

42A14SW0103 2.4615 REID

010

MAR 1 1 1982

MINING LANDS SECTION

REID PROJECT
MAGNETOMETER SURVEY
REID TOWNSHIP
ONTARIO
1982

Stanley D. Robinson
Minerals
February, 1982
NTS 42A/13, 14



TABLE OF



42A14SW0103 2.4815 REID

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ENCLOSED IN POCKET

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1.0 INTRODUCTION

A magnetometer survey was carried out on 55 claims in Reid Township, Timmins, Ontario (Figures 1 and 2; Table I). Northwest Geophysics Ltd., of Thunder Bay, Ontario, carried out the survey on 37 claims, as well as portions of 7 claims during March to June, 1980. Geoex Ltd., of Timmins, Ontario, performed the magnetometer survey on 11 claims during September to October, 1980, as well as completing the coverage on the 7 claims that were only partially surveyed by Northwest Geophysics Ltd.,

All the claims are held by Gulf Minerals Canada Limited.



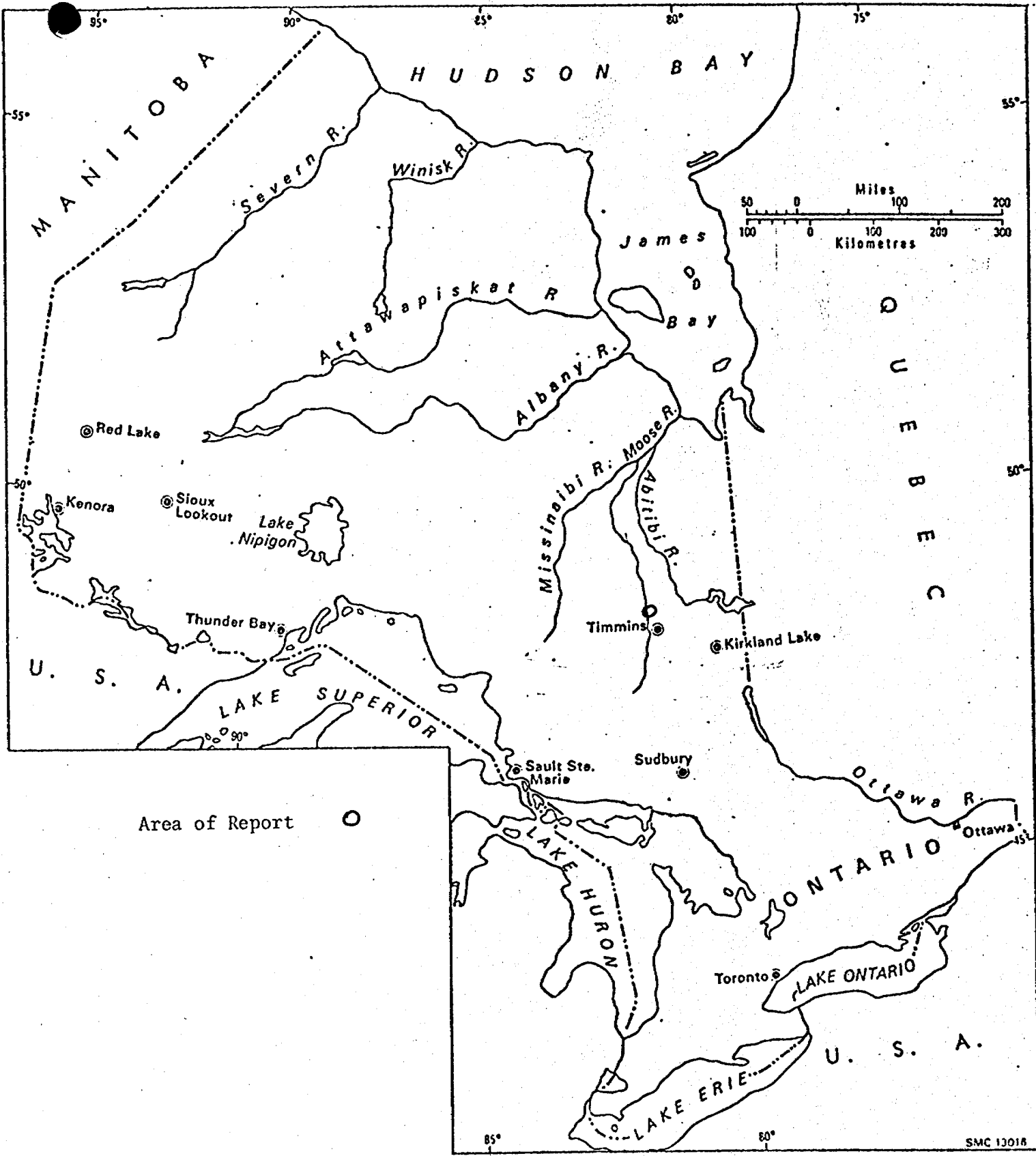


Figure 1 Location Map

SMC 13018

REID

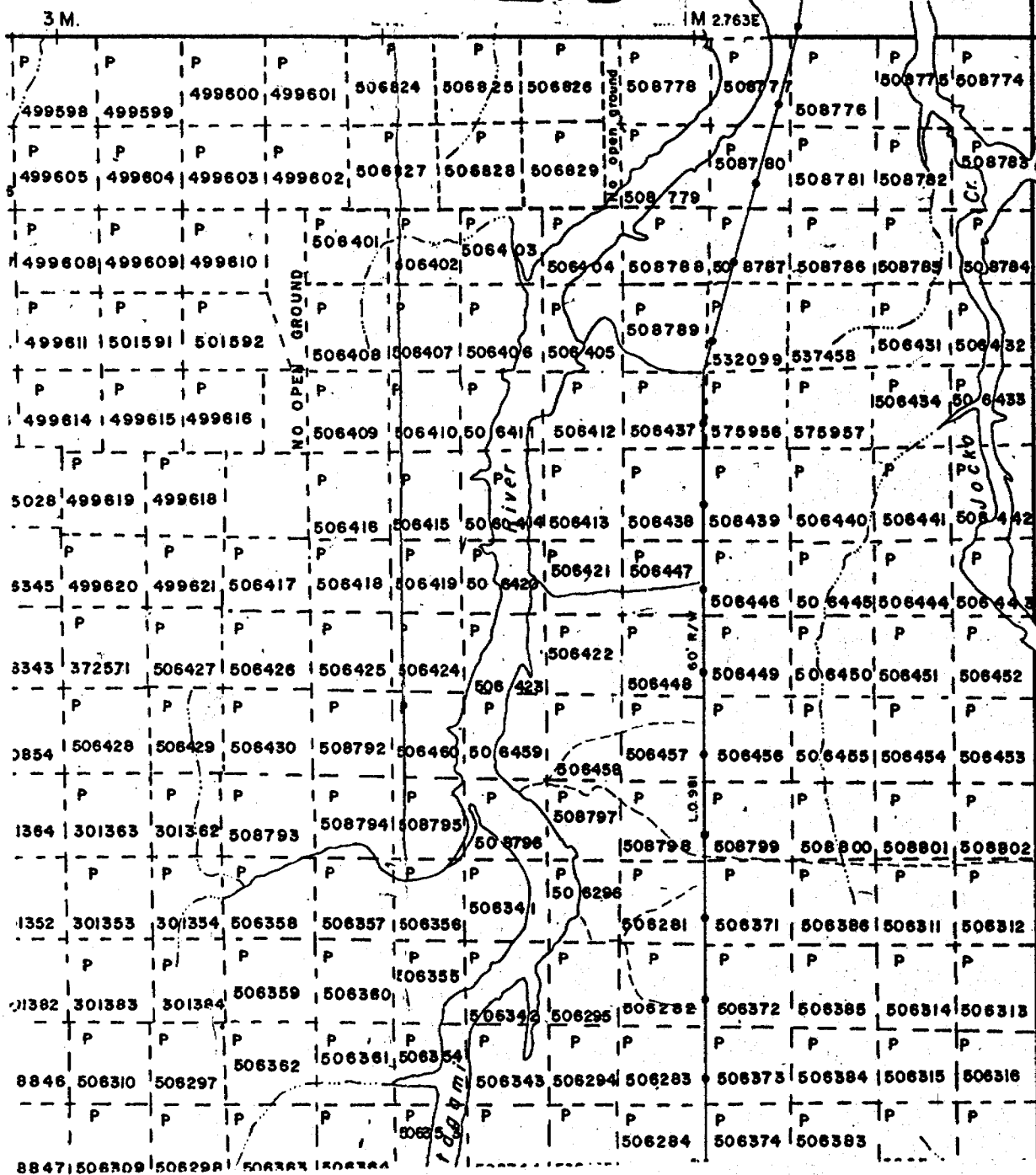


Figure 2 Claim Map

TABLE I

Magnetometer Survey - Claims Completely CoveredSurveyed by Northwest Geophysics Ltd.

P. 506401	P. 506434	P. 508782
P. 506402	P. 506437	P. 508785
P. 506403	P. 506438	P. 508786
P. 506404	P. 506439	P. 508787
P. 506405	P. 506440	P. 508788
P. 506406	P. 506441	P. 508789
P. 506407	P. 506445	
P. 506408	P. 506446	
P. 506409	P. 506447	
P. 506410	P. 508776	
P. 506411	P. 508777	
P. 506412	P. 508778	
P. 506413	P. 508779	
P. 506414	P. 508780	
P. 506431	P. 508781	

Surveyed by Geox Ltd.

P. 506422	P. 506457	P. 508802
P. 506453	P. 506458	
P. 506454	P. 508797	
P. 506455	P. 508800	
P. 506456	P. 508801	

Surveyed by Northwest Geophysics Ltd. and Geox Ltd.
(Common claims on border of each property)

P. 506448
P. 506449
P. 506450

Surveyed by Geox Ltd.(Within area surveyed by Northwest Geophysics Ltd.)

P. 532099
P. 537458
P. 575956
P. 575957



2.0 ACCESS

The property is accessible from Timmins via highway #655 and Abitibi Paper camp's 40 all-weather roads. The road through the grid is only driveable during the winter months, however, it is possible to drive to the southern part of the grid throughout the year.



3.0 GEOLOGY

Unfortunately, due to the scarcity of outcrops, the geology is not well known.

The area covered by the magnetometer survey is considered to be two east-west trending rhyolite bands flanked on both sides by mafic volcanics. Several ultramafic horizons are thought to be present.



4.0 SURVEY METHOD

4.1 Northwest Geophysics Ltd.

The magnetic survey was carried out with a Scintrex MF-2 fluxgate magnetometer. To maintain magnetic control, a central base station was selected (500 gammas); base lines, tie lines, and cross lines were surveyed. All grid readings were relative to the base line, tie line intersections. Drift corrections were then made if necessary.

Approximately 52 miles of line, cut at 400 foot intervals and oriented northeast were surveyed. Readings were taken at 100 foot intervals throughout; however, in anomalous areas, the readings were taken at either 25 or 50 foot intervals.

4.2 Geoex Ltd.

The magnetic survey was carried out with a Geometrics Proton magnetometer. A base station with an arbitrary value of 59,000 gammas was set up for magnetic control. Base lines and cross lines were surveyed and all readings were relative to the base line intersections. Drift corrections were made if necessary.

Approximately 23 miles of line cut at 400 foot intervals and oriented northeast were surveyed. Readings were taken at 100 foot intervals throughout.



5.0 RESULTS

5.1 Area Surveyed by Northwest Geophysics Ltd.

The magnetic relief throughout the area is generally relatively flat, however, several moderate narrow and linear magnetic highs trending either east-west or northwest-southeast are present. Following are the dominant magnetic anomalies: L24E-52+00N intermittently to L16W-52+00N, L4W-25+00N to L24W-15+00N, and L28E-6+00S to L20E-4+00N. A magnetic anomaly trending from L8W-30+00S to L52W-17+00N, varies in width and intensity. The anomaly is narrow and sharp at the northwest end, whereas it is wider and not nearly as well defined at the southeast end. These magnetic anomalies are probably diabase dykes.

5.2 Areas Surveyed by Geoex Ltd.

This survey is the southern extension of the grid that was covered by Northwest Geophysics Ltd.

The magnetic relief is fairly flat with occasional highs. A dominant narrow magnetic anomaly trends east-west from L72E-47+00S to L60E-48+00S, L52E-48+00S to L48E-45+00S, a localized high at L20E-45+00S and from L12E-46+00S to L4E-47+00S. This may represent an ultramafic horizon.

A narrow linear anomaly trends from south of L48E-34+00S to L44E-30+00S. A similar anomaly occurs from L56E-54+00S to L58E-60+00S. These anomalies are probably due to diabase dykes.

Increased magnetic relief is evident at the west end of the grid, and possibly it indicates an ultramafic horizon.



Geoex Ltd., also surveyed lines 4E, 8E, 12E, and 16E, between BL 0+00 and TL 25+00N. This area occurs within the area surveyed by Northwest Geophysics Ltd., however, a minor amount of repetition occurs on the end of the lines.

The magnetic expression is flat with a higher than background northwest to southeast trend occurring from L16E-7+00N to L4E-12+00N. A magnetic depression within this trend occurs on L8E from 10+00N to 14+00N, however, the values are still higher than the general background.

The main linear feature is a continuation of a magnetic anomaly described from the data of Northwest Geophysics Ltd.



6.0 RECOMMENDATIONS

An electromagnetic survey should be carried out over the entire grid to determine whether or not any electromagnetic conductors occur on the property.

*S. D. Robinson
Feb. 4, 1982*



APPENDIX I

TECHNICAL DATA STATEMENTS



APPENDIX I

Technical Data Statements

The technical data statements contain the pertinent information.

Tables II and III list the claims for which assessment credits are being applied. The report encompasses two adjacent magnetometer surveys carried out by two independent contractors. Therefore, several of the claims are listed on Tables II and III, however, the number of days being applied for on these claims appears only on Table III.

This report constitutes a credit of 40 days per claim of assessment work, however, since only 80 days of geophysical work per claim is accepted 25.4 days of assessment credit per claim is being applied for.





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) Magnetometer
Township or Area Reid Township
Claim Holder(s) Gulf Minerals Canada Limited

Survey Company Northwest Geophysics Ltd.
Author of Report Stanley D. Robinson
Address of Author 29 Silverton Ave., Downsview, Ont.
Covering Dates of Survey February-June, 1980
(linecutting to office)
Total Miles of Line Cut 40

MINING CLAIMS TRAVERSED
List numerically

See attached list Table II
(prefix) (number)

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

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

ENTER 20 days for each
additional survey using
same grid.

- Geophysical
- Electromagnetic _____
- Magnetometer 25.4
- Radiometric _____
- Other _____
- Geological _____
- Geochemical _____

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

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

DATE: Feb. 4, 1982 SIGNATURE: Stanley D. Robinson
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS _____

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations N/A Number of Readings N/A
Station interval 100, 50 and 25 feet Line spacing 400 feet
Profile scale 1" = 2,000 gammas
Contour interval N/A

MAGNETIC

Instrument MF-2 Fluxgate Magnetometer (Scintrex Ltd.)
Accuracy - Scale constant 1 gamma
Diurnal correction method For mathematically computed daily moving base stations and fixed main base station.
Base Station check-in interval (hours) Moving base stations 1/2-1 hour. Main base stations twice daily.
Base Station location and value BLO 12+00W 500 gamma

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) _____

Instrument(s) _____
(specify for each type of survey)

Accuracy _____
(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

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

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

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

TABLE II

Distribution of Assessment Credits - Northwest Geophysics Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>	<u>Claim No.</u>	<u>Days Applied For</u>
P. 506401	25.4	P. 506441	25.4
P. 506402	25.4	P. 506445	25.4
P. 506403	25.4	P. 506446	25.4
P. 506404	25.4	P. 506447	25.4
P. 506405	25.4	P. 506450	25.4
P. 506406	25.4	P. 508776	25.4
P. 506407	25.4	P. 508777	25.4
P. 506408	25.4	P. 508778	25.4
P. 506409	25.4	P. 508779	25.4
P. 506410	25.4	P. 508780	25.4
P. 506411	25.4	P. 508781	25.4
P. 506412	25.4	P. 508782	25.4
P. 506413	25.4	P. 508785	25.4
P. 506414	25.4	P. 508786	25.4
P. 506431	25.4	P. 508787	25.4
P. 506434	25.4	P. 508788	25.4
P. 506437	25.4	P. 508789	25.4
P. 506438	25.4		
P. 506439	25.4		
P. 506440	25.4		

For the following, see Table III
for "Days Applied For":

P. 532099
P. 537458
P. 575956
P. 575957
P. 506448

P. 506449
P. 506450

Total Days Applied For: 939.8





Ministry of Natural Resources

File _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

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

Type of Survey(s) Magnetometer

Township or Area Reid Township

Claim Holder(s) Gulf Minerals Canada Limited

Survey Company Geoex Ltd.

Author of Report Stanley D. Robinson

Address of Author 29 Silverton Ave., Downsview, Ont.

Covering Dates of Survey September 1980 - October 1980
(linecutting to office)

Total Miles of Line Cut _____

MINING CLAIMS TRAVERSED
List numerically

See attached list, Table III
(prefix) (number)

SPECIAL PROVISIONS
CREDITS REQUESTED

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

ENTER 20 days for each
additional survey using
same grid.

	DAYS per claim
Geophysical	
-Electromagnetic _____	
-Magnetometer _____	25.4
-Radiometric _____	
-Other _____	
Geological _____	
Geochemical _____	

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

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

DATE: Feb. 4, 1982 SIGNATURE: Stanley D. Robinson
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS _____

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations N/A Number of Readings N/A
Station interval 100 feet Line spacing 400 feet
Profile scale N/A
Contour interval 25 gammas

MAGNETIC

Instrument Geometrics Proton
Accuracy – Scale constant 1 gamma
Diurnal correction method Mathematically computed daily moving base stations and fixed main
Base Station check-in interval (hours) Moving base station 1/2-1 hour. Main base station.
Base Station location and value At camp 1/2 mi. S of grid. 59,000 gammas. station twice daily.

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) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

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

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

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

TABLE III

Distribution of Assessment Credit - Geoex Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>
P. 506422	25.4
P. 506453	25.4
P. 506454	25.4
P. 506455	25.4
P. 506456	25.4
P. 506457	25.4
P. 506458	25.4
P. 508797	25.4
P. 508800	25.4
P. 508801	25.4
P. 508802	25.4
P. 532099	25.4
P. 537458	25.4
P. 575956	25.4
P. 575957	25.4
P. 506448	25.4
P. 506449	25.4
P. 506450	25.4

*change made -
by Mrs Roberson
Apr. 7th / 82*

Total Days Applied For: 457.2

Table II	939.8
Table III	<u>457.2</u>
Total	<u>1397.0</u>



APPENDIX II

ATTESTATION OF QUALIFICATIONS



APPENDIX II

Attestation of Qualifications

- (1) I received a B.Sc. in Geology from Sir George Williams University, Montreal, in 1971.
- (2) I received an M.Sc. in Geology from the University of Ottawa; Ottawa, in 1974.
- (3) I have been actively employed in the mining industry since May, 1974, with McIntrye Mines Ltd., Shell Canada Resources Ltd., and presently with Gulf Minerals Canada Limited.
- (4) I have not, and presently do not, hold any interests in the mining claims in Reid Township, Ontario.
- (5) I reside at 29 Silverton Avenue, Downsview, Ontario.

S. D. Robinson

S. D. Robinson
Project Geologist
February, 1982



TABLE II

Distribution of Assessment Credits - Northwest Geophysics Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>	<u>Claim No.</u>	<u>Days Applied For</u>
P. 506401	25.4	P. 506441	25.4
P. 506402	25.4	P. 506445	25.4
P. 506403	25.4	P. 506446	25.4
P. 506404	25.4	P. 506447	25.4
P. 506405	25.4	P. 506450	25.4
P. 506406	25.4	P. 508776	25.4
P. 506407	25.4	P. 508777	25.4
P. 506408	25.4	P. 508778	25.4
P. 506409	25.4	P. 508779	25.4
P. 506410	25.4	P. 508780	25.4
P. 506411	25.4	P. 508781	25.4
P. 506412	25.4	P. 508782	25.4
P. 506413	25.4	P. 508785	25.4
P. 506414	25.4	P. 508786	25.4
P. 506431	25.4	P. 508787	25.4
P. 506434	25.4	P. 508788	25.4
P. 506437	25.4	P. 508789	25.4
P. 506438	25.4		
P. 506439	25.4		
P. 506440	25.4		

For the following, see Table III
for "Days Applied For":

P. 532099
P. 537458
P. 575956
P. 575957
P. 506448

P. 506449
P. 506450

Total Days Applied For:

~~939.8~~
914.4



TABLE III

Distribution of Assessment Credit - Geoex Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>
P. 506422 ✓	25.4
P. 506453 ✓	25.4
P. 506454 ✓	25.4
P. 506455 ✓	25.4
P. 506456 ✓	25.4
P. 506457 ✓	25.4
P. 506458 ✓	25.4
P. 508797 ✓	25.4
P. 508800 ✓	25.4
P. 508801 ✓	25.4
P. 508802 ✓	25.4
P. 532099 ✓	25.4
P. 537458 ✓	25.4
P. 575956 ✓	25.4
P. 575957 ✓	25.4
P. 506448 ✓	25.4
P. 506449 ✓	25.4
P. 506450 ✓	25.4

Total Days Applied For: 457.2

Table II	914.4
Table III	914.4
	457.2
Total	1397.0
	1371.6



Mining Lands Comments

To: Geophysics *Mr. Barlow*

Comments

Approved Wish to see again with corrections

Date *Oct 30/82* Signature *Ryn Blh*

To: Geology - Expenditures

Comments

Approved Wish to see again with corrections

Date Signature

To: Geochemistry

Comments

ED

Approved Wish to see again with corrections

Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1360)

March 12, 1982

2.4615

Mining Recorder's Office
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir

We have received reports and maps for a Geophysical (Magnetometer) survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims P 506401 et al in the Township of Raid.

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

cc: Gulf Minerals Canada Limited
Toronto, Ontario

cc: S. Robinson
Downsview, Ontario

Gulf Minerals Canada Limited

SUITE 1400, 110 YONGE STREET, TORONTO, ONTARIO M5C 1T4. (416) 362-6825

RECEIVED

March 3, 1982

MAR 11 1982

MINING LANDS SECTION

Mr. Fred W. Matthews,
Ministry of Natural Resources,
Room 6450,
Whitney Block,
Queen's Park,
Toronto, Ontario

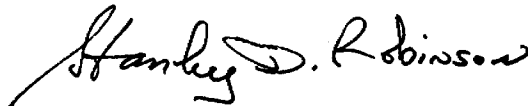
Dear Mr. Matthews:

Enclosed herewith are two copies of a magnetometer survey dated Feb. 1982, performed by Northwest Geophysics Limited (Thunder Bay, Ontario), and Geoex Limited, (Timmings, Ontario), for Gulf Minerals Canada Limited (Toronto, Ontario), on property in Reid Township. A property location map and Technical Data statement are included in each copy of the report.

The above mentioned report is being filed in duplicate by the undersigned for 1,397 days of assessment credits to be distributed as outlined in Tables II and III of Appendix I in the report.

Would you please acknowledge receipt of the report and address all correspondence to the undersigned.

Yours truly,



Stanley D. Robinson
Project Geologist

SDR/dda

Encl.

cc: S. R. Brower



TABLE III

Distribution of Assessment Credit - Geoex Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>
P. 506422 <i>Y4</i>	25.4
P. 506453 <i>X</i>	25.4
P. 506454 <i>X</i>	25.4
P. 506455 <i>X</i>	25.4
P. 506456 <i>X</i>	25.4
P. 506457 <i>X</i>	25.4
P. 506458 <i>X</i>	25.4
P. 508797 <i>X</i>	25.4
P. 508800 <i>X</i>	25.4
P. 508801 <i>X</i>	25.4
P. 508802 <i>X</i>	25.4
P. 532099	25.4
P. 537458	25.4
P. 575956	25.4
P. 575957	25.4
P. 506448	25.4
P. 506449	25.4
P. 506450	25.4

Total Days Applied For: 457.2

Table II
Table III

Total

914.4
~~959.8~~
457.2
~~1397.0~~
1371.6



TABLE II

Distribution of Assessment Credits - Northwest Geophysics Ltd.

<u>Claim No.</u>	<u>Days Applied For</u>	<u>Claim No.</u>	<u>Days Applied For</u>
P. 506401 X	25.4	P. 506441 ^{-1/4}	25.4
P. 506402 X	25.4	P. 506445 X	25.4
P. 506403 X	25.4	P. 506446 X	25.4
P. 506404 X	25.4	P. 506447 X	25.4
P. 506405 X	25.4	P. 506450	25.4
P. 506406 X	25.4	P. 508776 X	25.4
P. 506407 X	25.4	P. 508777 X	25.4
P. 506408 X	25.4	P. 508778 X	25.4
P. 506409 X	25.4	P. 508779 X	25.4
P. 506410 X	25.4	P. 508780 X	25.4
P. 506411 X	25.4	P. 508781 X	25.4
P. 506412 X	25.4	P. 508782 X	25.4
P. 506413 X	25.4	P. 508785 X	25.4
P. 506414 X	25.4	P. 508786 X	25.4
P. 506431 X	25.4	P. 508787 X	25.4
P. 506434 X	25.4	P. 508788 X	25.4
P. 506437 X	25.4	P. 508789 X	25.4
P. 506438 X	25.4		
P. 506439 X	25.4		
P. 506440 X	25.4		

For the following, see Table III
for "Days Applied For":

P. 532099~~X~~
P. 537458~~X~~
P. 575956~~X~~
P. 575957~~X~~
P. 506448~~X~~
P. 506449~~X~~
P. 506450~~X~~

Total Days Applied For: ~~939.8~~ ^{914.4}



MAHAFFY TWP. - M.540

THE TOWNSHIP
OF

REID

DISTRICT OF
COCHRANE

PORCUPINE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

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

NOTES

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

Subdivision of this twp. into lots and concessions annulled Aug. 19, 1953.

Flooding rights for areas along Mattagami River are reserved to Ontario Hydro. L.O.7085

Areas withdrawn from staking under Section 36 of the Mining Act (R.S.O. 1980.)

Order No.	File	Date	Disposition
W. 5/82	188543	3/8/82	S.R.B.M.R.

DATE OF ISSUE

DEC 10 1982

Ministry of Natural Resources
TORONTO

2.4615

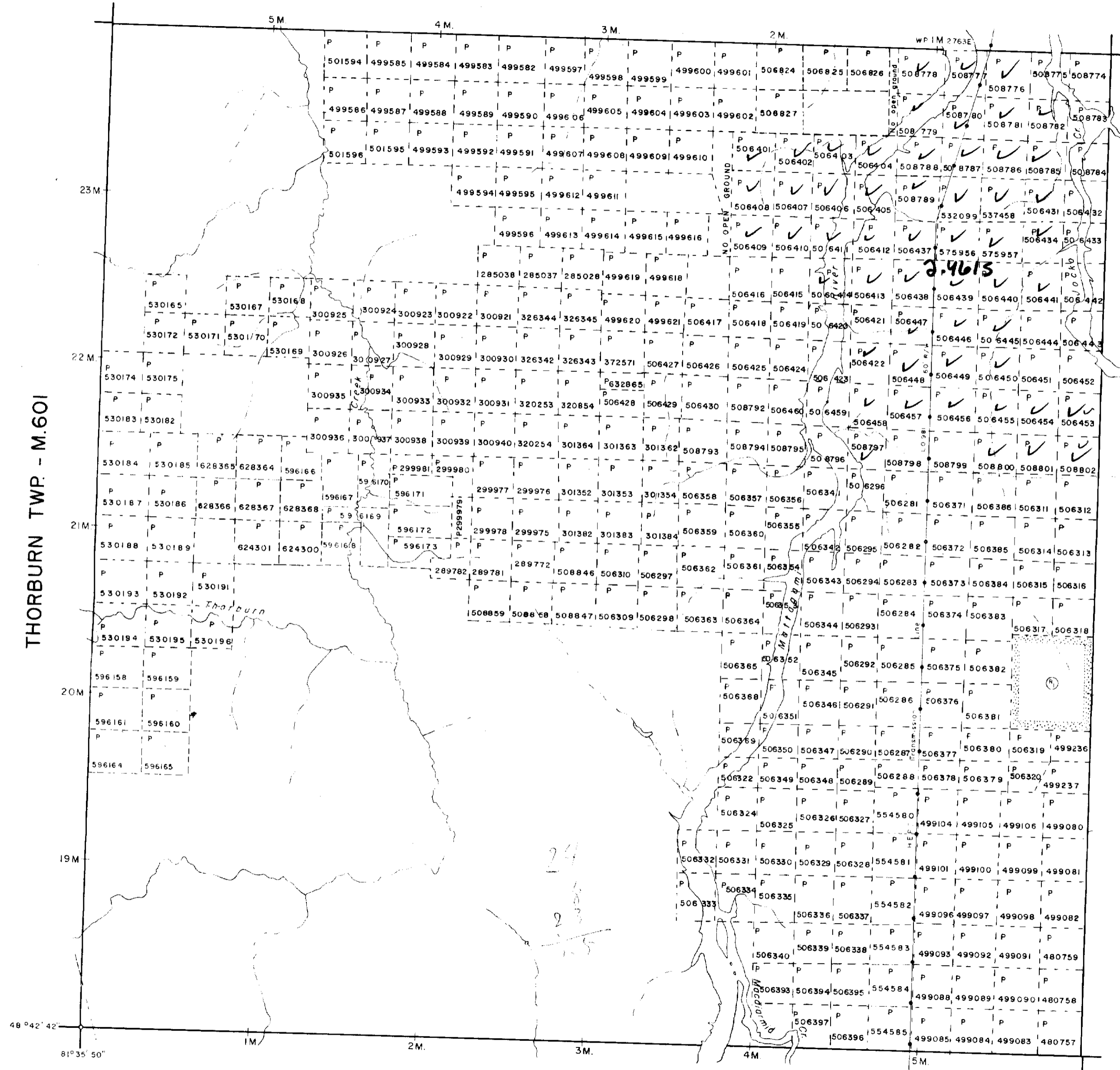
PLAN NO. M.575

ONTARIO

MINISTRY OF NATURAL RESOURCES

THORBURN TWP. - M.601

CARNEGIE TWP. - M.441



48° 42' 42" 81° 35' 50"



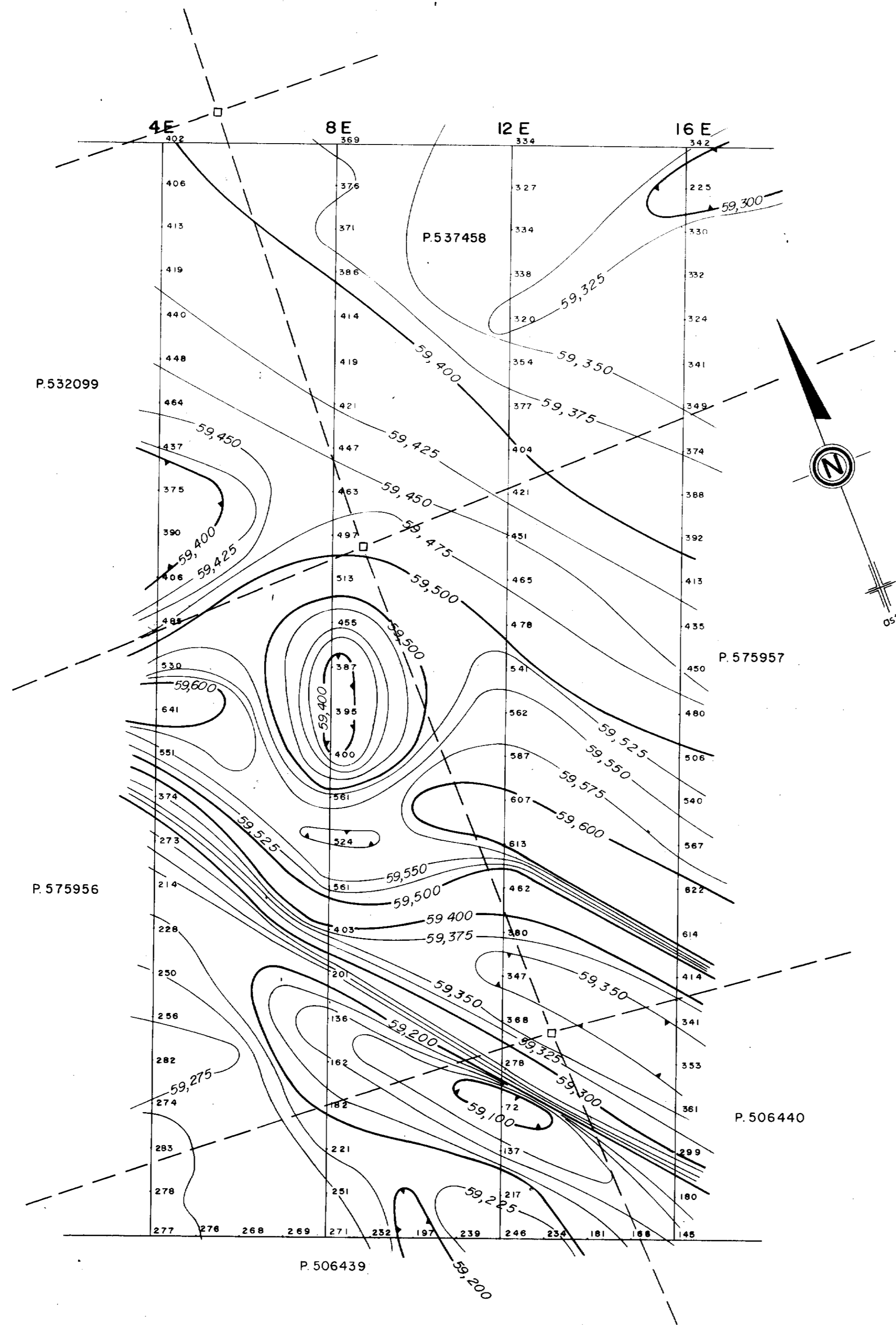
MACDIARMID TWP. - M.294

T.L. 25+00 N

20N

ION

B.L. 0+00



GULF MINERALS
Reid Project

MAGNETOMETER SURVEY
Reid Twp. Ont.

SCALE: 1 inch to 200 feet

BY:

GEODEX LTD.

EXPLORATION SERVICES & MANAGEMENT

P.O. box 70

TIMMINS, ONT.

Phone: (705) 267-3990

LEGEND

Inst: GEOMETRICS PROTON

Mag. Base: 59,000 gammas

— 100 gamma contour interval

— 25 gamma contour interval

Drafted by: W.B. CAUGHELL

Operator:

Date:

Consultant:

DRAWING NUMBER:

24615



42A145W0103 2.4615 REID

GULF MINERALS
Reid Project

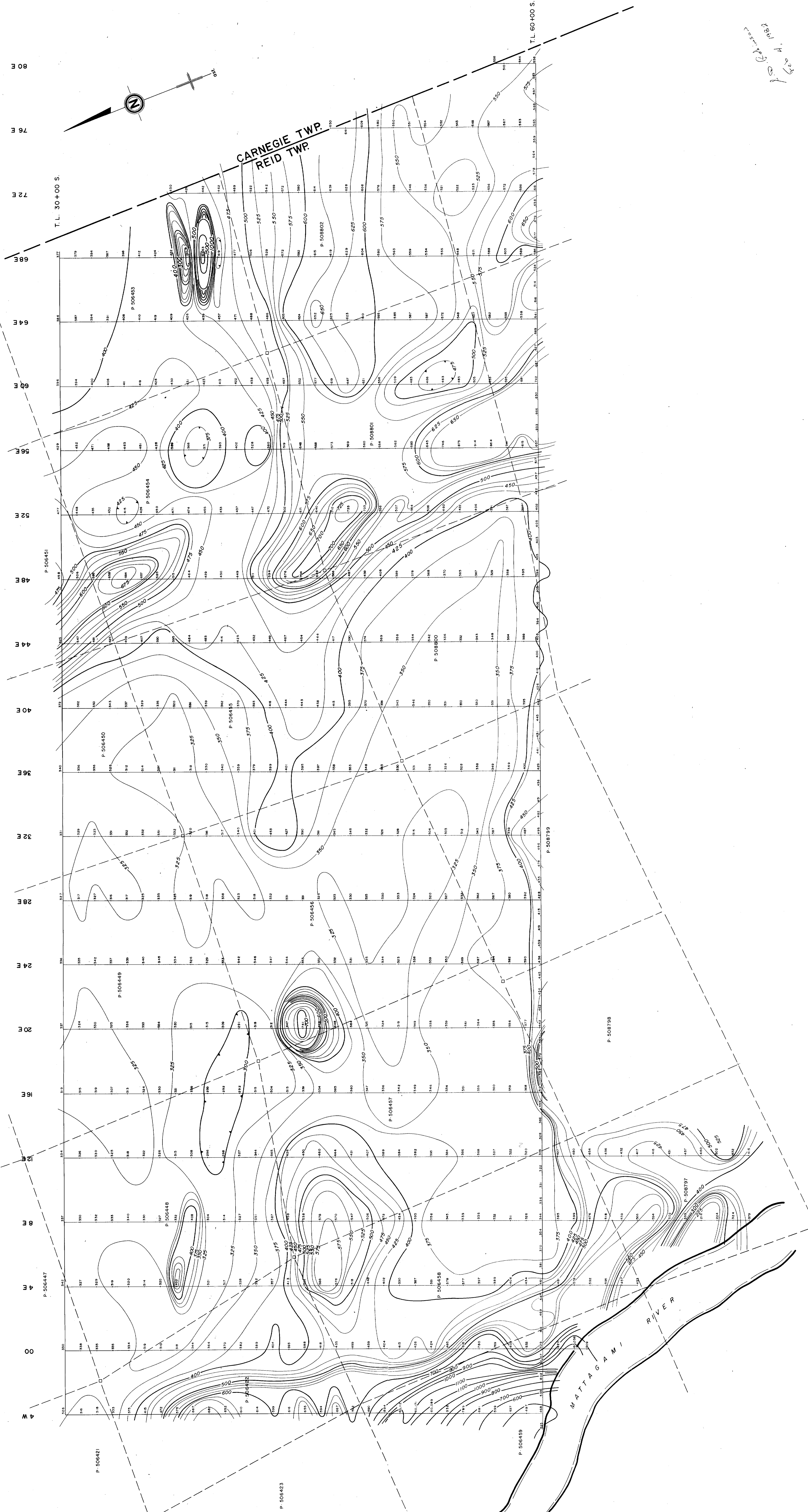
MAGNETOMETER SURVEY
Reid Twp. Ont.
Grid "D" Extension

SCALE: 1 inch to 200 feet

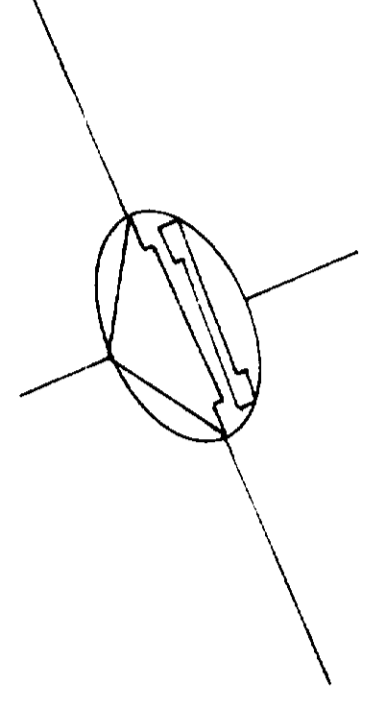
BY: **GEODEN LTD.**
EXPLORATION SERVICES & MANAGEMENT
P.O. box 70
TIMMINS, ONT.
Phone: (705) 267-3990

LEGEND
MAG. BASE: 59,000 GAMMAS
100 gamma contour
25 gamma contour

Drafted by: **WB. CAUCHELL**
Operator:
Date:
Consultant:
DRAWING NUMBER: 34675



Handwritten notes:
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3900



NOTES
INSTRUMENT - SONTREX MF-2 MAGNETOMETER
REDUCTION METHOD - IAGOD
SERIES NO. 1000
PROFILE SCALE - 1" = 2000'
IMPHASE - POSITIVE TO LEFT OF LINE
IMAGINARY - NEGATIVE TO RIGHT OF LINE

GULF MINERALS CANADA LIMITED
TORONTO, ONTARIO

PROJECT REID PROJECT GROUP D
TIMMINS AREA

DATE APRIL, 1980
SCALE 1" = 400'
DRAWN BY JPM
SURVEYORS NORTHWEST GEOPHYSICS LTD.

TL 50-00N

TL 25-00N

0-00

35-00 S

J.P. Robinson
Feb 4, 1982

