $+3^{\circ}-2^{\circ}$ ) has been recorded on Line 28W, claim L-579603, and is believed to be in an area underlain by intermediate volcanics.

Note that the northwesterly trend of the conductors shown on the accompanying plan has been based upon strikes recorded during the geological mapping and substantiated by both aerial and ground magnetic surveys.

Magnetometer Survey:

A magnetometer survey was conducted on the property during the mid-part of October, 1981. Readings were recorded using a Fluxgate unit - Model MF-1, Serial No. 409107 - having sensitivities of 20, 50, 200, 500 and 2,000 gammas as per division for the corresponding scales.

Prior to the survey the instrument had been checked and adjusted so that a gamma value of 1,220 corresponds closely with an absolute value of  $57,599^{\pm}$ . Munro-Beatty sill base station No. 2 was used for this purpose.

Base control stations were established along the base line at the junction of picket lines 12E, 4W and 16W, were numbered 1, 2 and 3 and have values of 1,600, 2,560 and 1,120 respectively.

Magnetometer Survey: (Cont'd)

During the course of the survey the base control stations were observed at two hour intervals as a check on the working condition of the instrument and to record the daily diurnal variation.

Stations were spaced at 50' intervals - 25' where additional detail was required - along the grid lines and a total of 615 was recorded during the course of the survey.

The results of the survey are shown on the accompanying Geo-Magnetic Profile Plan on a scale of one inch equals 200 feet. Profiles have been plotted on a scale of one inch equals 4,000 gammas.

All available geological and geophysical data (listed previously) had been reviewed and air photos studied prior to compiling this report. The results of the reconnaissance geological mapping and prospecting carried out by R. Kaltwasser on the McGill group have been of great value for the interpretation of the magnetometer survey.

The claims surveyed are underlain by intermediate to basic volcanics which strike in a northwesterly direction, dip  $70^{\circ}$  to  $75^{\circ}$  to the northeast and have been intruded by quartz-feldspar porphyry and diabase dikes. Magnetic readings over the andesitic and basaltic flows range in value from 1,100 to an extreme high of 9,030 gammas. A strongly anomalous zone, up to 400 feet in width, occurs along the northeasterly contact of the volcanics and extends from the east boundary of the group to the west boundary of claim L-579602, a distance of over 3,000 feet.

Gamma values over these magnetite-rich andesites and basalts range from 2,000 to over 9,000 with the average varying between 3,000 and 5,000. Several small anomalies have been outlined on the property and appear to be due to similar magnetite concentrations in the volcanics.

Magnetic readings over the quartz-feldspar porphyry in the northeast section of claims range in value from 985 to 1,755 gammas with the average varying from 1,200 to 1,400. It would have been extremely difficult to outline this intrusive without the geological mapping results. Similarly, the steeply northwesterly trending diabase dike,



Magnetometer Survey: (Cont'd)

located in the northwesterly part of the map area, has been interpreted from the outcrop information. This dike ranges in width from 80 to 330 feet and, magnetically, varies from 1,015 to 3,385 gammas, the average being 1,200 to 1,400.

Two, major, northerly-trending structures have been delineated by topographic, magnetic and geologic data. The fault along the east boundary of Hincks Township offsets the magnetite-rich zone in the volcanics, a distance of approximately 300 feet (west side north). A similar movement is indicated for the fault located in the central part of the Hincks claims. This is based upon mapping of outcrops of andesite to the northwest of this structure, outside the map area.

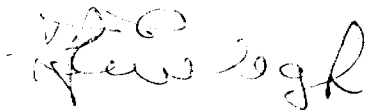
Note that the diabase dike does not outcrop to the southeast of the fault, and, consequently, no contacts have been shown on the accompanying plan.

Conclusions and Recommendations:

Several weak to moderate conductors, which warrant further exploration, have been delineated by the electromagnetic survey.

Magnetically, anomalous values have been recorded over a sizeable, magnetite-rich band of volcanics which strikes in a northwesterly direction across the claims. Several, scattered, small anomalies, also believed to be caused by concentrations of magnetite in the volcanics have been outlined on the property. Two major, northerly-trending cross structures have been sharply delineated by the survey work.











Recommendations for the 1982 exploration program on the McGill Group include detailed geophysical surveying and geological mapping to be followed by trenching-sampling-assaying and, if warranted, diamond drilling.








Submitted: November 10th, 1981

by: F.J. Evelegh  
Exploration Manager









GEOL. LEGEND

-  Quartz diabase, diabase.
-  Granite 5a, Syenite 5b, Feldspar porphyry 5c, Quartz feldspar 5d, Felsite 5e, Lamprophyre 5f.
-  Diorite 4a, Gabbro diabase 4b, Breccia 4e
-  Peridotite & Dunite (Serpentinized) (Asb. - Asbestos recognized)
-  Pyroxenite 4d.
-  Rhyolite fragmental lava
-  Andesite basalt pillow lava 2a, Diabasic lava 2b, Spherulitic lava 2c, Fragmental lava 2d, Tuff & chert 2e, Talc-chlorite schist 2f.
-  Greywacke 1a, Arkose 1b, Quartzite 1c, Argillite or shale 1d, Conglomerate 1e, Iron formation 1f, Chlorite schist 1g.
-  Carbonate rock
-  Quartz veins

GEO-MAG SYMBOLS




-  Contour interval 500 gammas
-  Magnetic Base Control Station
-  Geological Contact
  - G- Geological
  - M- Magnetic
  - T- Topographic
-  Fault Zone
-  Mag. Profile


TOPO-SYMBOLS

-  Outcrop
-  Higher ground
-  Scarp
-  Muskeg or Swamp
-  Creek
-  Drill hole
-  Bush road
-  Direction in which lava flows face, indicated by shape of pillows



ELECTRO-MAG SYMBOLS

GEONICS 15 UNIT


-  Conductive Zone (Red)
-  Magnetic Conductor (Blue)
-  Nil
- Scale - 20 units = 1 inch
- West & South - Pos. (Red)
- East & North - Neg. (Blue)

- Scale - 40 units = 1 inch
-  Conducting Zone - S - Strong, M - Medium, W - Weak

RONKA H.L. UNIT

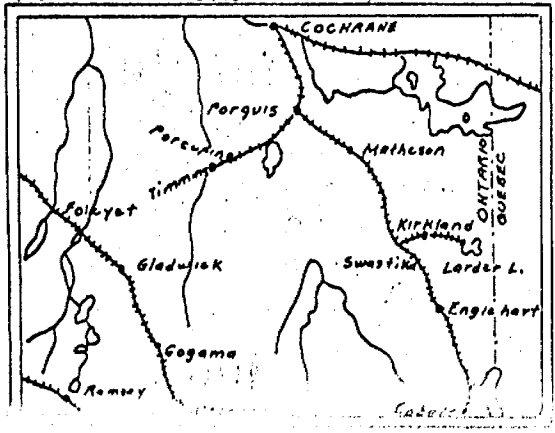
-  In phase curve
-  Out phase curve
- NPCS Not proper coil spacing
- East - Positive. West - Negative

M'PHAR V.L. UNIT

-  Dip angle profile
- North & East - Positive
- South & West - Negative

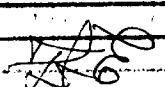
Geol. Survey by -  
Mag. Survey by -  
E.M. Survey by -

LOCATION SKETCH - 1" = 50 Miles



CANADIAN JOHNS-MANVILLE CO. LTD.  
MATHESON MUNRO MINE ONTARIO

LEGEND SHEET  
PROVINCE OF ONTARIO

SCALE	DATE
DRAWN - MB.	
TRACED	
APPROVED - J.S.E.	



GEOPHYSICAL TECHNICAL DATA

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

MAGNETIC

Number of Stations Mag. 615 E.M. 284 Number of Readings Mag. 650 E.M. 300

Station interval Mag. 50' & 25' E.M. 100' Line spacing 400'

Profile scale Mag. 1" = 4,000 g E.M. 1" = 20°

Contour interval

Instrument Fluxgate Magnetometer - Model MF-1, Serial #409107

Accuracy - Scale constant See attached photocopy

Diurnal correction method All readings corrected to value of Base Station No. 1

Base Station check-in interval (hours) 2 hours

Base Station location and value all on base line; No. 1 at Line 12E - value 1,600; No. 2 at Line 4W - value 2,560 and No. 3 at Line 16W - value 1,120 gammas.

ELECTROMAGNETIC

Instrument McPhar Dual Frequency Electromagnetic Unit - Serial #30-6507

Coil configuration Vertical

Coil separation 200'

Accuracy

Method:  Fixed transmitter  Shoot back  In line  Parallel line

Frequency 1,000 c.p.s. (specify V.L.F. station)

Parameters measured Dip angle & width of null

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

2.4412

1982 11 02

2.4412

Mining Recorder  
Ministry of Natural Resources  
4 Government Road East  
P.O. Box 984  
Kirkland Lake, Ontario  
P2N 1A2

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey on Mining Claims L 579578 et al in the  
Township of Argyle and Hincks

---

The Geophysical (Electromagnetic and Magnetometer) Survey  
assessment work credits as shown on the attached statement  
have been approved as of the above date.

Please inform the recorded holder of these mining claims  
and so indicate on your records.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

A. Barr:sc

Encls:

cc: Johns-Manville Canada Inc  
Asbestos, Quebec

cc: Resident Geologist  
Kirkland Lake, Ontario

Recorded Holder
<b>JOHNS-MANVILLE CANADA INCORPORATED</b>
Township or Area
<b>ARGYLE AND HINCKS</b>

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ <b>40</b> _____ days Magnetometer _____ <b>20</b> _____ days Radiometric _____ days Induced polarization _____ days Section 86 (18) _____ days Geological _____ days Geochemical _____ days  Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/>  <input type="checkbox"/> Credits have been reduced because of partial coverage of claims.  <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<b>L 579578 to 80 inclusive</b> <b>579601 to 03 inclusive</b>

**Special credits under section 86 (15a) for the following mining claims**

**No credits have been allowed for the following mining claims**

not sufficiently covered by the survey                       Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 86(18)-60:



AMENDED NOTICE

Ministry of Natural Resources  
Recording Office  
4 Government Road East  
KIRKLAND LAKE, Ontario  
P2N 1A2

Notification of recording  
of assessment work credits

Lands Administration Branch  
Mining Lands Section  
Ministry of Natural Resources  
Room 1617, Whitney Block  
Queen's Park, Toronto  
M7A 1W3

**RECEIVED**

**DEC 15 1981**

**MINING LANDS SECTION**

Date of recording of work: DECEMBER 1, 1981

Recorded holder: JOHNS-MANVILLE CANADA INC.


Address: Exploration Department, Box 1500, ASBESTOS, Quebec J1T 3N2

Township or Area: ARGYLE & HINCKS TOWNSHIPS

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	L 579578 to L 579580 inclusive L 579601 to L 579603 inclusive
Electromagnetic <u>60</u> ) <u>40</u> days	
Magnetometer <u>20</u> ) days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological _____ days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input type="checkbox"/> Ground <input type="checkbox"/>	

Notice to recorded holder:

- Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.
- Reports and maps are being forwarded to the Lands Administration Branch with this letter.

  
 Acting Mining recorder /bs  
 c.c. Johns Manville Canada Inc.



Mining Lands Comments

*You wanted to see this again.*

To: Geophysics *Mr. Barber.*

Comments

Approved

Wish to see again with corrections

Date *Oct 6/82*

Signature *Ryan [Signature]*

To: Geology - Expenditures

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Geochemistry

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

*L.D.*





# Johns-Manville Canada Inc.

24412

Division de la fibre d'amiante  
Asbestos Fibre Division

Asbestos, Québec J1T 3N2  
Canada  
Téléphone: 819-879-5431  
Telex: 05-836157

Present address:  
P.O. Box 610  
Matheson, Ontario  
POK 1N0

August 24, 1982

Mr. E.F. Anderson  
Director  
Land Management Branch  
Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey submitted on Mining Claims L 579578 et al  
in the Townships of Argyle and Hincks

As requested, returned herewith find E.M. maps, in duplicate, which have been corrected to show dip angle values for each station recorded and a key map showing the location of the property with respect to the Township boundaries.

Yours very truly,

F. J. Evelegh  
Exploration Manager

cc:  
J.M. Sharratt - Denver  
file

Encls

<b>RECEIVED</b>	
Land Management Branch	
CIRCULATE	<input type="checkbox"/>
COMMENTS PLEASE	<input type="checkbox"/>
BY	
AUG 26 1982	
E. F. ANDERSON	
J. R. MORTON	
J. C. SMITH	
G. SHERMAN	
J. M. SMALL	
RETURN TO R.6450	

1982 08 16

2.4412

Johns Manville Canada Incorporated  
Exploration Department  
Box 1500  
Asbestos, Quebec  
J1T 3N2

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey submitted on Mining Claims L 579578 et  
al in the Township of Argyle and Hincks

Enclosed is the E.M. map (in duplicate) for the above-mentioned survey. In order to complete your submission we require the following information on these maps:

- 1) a key map showing the location of the property with respect to township boundaries.
- 2) the values of the readings must be shown at each station point, i.e. raw data.

For further information, please contact Mr. F.W. Matthews at 416-965-1380.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

A. Barr:sc

Encls:

cc: Mining Recorder  
Kirkland Lake, Ontario



Mining Lands Comments

- EM maps have no readings

To: Geophysics

Mr. Barlow.

Comments  
- key map needed  
- EM map must contain readings

Approved  Wish to see again with corrections

Date: Aug 13/82

Signature: [Handwritten Signature]

To: Geology - Expenditures

Comments

Approved  Wish to see again with corrections

Date

Signature

To: Geochemistry

Comments

Approved  Wish to see again with corrections

Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

December 30, 1981

2.4412

Office of the Mining Recorder  
Ministry of Natural Resources  
4 Government Road East  
P.O. Box 984  
Kirkland Lake, Ontario  
P2N 1A2

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims L.579578 et al, in the Townships of Argyle and Hincks.

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 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

J. Skura/bk

cc: Johns-Manville Canada Inc.  
Asbestos, Quebec  
Attention: F.J. Evelegh



# Johns-Manville Canada Inc.

Division de la fibre d'amiante  
Asbestos Fibre Division

Asbestos, Québec J1T 3N2  
Canada  
Téléphone: 819-879-5431  
Telex: 05-836157

December 10th, 1981

REGISTERED MAIL

Lands Administration Branch  
Mining Lands Section  
Ministry of Natural Resources  
Room 1617  
Whitney Block, Queen's Park  
Toronto, Ontario  
K7A 1W3

**RECEIVED**

**DEC 14 1981**

**MINING LANDS SECTION**

Dear Sir:

Enclosed find "Report and Maps", in duplicate, covering geophysical surveys completed on mining claims held by this Company in Argyle and Hincks Townships.

Special Provision form is attached.

Note that "Report of Work" forms covering these surveys have been filed with the Mining Recorder in Kirkland Lake.

Yours very truly,

F.J. Eveleigh  
Exploration Manager

cc:

Mr. G. Koleszar, Mining Recorder, Kirkland Lake, Ontario  
J.M. Sharratt - Denver  
G. McDonald - "  
W.M. Bruce - Matheson  
File

Encls.

U2521M

VDU FILE ID

U2521M

Mc Neil Twp.

Robertson Twp.

THE TOWNSHIP OF
















# ARGYLE

DISTRICT OF  
TIMISKAMING

LARDER LAKE  
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

### LEGEND

- PATENTED LAND 
- CROWN LAND SALE 
- LEASES 
- LOCATED LAND 
- LICENSE OF OCCUPATION 
- MINING RIGHTS ONLY 
- SURFACE RIGHTS ONLY 
- ROADS 
- IMPROVED ROADS 
- KING'S HIGHWAYS 
- RAILWAYS 
- POWER LINES 
- MARSH OR MUSKEG 
- MINES 
- CANCELLED 

### NOTES

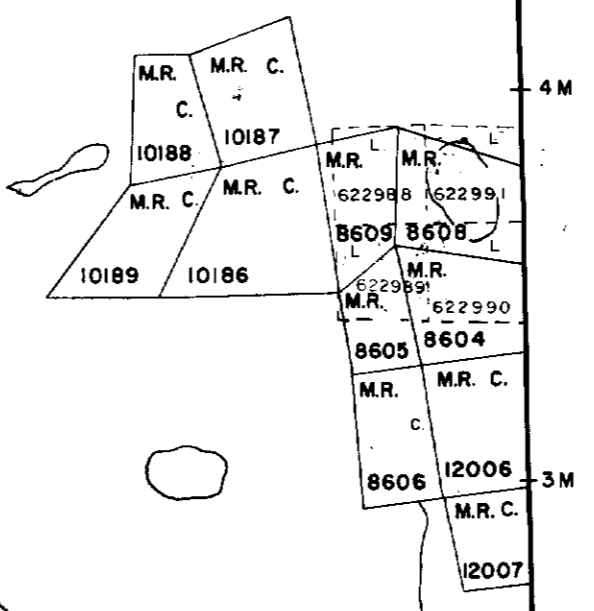
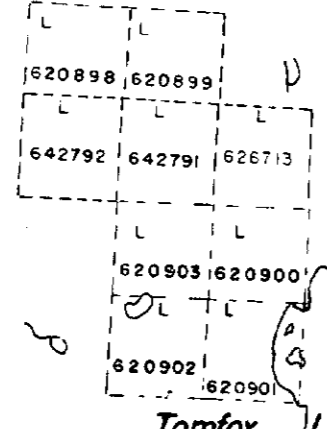
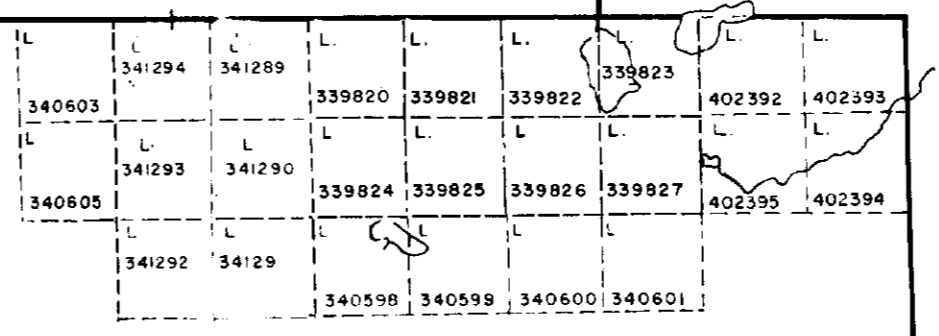
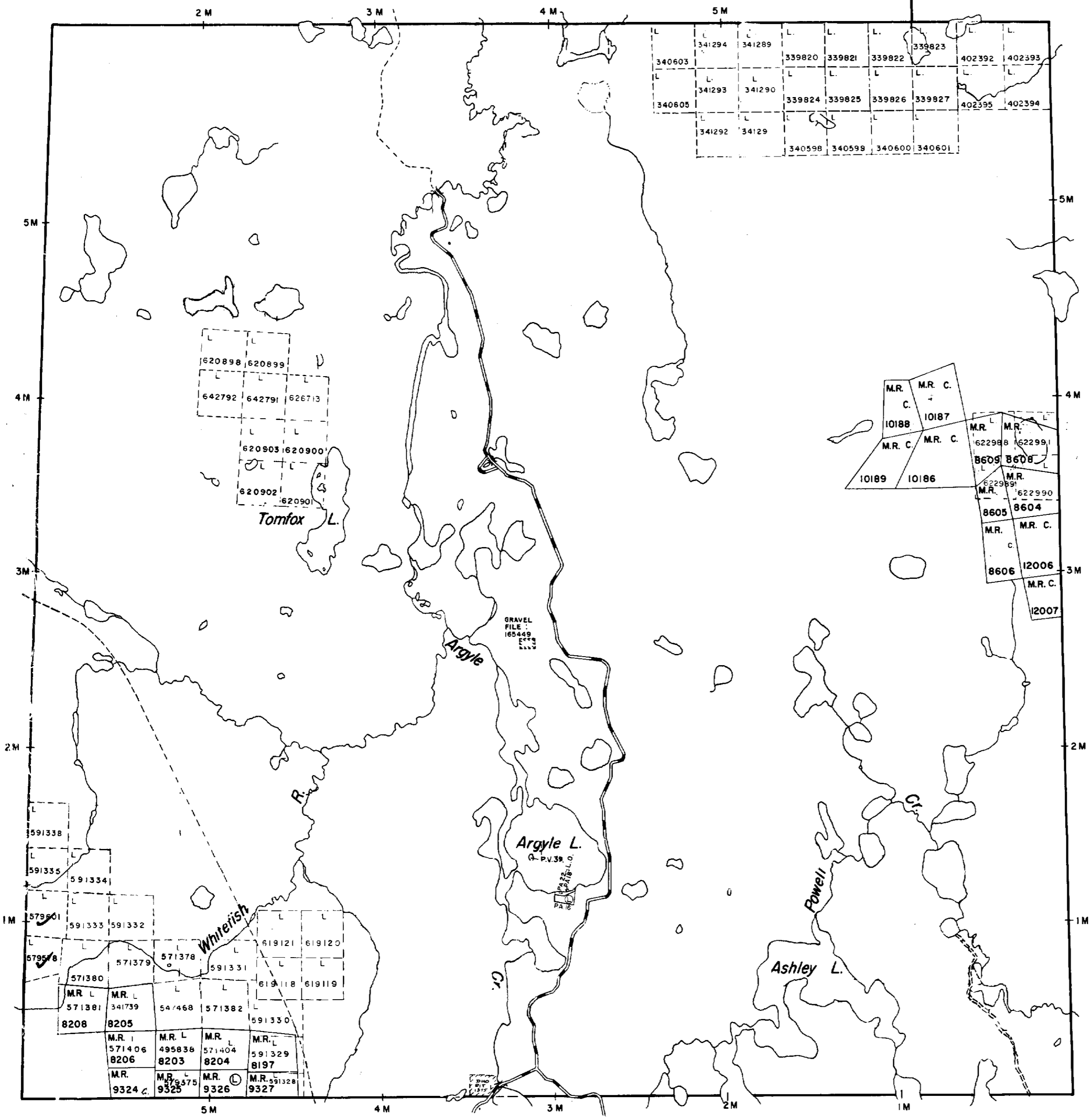
400' Surface rights reservation and all townships and rivers.

DATE OF ISSUE  
**OCT 25 1982**  
 Ministry of Natural Resources  
 TORONTO

2.4412

PLAN NO.- M-203

ONTARIO  
MINISTRY OF NATURAL RESOURCES  
SURVEYS AND MAPPING BRANCH



42A025W00084 2.4412 ARGYLE

THE TOWNSHIP  
OF  
**HINCKS**

DISTRICT OF  
TIMISKAMING

LARDER LAKE  
MINING DIVISION

SCALE: 1-INCH=40 METERS

**LEGEND**

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES

**NOTE**

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

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970).  
Order No. File Date Disposition

(R) W 27/78 188522 May 31, 1978 S.R.O.

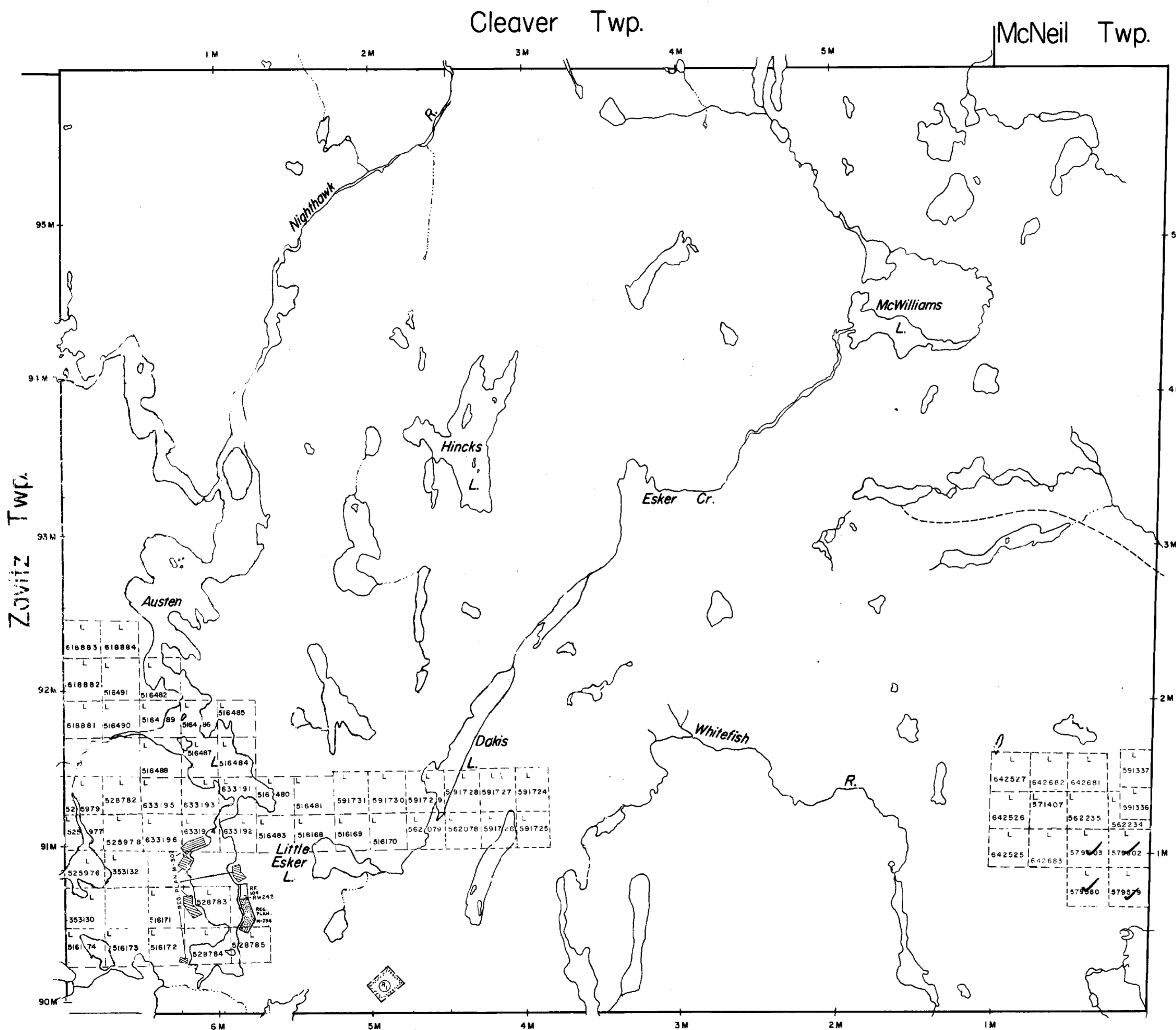
DATE OF ISSUE

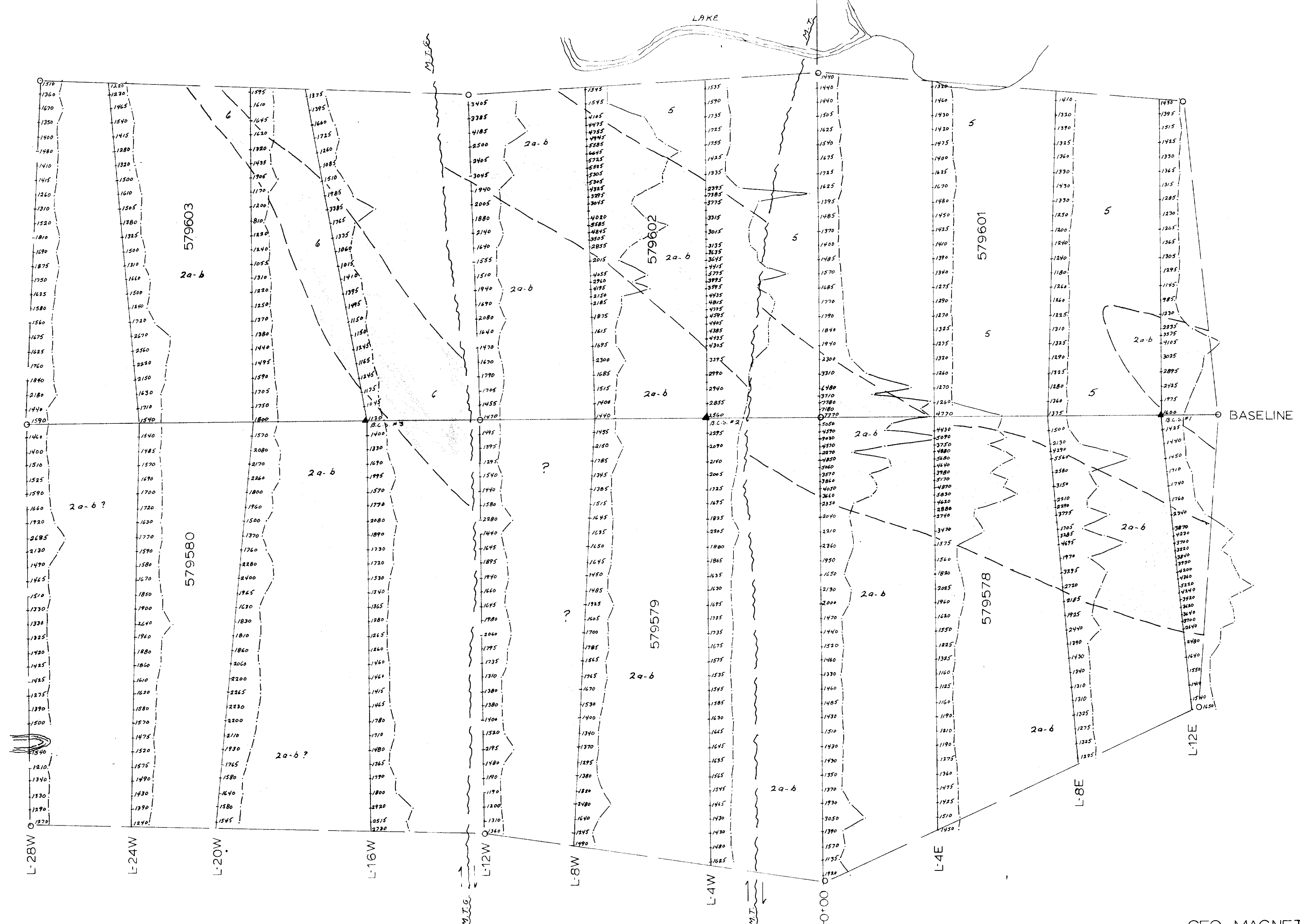
OCT 25 1982

Ministry of Natural Resources  
TORONTO

PLAN NO - M.223

ONTARIO  
MINISTRY OF NATURAL RESOURCES  
SURVEYS AND MAPPING BRANCH





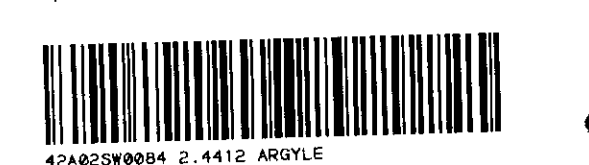
GEO-MAGNETIC PROFILE PLAN  
 INSTRUMENT - MF1 FLUXGATE MAGNETOMETER  
 SERIAL NO. 409107  
 PROFILE - 1" = 4000g  
 OPERATOR - K. GRAY

JOHNS MANVILLE CANADA INC.

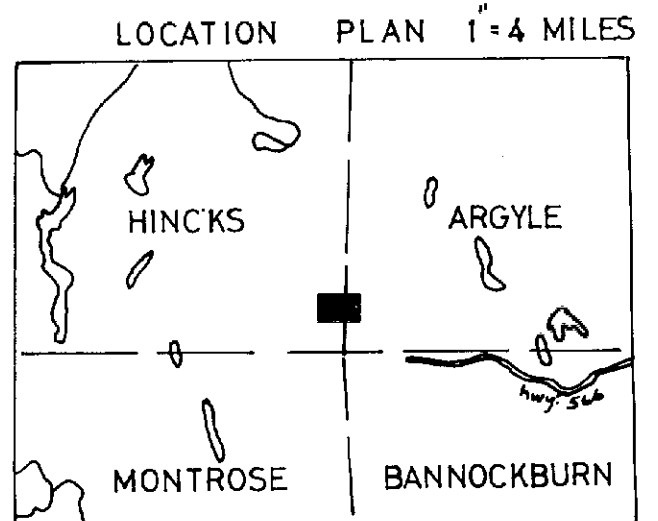
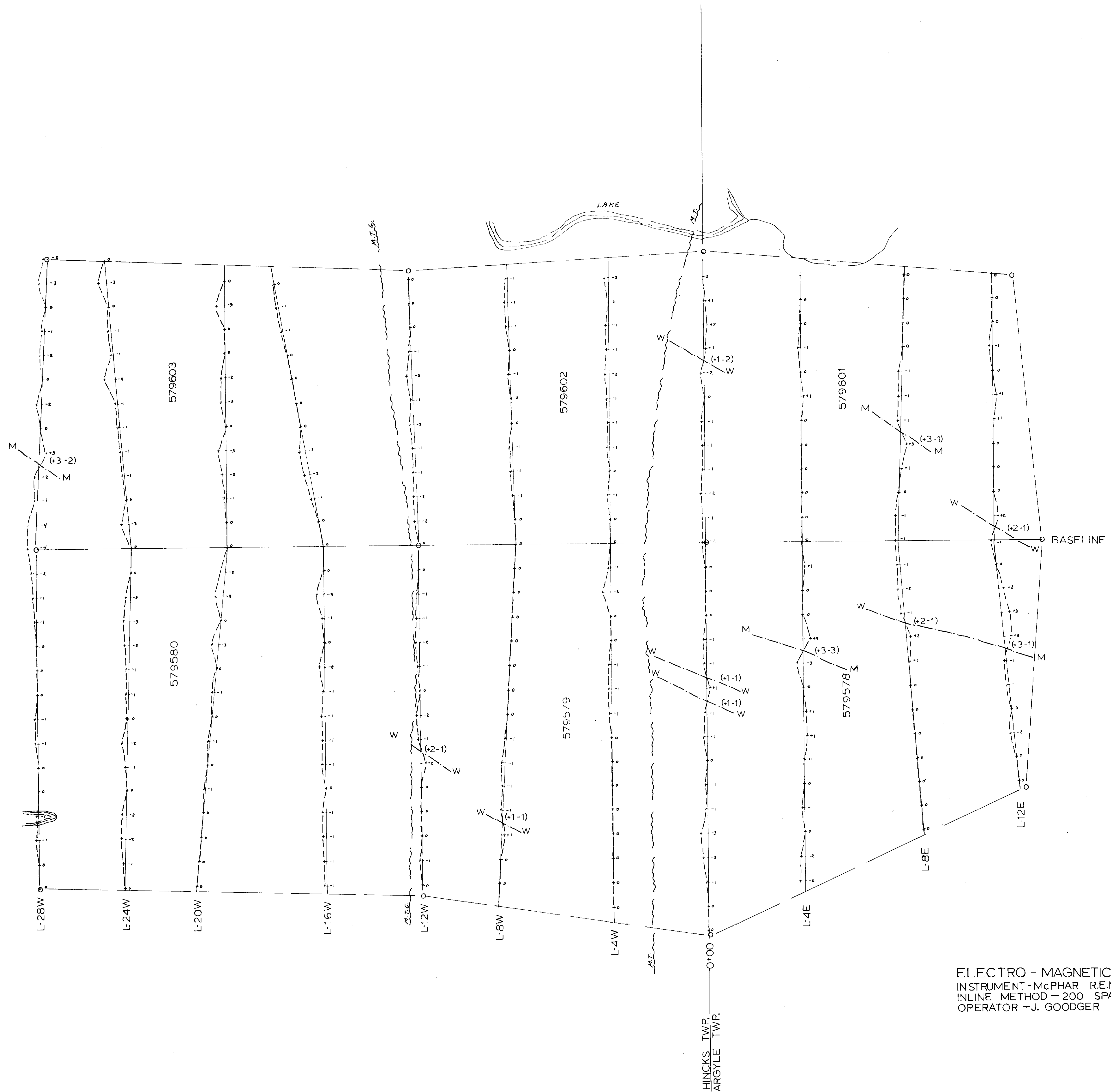
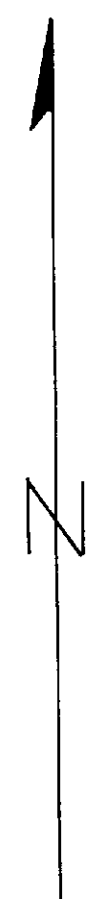
ONT. 1" = 200'

McGILL GR. - ARGYLE & HINCKS TWPS.

NOV 10 1981







ELECTRO - MAGNETIC PROFILE PLAN  
 INSTRUMENT - McPHAR R.E.M. UNIT - SERIAL NO. 30-6507  
 INLINE METHOD - 200 SPACING - PROFILE 20"=1'  
 OPERATOR - J. GOODGER

Rev. *[Signature]*  
 AUG 23 1982  
 JOHNS MANVILLE CANADA INC.

HINCKS TWP.  
 ARGYLE TWP.