



41P11SE0047 2.4027 CHURCHILL

2.40.27
RECEIVED

010

JUL 29 1981

MINING LANDS SECTION

PATINO MINES (QUEBEC) LIMITED

Geophysical Surveys

Gosselin North Property - Shining Tree I

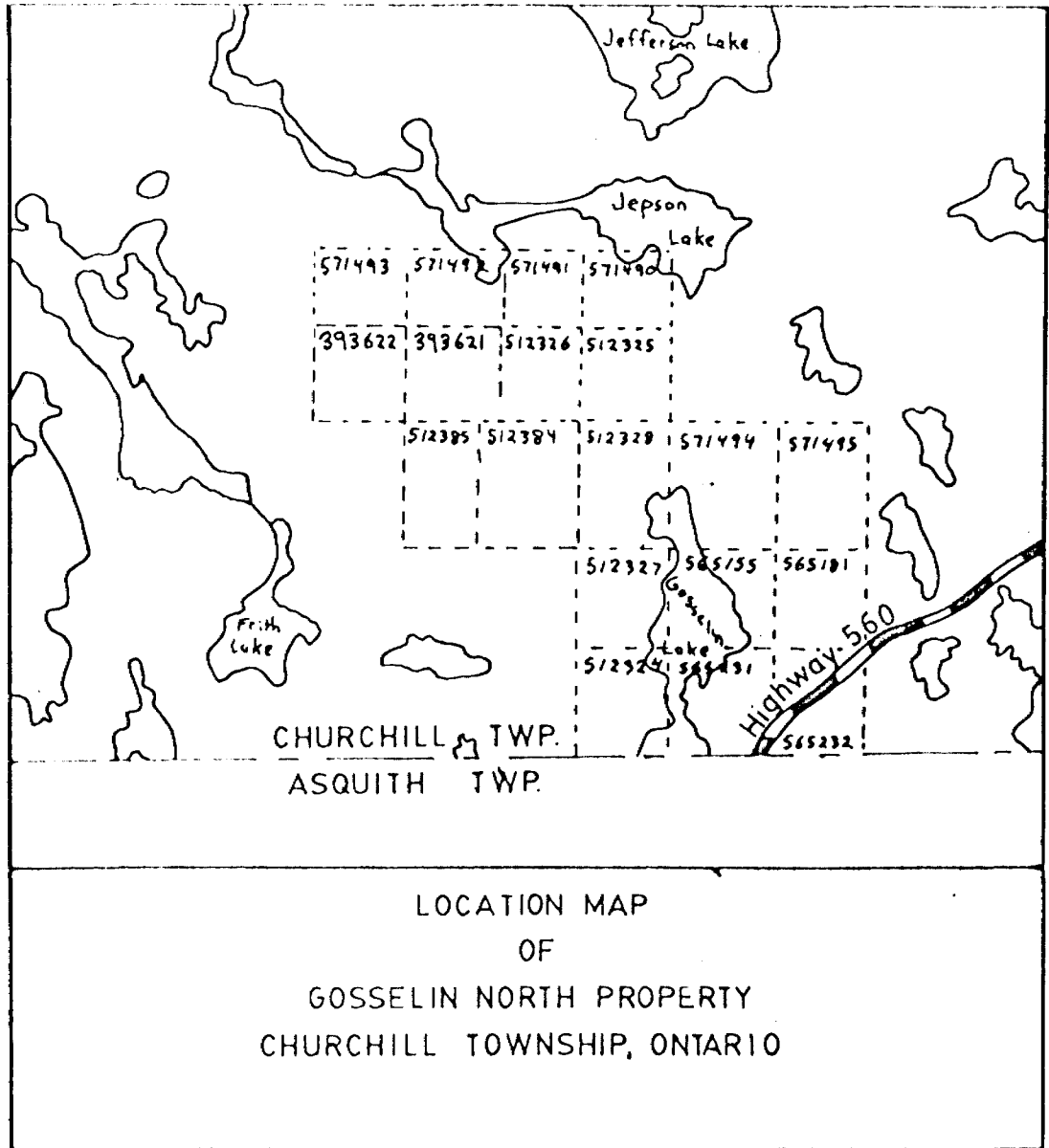
Churchill Township

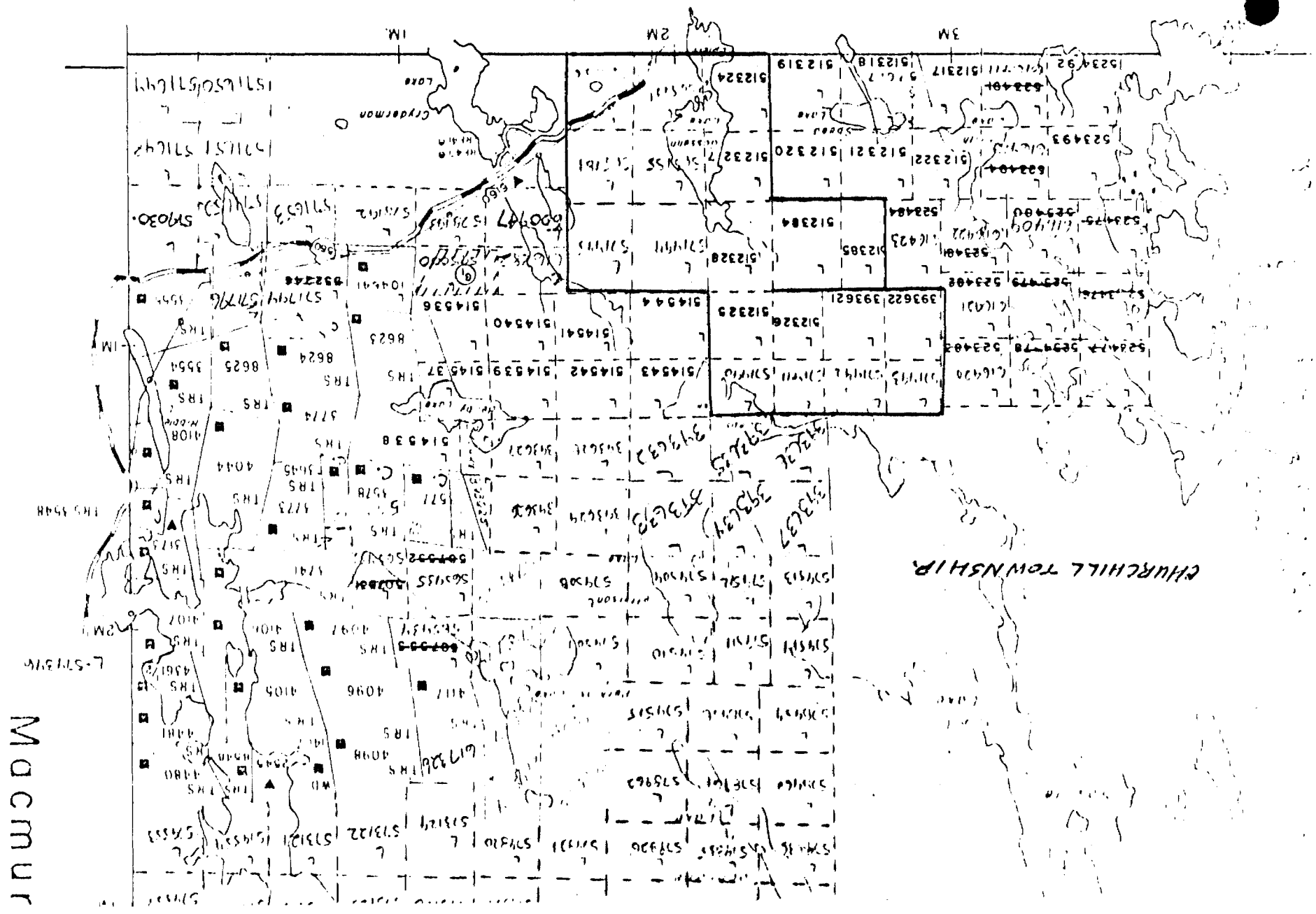
Larder Lake Mining Division

District of Sudbury

Ontario

June, 1981





A. INTRODUCTION

The Gosselin North (Shining Tree I) property in Churchill Township consists of 19 contiguous claims: four claims (L-393621, 393622, 512384 and 512385) are held under option by Patino Mines (Quebec) Limited from Mr. R. Annett of Shining Tree, Ontario; ten claims (L-571490, 571491, 571492, 571493, 571494, 571495, 565155, 565181, 565231 and 565232) are held by Patino Mines (Quebec) Limited; and five claims (L-512324, 512325, 512326, 512327 and 512328) are held under option by Patino Mines (Quebec) Limited from Mr. J. Sauve of Mississauga, Ontario. The latter group of five claims has been previously accredited for electromagnetic, magnetometer and geological surveys. The claims were re-surveyed in order to receive further assessment credit (eight days on each claim) which was not given last year due to insufficient coverage and to provide continuity between the other claims described above in the present survey.

During December 1980, a grid was cut over the property and subsequent electromagnetic and magnetometer surveys were conducted between January 5 and February 14, 1981.

B. LOCATION AND ACCESS

The claim group is located in the south-central part of Churchill Township, approximately 2.25 miles northeast from the village of Shining Tree, Ontario, via highway 560.

Highway 560 cuts across the southeast corner of the property and provides access to the claims east of Gosselin Lake. The claims in the northwest corner of the property are accessible by a bush road which runs from highway 560 to the eastern edge of Speed Lake and further north into the property.

12.93
3.70
16.63

C. SURVEY AND INSTRUMENT DATA

A total of 12.93 line miles of grid were cut over claims L-571490-495 inclusive, 565155, 565181, 565231, 565232, 512384, 512385, 393621 and 393622. A total of 3.70 line miles of grid were cut on claims L-512324-28 inclusive. The entire grid includes three baselines orientated at an azimuth of 150° and crosslines perpendicular to the baseline which are spaced at every 400 feet and picketed at every 100 feet.

1. Magnetometer Survey

The magnetometer survey was conducted with a Scintrex M.P. 2 portable proton magnetometer. This type of magnetometer utilizes the precession of spinning protons or nuclei of the hydrogen atom in a sample of hydrocarbon fluid to measure the total magnetic intensity.

These spinning protons behave as small spinning dipoles which are temporarily aligned or polarized by the application of an uniform magnetic field generated by a current in a coil of wire. When the current is removed, the spin of the proton causes the dipoles to precess about the direction of the ambient or earth's magnetic field. The precessing proton then produces a small signal in the same coil used to polarize it, a signal whose frequency is precisely proportional to the total magnetic field intensity and independent of the orientation of the coil (sensor of the magnetometer).

To operate the instrument, the operator presses a button and reads the number for the total magnetic field strength in gammas (γ) with a sensitivity of ± 10 gammas. Readings along the baseline served as a standard to make the necessary corrections to compensate for the diurnal variation of the local magnetic field. A total of 1,124 stations were read at 50 foot intervals along the crosslines and every 100 feet along the baselines, on claims

L-571490-495 inclusive, 393621-622, 512384-385, 565155, 181, 231, 232. A total of 391 stations were read on claims L-512324-328 inclusive.

2. Electromagnetic Survey

The electromagnetic survey was conducted using a "Geonics" EM-16 unit. The EM-16 is a sensitive receiver covering the frequency of the V.L.F. (very low frequency) transmitting stations, with a means of measuring the vertical field components. The V.L.F. transmitting stations operating for communication with submarines, have a vertical antenna. The antenna current is vertical, creating a concentric horizontal magnetic field around it. When these magnetic fields cross over conductive bodies in the ground, secondary fields are produced radiating from the bodies. The EM-16 measures the vertical component of these secondary fields.

The receiver has two inputs with two receiving coils built into the instrument. One coil has a normally vertical axis and the other, a horizontal one. Secondary fields produced by a conductive body are measured with the EM-16 by the angle of dip on the instrument and by measured percentage of the quadrature component (out of phase component) to yield a null signal. Any deviation from the zero null position indicates that there is a secondary field and possible conductor.

The transmitting station used for the electromagnetic survey in this report was station NSS (21.4 khz), Annapolis, Maryland, U.S.A.

Readings were taken every 50 feet along the crosslines for a total of 1,118 stations, on claims L-571490-495 inclusive, 393621-622, 512384-385, 565155, 181, 231 and 232. A total of 391 stations were read on claims L-512324-328 inclusive.

D. INTERPRETATION OF RESULTS

1. Magnetometer Survey (Drawing #1)

Results from the magnetometer survey indicate a northerly to northwesterly-trending signature in the structure of the rocks, as well as three magnetically high anomalies across the property.

The strongest of the anomalies occurs on claims L-512327 and 571494, and the anomaly may be further subdivided into three individual parallel magnetic highs which have a northwest trend. The anomaly that is observed at the northern end of Gosselin Lake appears to correspond to peridotite and gabbro bodies as indicated by previous geological mapping. It is believed that two other magnetic anomalies to the east of this anomaly may represent an easterly extension of the peridotite or gabbro.

The second magnetic high occurs on claims L-393621, 393622 and 571492. The distinct northerly linear trend suggests that the anomaly may represent a diabase dyke.

The third anomaly occurs on claim L-512326 and previous mapping indicates that this magnetic low may correspond to a fault between two ridges of basalt.

There are several magnetic anomalies observed across the southern half of the property and these are interpreted as small gabbro-peridotite bodies.

2. Electromagnetic Survey (Drawing #2)

Several weak to strong north-northwest-trending conductors were detected by the EM-16 survey.

Conductor A is the strongest of the conductors and occurs over a strike length of approximately 5700 feet. The conductor cuts across the north end of Gosselin Lake, across the small lake

to the north of Gosselin Lake and across swamp areas further to the north. The conductor appears to be due to drainage, however it is coincidental to a significant fault zone as indicated by previous mapping and air photo interpretation. Where the conductor cross-cuts the north end of Gosselin Lake, it is coincidental with a magnetic anomaly previously discussed.

Several short weak conductors (B, C, D, E, F, G and H) occur in the eastern end southern parts of the property. It appears that conductors B, C, D, E and F may represent a common linear conductive feature. The quadrature responses generally show similar inflections with the in-phase responses suggesting a poor conductive feature. Conductors B and C are moderately correlative with magnetic anomalies. Conductor G appears to be due to drainage since it occurs within the lake. Conductor H corresponds to a swamp area which drains into a small lake to the south and the conductor appears to be due to drainage. However, the conductor also corresponds to a linear feature between outcrops and may represent a fault.

E. SUMMARY AND RECOMMENDATIONS

Results from both magnetometer and electromagnetic (using EM-16) surveys show several significant anomalies and conductors over the Gosselin North (Shining Tree I) property.

Conductor A is strongly related to a magnetic anomaly which occurs over an approximately strike length of 3,700 feet through the central part of the property. It is believed that this feature probably corresponds to a northwest striking fault. This warrants a further investigation such as detailed geological mapping in order to determine the reason for the coincidence of the conductor with the magnetic anomaly.

Conductors B and C are weakly related to the periphery of magnetic anomalies and may represent small shear zones at the edge of small intrusive bodies. Geological mapping may confirm this interpretation.

It is therefore recommended that a program consisting of detailed geological mapping over the entire Gosselin North property is necessary in order to understand the geophysical results and outline potential drill targets.

Respectfully submitted,

Alice Born

AGB/so

Alice G. Born

June, 1981



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 Churchill
Claim Holder(s) Patino Mines (Quebec) Limited
Survey Company Patino Mines (Quebec) Limited
Author of Report Alice G. Barr
Address of Author Patino Mines (Que) Ltd, Box 8000, Chibougamau Que
Covering Dates of Survey Dec 1980 to June 1981
Total Miles of Line Cut 12.93

MINING CLAIMS TRAVERSED
List numerically

Table with columns for prefix and number, listing mining claims 893621 through 571495 with checkmarks.

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED table with columns for Geophysical and DAYS per claim.

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

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: July 13 1981 SIGNATURE: Alice Barr
Author of Report or Agent

Res. Geol. Qualifications on file

Table with columns for Previous Surveys: File No., Type, Date, Claim Holder.

TOTAL CLAIMS 14

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1124 Number of Readings 1124
Station interval 50 ft Line spacing 400ft
Profile scale _____
Contour interval 400 x

MAGNETIC

Instrument Scintrex M.P. 2 Portable Proton Magnetometer
Accuracy - Scale constant ± 10 gammas
Diurnal correction method Readings taken along baseline serve as a standard to make
diurnal corrections.
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 _____



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 Chundill

Claim Holder(s) Patino Mines (Quebec) Limited

Survey Company Patino Mines (Quebec) Limited

Author of Report Alice Born

Address of Author 1/2 Patino Mines (Quebec) Limited, Box 2000 Abougamou Que.

Covering Dates of Survey Dec 1980 - June 1981
(linecutting to office)

Total Miles of Line Cut 3.70

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)	
512.324	✓	
512.325	✓	
512.326	✓	
512.327	1/4	
512.328	✓	

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 4
 - Radiometric _____
 - Other _____
- Geological _____
- Geochemical _____

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

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

DATE: July 13, 1981 SIGNATURE: Alice Born
Author of Report or Agent

Res. Geol. _____ Qualifications 2.4026

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 5

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 391 Number of Readings 391
Station interval 50 ft Line spacing 400 ft
Profile scale
Contour interval 400 x

MAGNETIC

Instrument Sintrex HP 2 Portable Proton Magnetometer
Accuracy - Scale constant +/- gammas
Diurnal correction method Reading taken along baseline serve as a standard to make crossline correction
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



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) Electromagnetic

Township or Area Churchill

Claim Holder(s) Patino Mines (Quebec) Limited

Survey Company Patino Mines (Quebec) Limited

Author of Report Alice Born

Address of Author Patino Mines (Que) Ltd, Box 8000, Chibougamau Que

Covering Dates of Survey December 1980 - June 1981
(linecutting to office)

Total Miles of Line Cut 3.70

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)	
L	512324	✓
	512325	✓
	512326	✓
	512327	✓
	512328	✓

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 4
- Magnetometer _____
- Radiometric _____
- Other _____
- Geological _____
- Geochemical _____

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

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

DATE: July 13, 1981 SIGNATURE: Alice Born
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS ~~8~~ 5

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 391 Number of Readings 391
Station interval 50ft Line spacing 400ft
Profile scale 1" to 20%
Contour interval

MAGNETIC

Instrument
Accuracy - Scale constant
Diurnal correction method
Base Station check-in interval (hours)
Base Station location and value

ELECTROMAGNETIC

Instrument Geonics EM-16
Coil configuration
Coil separation
Accuracy +/- 1%
Method: [x] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency NSS (21.4 kHz) Annapolis, Maryland (specify V.L.F. station)
Parameters measured in phase, quadrature.

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1118 Number of Readings 1118
Station interval 50 feet Line spacing 400 feet
Profile scale 1" to 20'
Contour interval _____

MAGNETIC

Instrument _____
Accuracy - Scale constant _____
Diurnal correction method _____
Base Station check-in interval (hours) _____
Base Station location and value _____

ELECTROMAGNETIC

Instrument Geonics EM-16
Coil configuration _____
Coil separation _____
Accuracy +/- 1%
Method: Fixed transmitter Shoot back In line Parallel line
Frequency N55 (21.4 kHz) Annex 101's Hayland
(specify V.L.F. station)
Parameters measured in phase, quadrature

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____
Base station value and location _____
Elevation accuracy _____

INDUCED POLARIZATION
RESISTIVITY

Instrument _____
Method Time Domain Frequency Domain
Parameters - On time _____ Frequency _____
- Off time _____ Range _____
- Delay time _____
- Integration time _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____



Ontario

Ministry of
Natural
Resources

Notification of recording
of assessment work credits

Recording Office
4 Gov't Road East
KIRKLAND LAKE, Ontario
P2N 1A2

*no approval & nothing
in file*

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

Date of recording of work: July 30, 1981

Recorded holder: Patino Mines (Quebec) Limited

Address: Suite 1401, 7 King Street East, Toronto, Ontario M5C 1A2

Township or Area: Churchill township

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	512324 L 512324 to L 512328 inclusive
Electromagnetic <u>VLF</u> <u>4</u> days	
Magnetometer <u>4</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.

Mining recorder

c.c. Patino Mines (Quebec) Limited



RECORDED IN THE NAME OF Thomas D Saville		LICENCE NO. J 6219	RECEIPT NO. A052846	DATE RECORDED December 18, 1978
ADDRESS 607 Gormanville Road North Bay, Ontario			DATE AND TIME OF STAKING November 7, 1978 at 11:00 A.M.	P.T. X
ASSESSMENT WORK CREDITS ASSIGNED TO OTHER CLAIMS	OFFICE USE ONLY	DAYS RECORDED	BALANCE	DESCRIPTION OF CLAIM
	TIMMINS GOLD RESOURCES LTD.	400	3600	CHURCHILL TOWNSHIP Including land under water RESERVATIONS - 400 FOOT SURFACE RIGHTS RESERVATION AROUND ALL LAKES AND RIVERS. SAND AND GRAVEL RESERVED.

DATE	DAYS WORK		(512324)	RECEIPT NO.
Oct. 5, 1979		Transfer 75% interest to Joe Sauve, C 32175	(512314)	A158164
Dec. 18, 1979	35	Geophysical E.M. APPROVED FWM MAY 27/80	(512314)	
Dec. 18, 1979	17	Geophysical MAG. APPROVED FWM MAY 27/80	(512314)	
Jan. 11, 1980	20	Joe Sauve transfers 75% interest to Patino Mines (Quebec) Ltd.	(512314)	A162459
Jan. 11, 1980		Thomas D. Saville transfers 25% interest to Patino Mines (Quebec) Ltd. T 933	(512314)	A162459
Sept. 9, 1980	20	Geological APPROVED FWM FEB. 23/81	(512314)	
July 30, 1981	4	Geophysical MAG.	(512324)	
July 30, 1981	4	Geophysical VLF E.M.	(512324)	
Sept. 8, 1981	22	Diamond Drilling (performed on 512317 et al)	(512317)	
Nov. 3, 1981	10	Patino Mines (Quebec) Ltd. transfers 100% interest to Timmins Gold Resources Ltd., T 1166	(512314)	3089360
Nov. 18/82	98	Diamond Drilling (performed on L*393621 et al)	(393621)	
Apr 22 1983	20	Timmins Gold Resources Ltd transfers 70% interest to 117455 Canada Limited T 1378	(393621)	H242616
		BY CERTIFICATE OF AMALGAMATION EFFECTIVE APRIL 24, 1984, 117455 CANADA LIMITED AMALGAMATED WITH ONITAP RESOURCES INC., T 1532		
Nov. 27/84		Order of the Mining & Lands Commissioner extends time for applying and paying for lease until and including December 6th, 1985	(446557)	A463828

Technical Assessment Work Credits

File
2,4027
Mining Recorder's Report of Work No.

Date
1985 04 17

Recorded Holder: Patino Mines (Quebec) Limited

Township or Area: Churchill Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 4 days Magnetometer _____ 4 days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input 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.	L 512324 to 28 inclusive

Special credits under section 77 (16) 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

1985 04 17

Our File: 2.4027

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims L 512324, et al, in
Churchill Township

The Geophysical (Electromagnetic & 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 sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-4888

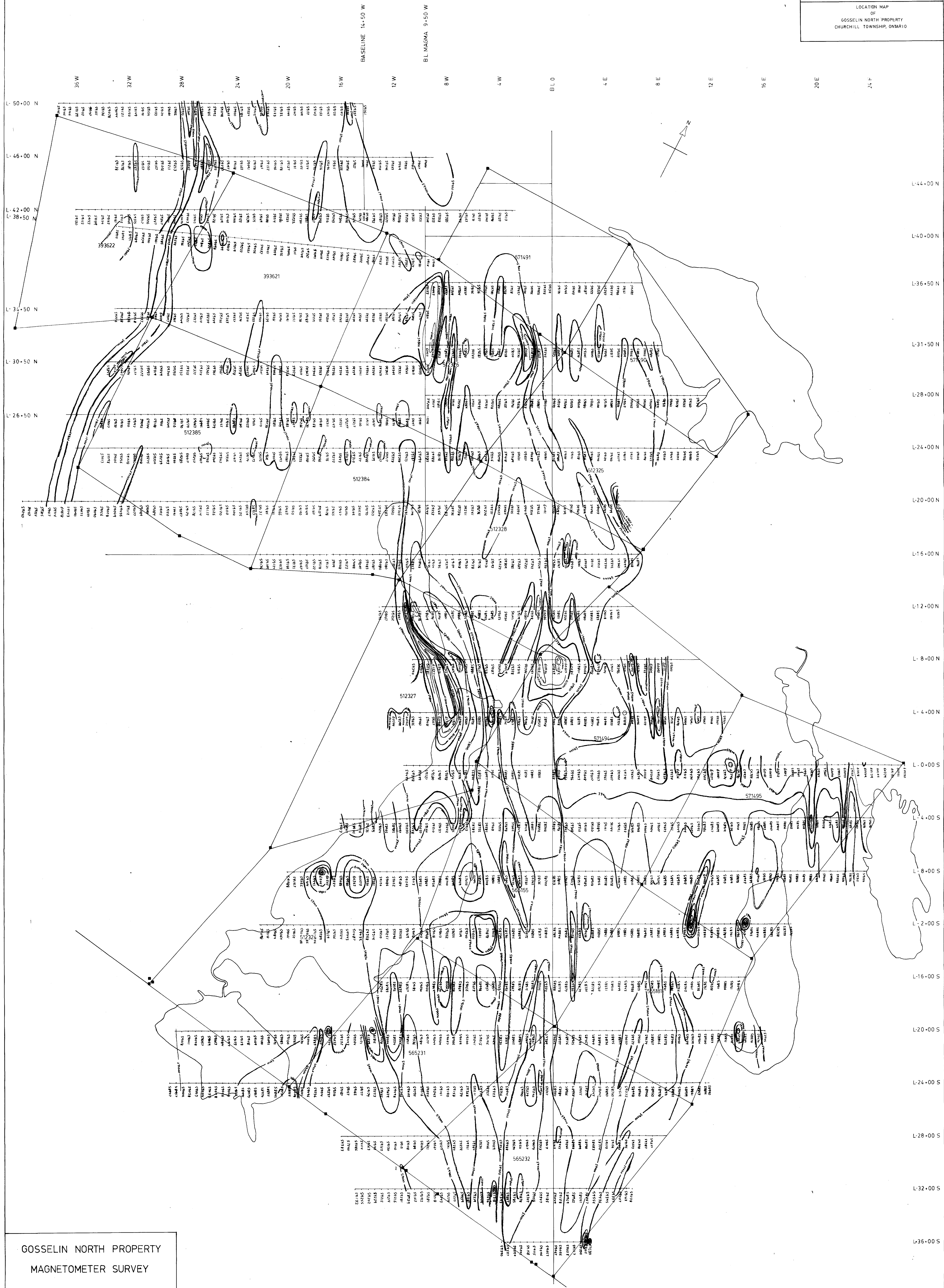
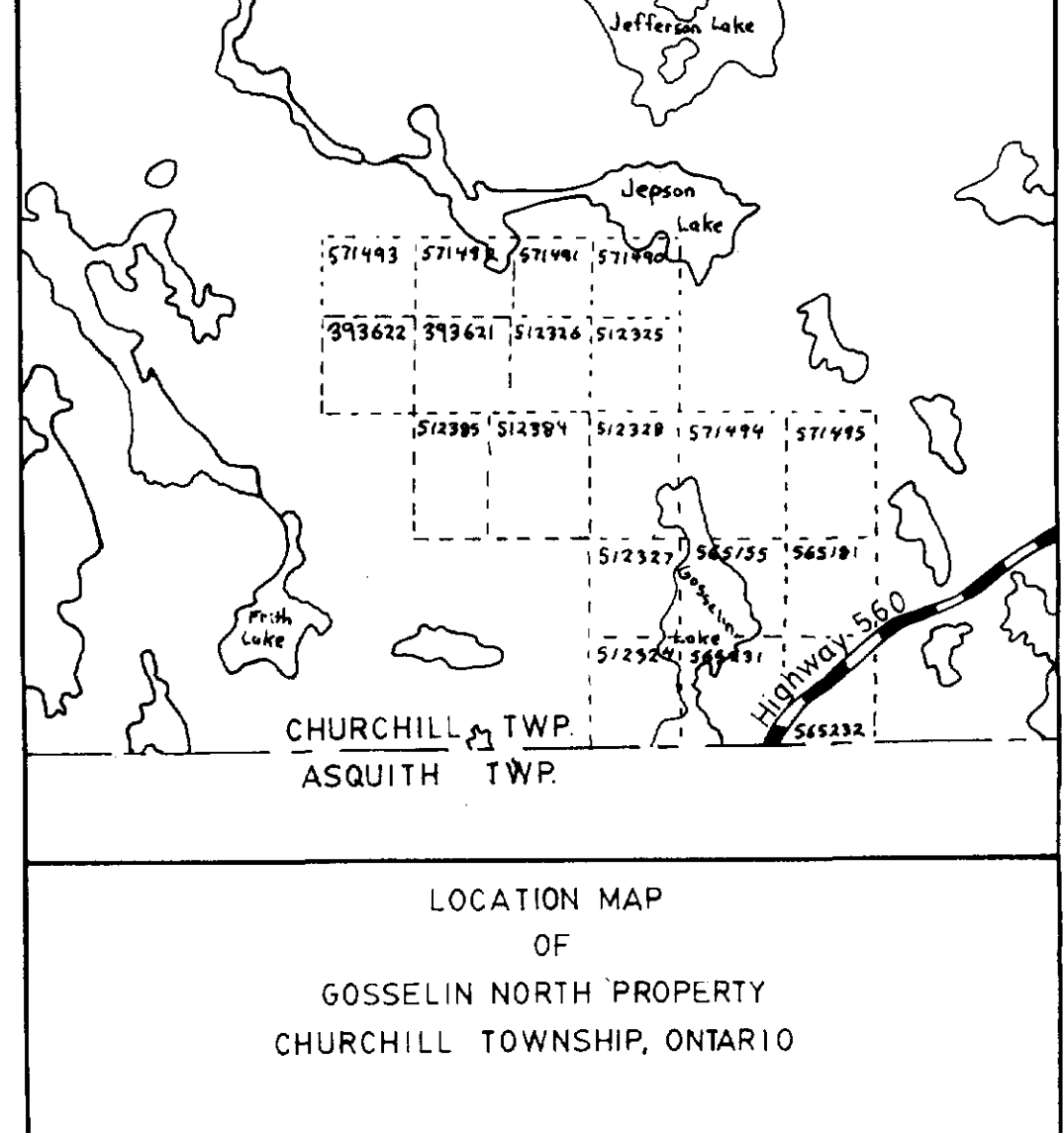
D. Kinviq:mc

cc: Patino Mines (Quebec) Limited
Suite 1401
7 King Street East
Toronto, Ontario
M5C 1A2

cc Patino Mines (Quebec) Limited
Box 8000
Chibougamau, Quebec
G8P 2L1

cc: Resident Geologist
Kirkland Lake, Ontario

Encl.



**GOSELLIN NORTH PROPERTY
MAGNETOMETER SURVEY**

LEGEND:

OPERATOR: P. LAFORGE
INSTRUMENT: SCINTREX MP2
PORTABLE PROTON MAGNETOMETER

READINGS: GAMMAS

CONTOURS: 58200 — 60200
58800 — 60800
59000 — 61000
59400 — 61400
59800 — 61800

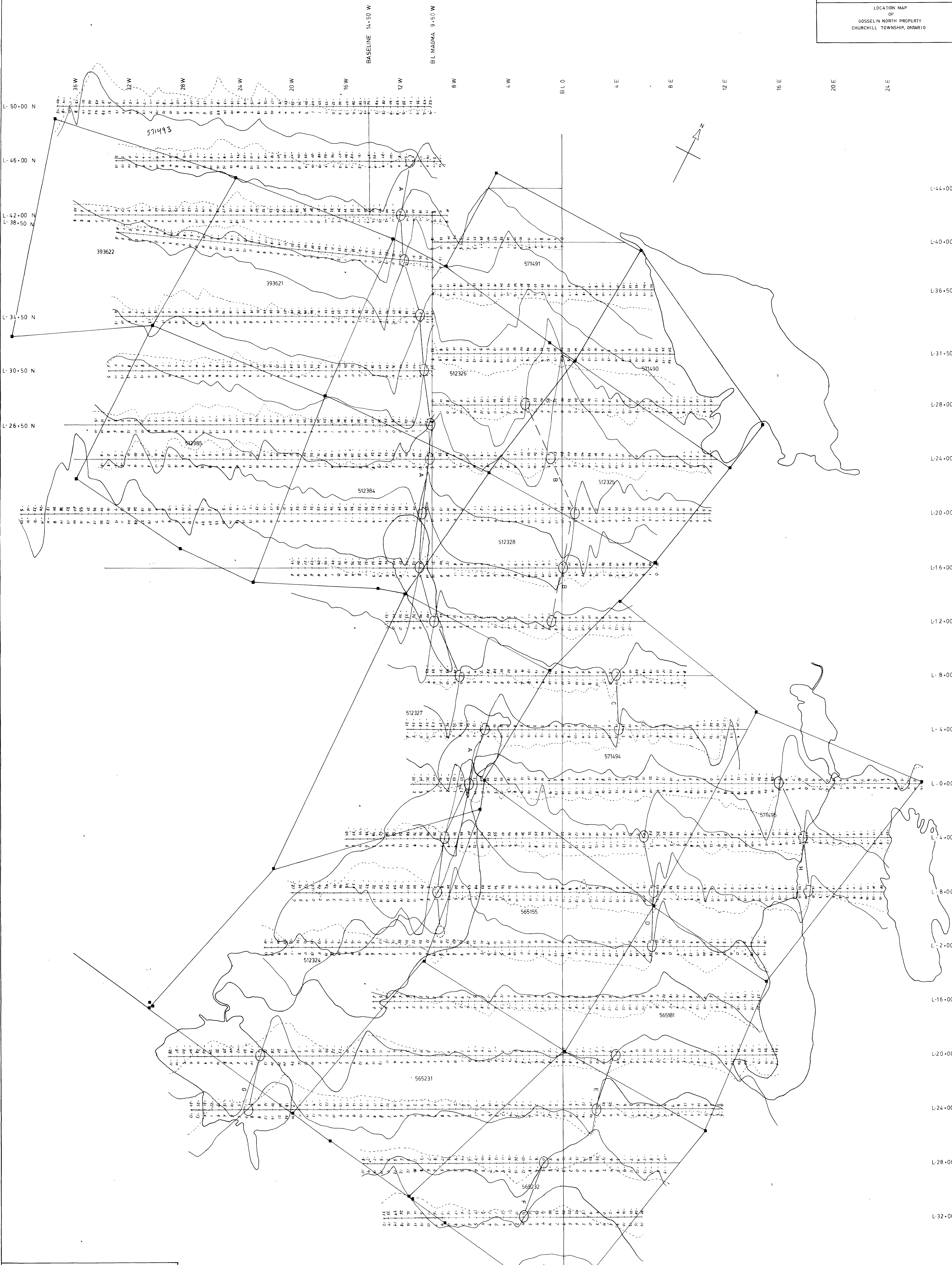
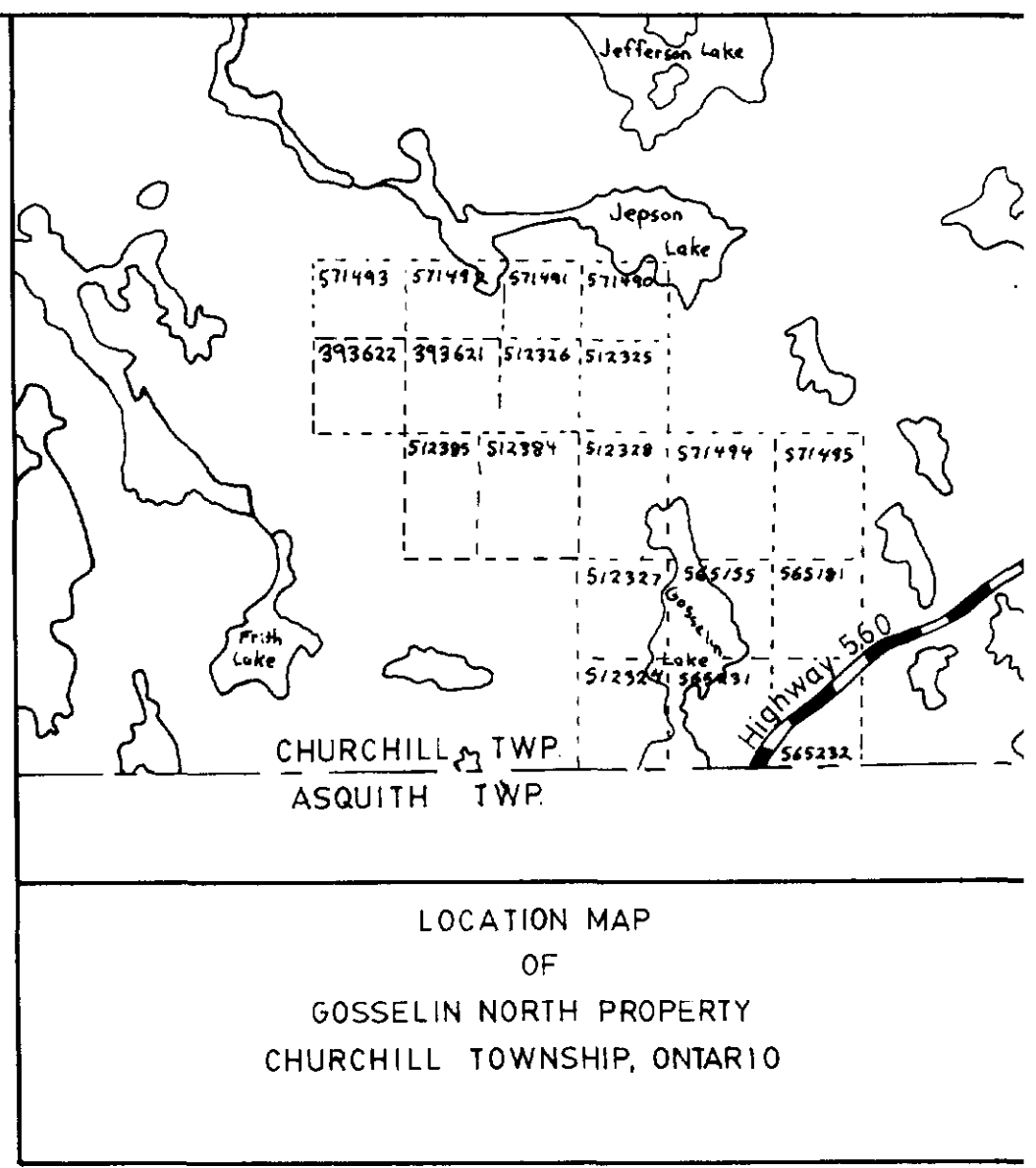
DATE: JAN 1981
SCALE: 1" to 200'

0' 200' 400'

□ CLAIM POST (Known, Interred)

PATINO MINES QUEBEC LIMITED Exploration Department	
MAGNETOMETER SURVEY	
GOSELLIN NORTH PROPERTY	
Prepared by: B. EDGAR	on JUNE 81
Checked by: R. LAFORGE	on JAN 81
Checked by: P. BORN	on JUNE 81
	Drawing No: 1





**GOSSELIN NORTH PROPERTY
ELECTROMAGNETIC SURVEY**

210

LEGEND :

OPERATOR: R.W. D.G.
INSTRUMENT: EM-16 (GEONICS)
READING: IN-PHASE AND QUADRATURE COMPONENTS

DIRECTION READING STATION: N55 (214 Hz)
PROFILES: IN-PHASE QUADRATURE

DATE: FEB. 1981
SCALE: 1" TO 200', 1" TO 20%

0' 200' 400'
0% 20% 40%

IN PHASE QUADRATURE

■ CLAIM POST (Known, Inferred)

PATINO MINES QUEBEC LIMITED
Exploration Department

ELECTROMAGNETIC SURVEY
GOSSELIN NORTH PROPERTY

Designed by: B. EDGAR Date: JUNE 81
Conducted by: R.W. D.G. Date: FEB 81
Checked by: P. BORN Date: JUNE 81

Scale: 1" TO 200 feet
Drawing No: 2