REPORT
on the
MAGNETOMETER SURVEY

Rowan Lake Property
District of Kenora, Ontario

for

CHARGER RESOURCES LTD.

by

Roberta Bald

Robert S. Middleton Exploration Services Inc.
P.O. Box 1637 Timmins, Ontario P4N 7W8
April 9, 1984

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SUMMARY

The magnetometer survey over the ice on Duck Lake and Sullivan Bay on the Charger Resources Ltd., Rowan Lake property reveals a magnetic anomaly in the center of Sullivan Bay. This magnetic high may be associated with a gabbroic body interpreted to intrude mafic metavolcanic flows under Sullivan Bay. A magnetic high also occurs near the western boundary of the property on Duck Lake. This anomaly may be due to magnetite-bearing mafic metavolcanic flows located in outcrop on the south shore of Duck Lake. Low gradient magnetic patterns on Duck Lake itself may reflect carbonate alteration zones beneath the lake.

INTRODUCTION

The Charger Resources Ltd. Rowan Lake property consists of nineteen claims straddling Sullivan Bay on Rowan Lake, District of Kenora, Ontario (Figure 1). A magnetometer survey was carried out from January 29th to 30th, 1984 over the portion of contiguous claims K612291 and K612292 covering Duck Lake and over the portion of contiguous claims K612287, K612290, K690696, K690697, K690698 and K690786 covering Sullivan Bay (Figure 2). The survey was done for Charger Resources Ltd., Suite 403, 595 Howe St., Vancouver, B.C. by Rayan Explorations Ltd., North Bay, Ontario subcontracted to R.S. Middleton Exploration Services Inc.

The claims are held by Jacques Sawyer and Alain Thibault, and have been acquired by Charger Resources Ltd. under an option agreement.

A grid wih lines trending 160° AZ was established by extending the existing cut lines over the lakes. The lines were picketed every 20 meters. A total of 4.77 km of line were established on the lakes.

LOCATION and ACCESS

The claim group straddles Sullivan Bay in the southwestern part of Rowan Lake, District of Kenora, Ontario. The property is approximately 40 km northeast of the town of Nestor Falls, Ontario, located on Highway 71, approximately 87 km southeast of Kenora, Ontario; and approximately 80 km north-northwest of Fort Frances, Ontario (Figure 1). The property is accessible by float plane, from Nestor Falls. The Rowan Lake Lodge is equipped with a radio telephone and is about 2 km northeast of the property, or 5 km by boat. Duck Lake covers the part of the property lying west of L120E, 100 to 200 meters north of the baseline.

REGIONAL GEOLOGY

The Rowan Lake area was mapped by Kaye (1973) at a scale of 1 inch to 1/4 mile (Figure 3). The oldest units in the Rowan Lake area are mafic to felsic metavolcanic rocks. A thick

sequence of pillowed to massive basalt and andesite flows are overlain by lesser amounts of intermediate to felsic pyroclastics and volcanogenic sediments. Rhyolitic and rhyodacitic flows are associated with silicic tuff and lapilli tuff. Feldspar porphyry and quartz feldspar porphyry, mapped as intrusive rocks, may in part be extrusive or cogenetic with extrusive rocks.

The metavolcanic rocks are intruded by concordant to subconcordant ultramafic sills. The Nolan Lake Stock intrudes the sequence in the southern part of the area. It consists mainly of coarse-grained, porphyritic quartz monzonite.

The rocks in the Rowan Lake area are metamorphosed to middle to upper greenschist facies. The metamorphic grade is higher near granitic intrusive contacts.

The rocks have been folded into three major parallel fold structures, generally trending 070° AZ. A large anticline closes near Shingwak Lake in the northern portion of the property. An anticlinal structure near Nolan Lake in the southern portion of the area is occupied by the Nolan Lake quartz monzonite stock. In between these two structures is a compressed synclinal keel, located through Sullivan Bay. A major fault zone trends roughly southeast through Cameron Lake.

PREVIOUS WORK

The Rowan Lake area was mapped by Burwash (1933) and Thomson (1935, 1938) for the Ontario Department of Mines at a scale of 1 inch to 1 mile. Mapping by Johnston (1960) at a scale of 1 inch to 1/2 mile, and Davies (1967) at a scale of 1 inch to 1/4 mile for the Ontario Department of Mines included parts of the Rowan Lake area. The area was most recently mapped by Kaye (1973) for the Ontario Division of Mines at a scale of 1 inch to 1/4 mile.

The area has been explored for gold since the turn of the century and for base metals, copper and nickel since 1950. Although a number of small gold deposits were mined in the early 1900's, no deposits of economic significance were outlined until recently by a drilling program undertaken by Nuinsco Resources on the previously drilled Noranda-Zahavy property and on the Monte Cristo property. The Nuinsco-Zahavy property is now under option to Lockwood Petroleum and lies about 5 km to the west of the Charger Resources property. The drilling program has yielded several zones of gold mineralization, some showing impressive widths and grades. Drilling during the winter of 1984 on the Monte Cristo property, situated approximately 6 km east of the Charger Resources Ltd. property, intersected 26.6 feet of mineralization returning a weighted average of 0.371 oz. gold per ton (Northern Miner, vol. 70, No. 3, March 29, 1984). The Nuinsco discoveries have spurred renewed interest in the area and

many claims have been staked since late 1982.

A search of the Toronto assessment files revealed a small amount of assessment work has been done on the property. An airborne geophysical survey using a fluxgate magnetometer was done over a large portion of the Rowan Lake area, including the Charger Resources property (File 2.5781 Toronto Assessment Files). The survey shows relatively flat magnetic gradient over the Charger claims.

PROPERTY GEOLOGY

The northern portion of the property is underlain by a sequence of easterly trending (070° to 085° AZ), vertical to steeply north dipping, pillowed to massive mafic metavolcanic flows. Pillow shapes indicate south facing tops, thus the flows are overturned. Overlying the mafic flows are intermediate to felsic pyroclastic rocks, occurring from near the baseline, southward to the lake shore. Based on O.G.S. Preliminary Map p.831, Sullivan Bay appears to be underlain by mafic metavolcanic flows intruded by gabbro. The southern portion of the grid is underlain by mafic pillowed to massive metavolcanic rocks. Although no pillow shapes suitable for top determination were found, Kaye (1973) postulated that a "compressed, or otherwise deformed, synclinal keel is localized through Sullivan Bay", indicating the volcanic flows south of Sullivan Bay may face

north. A gabbroic sill intrudes the metavolcanic flows in the northern portion of the property. Gabbroic bodies also intrude the felsic fragmental rocks close to the north shore of Sullivan Bay, and the metavolcanic rocks south of Sullivan Bay. An inhomogeneous granitoid intrusion, consisting of granitic, granodioritic and aplitic phases, intrudes the metavolcanic sequence in the extreme south portion of the property. Table 1 lists the lithological units in chronological order, from youngest to oldest.

TABLE OF FORMATIONS

Table 1

Granodioritic - Granitic Intrusive Complex

Intrusive Contact

Gabbro

Intrusive Contact

Felsic Pyroclastic Rocks
- Finely laminated felsic tuff
- Rhyolitic tuff
- Rhyolitic agglomerate

Conformable Contact

Mafic to Intermediate Lapilli Tuff

Conformable Contact

Mafic Metavolcanic Flows
- Plagioclase phyric
- Amygdaloidal
- Massive
- Pillowed
- Amygdaloidal pillowed

MAGNETOMETER SURVEY

From January 29th to 30th, 1984, a magnetometer survey was carried out by Raymond J. Meikle, Rayan Explorations Ltd., over a total of 4.77 km of line on the claims on the Rowan Lake property covered by water (Figure 4, back pocket). 460 m to line were read on the part of claims K612291 and K612292 covering Duck Lake. 4.31 km of line were read on the claims covering Sullivan Bay (K690696, K690697, K690698, K690786, K612287 and K612290). A total of 293 readings were taken, of which 46 were taken on Duck Lake and 247 readings on Sullivan Bay. The readings were taken at 20 meter stations and were detailed at 10 meter stations over anomalies. A Geometrics G816 proton precession magnetometer was used during this survey. Diurnal drift was corrected by looping to base stations established during a previous survey.

Over Sullivan Bay, the magnetometer survey reveals magnetic relief of 2,814 gammas. A circular shaped magnetic high occurs on L240E and L360E, with a high reading of 62,394 gammas on L360E, 4+80S. This anomaly may be the result of a magnetite-bearing phase of a gabbro intrusion. A magnetic low of less than 59,600 gammas occurs to the north of the magnetic anomaly which may reflect a dipole effect. The remainder of the readings are all below 59,841 gammas and are relatively low gradient.

Over Duck Lake, the magnetometer survey reveals magnetic

relief of 480 gammas. A magnetic high of 60,203 gammas occurs on L240W, 1+00N, at the western edge of the claim group. This may be due to a magnetite-rich portion of the mafic metavolcanic unit interpreted to underlie most of Duck Lake. The rest of the readings show a relatively flat magnetic gradient which may reflect carbonate alteration in part.

CONCLUSIONS

1. A magnetic high located across two lines in the center of Sullivan Bay may be caused by a gabbroic body interpreted to intrude mafic metavolcanic flows under Rowan Lake.

2. A magnetic high over Duck Lake near the western boundary of the property may be due to magnetite-bearing mafic metavolcanic flows underlying Duck Lake.

REFERENCES

Beard, R.C., and Garratt, G.L.
1975 Rowan Lake Area, District of Kenora; Ontario Division of Mines, Preliminary Map P. 1024, Kenora Data Series, scale 1 inch to 1/4 mile or 1:15,840. Data compiled 1974.

Burwash, E.M.
1933 Geology of the Kakagi Lake Area; Ontario Dept. of Mines, Vol. 42, pt.4, p.41-92(published 1934). Accompanied by Map 42b, Scale 1 inch to 1 mile

Davies, J.C.
1967 Atikwa Lake Area (East Half) District of Kenora; Ontario Dept. of Mines, Prelim. Map P. 388, Geol. Ser., scale 1 inch to 1/4 mile. Geology 1966.

Johnston, W.G.Q.
1960 Atikwa - Caviar Lakes Area, District of Kenora; Ontario Dept. of Mines, Prelim. Map P.84, Geol. Ser. Scale 1 inch to 1/2 mile. Geology p. 956-1957

Kaye, L.
1973 Rowan Lake Area, District of Kenora; Ontario Division of Mines, Preliminary Map P. 831, Geological Series, Scale 1 inch to 1/4 mile. Geology 1972.

Thomson, Jas. E.
1935 Geology of the Rowan - Straw Lakes Area; Ontario Dept. of Mines, Vol. 44, pt. 4, p. 1-28 (published 1936). Accompanied by Map 44e, scale 1 inch to 1 mile.

DECLARATION OF QUALIFICATIONS

I, Roberta Bald, submit this document to certify that the following statements are to the best of my knowledge, true and correct:

1. That I am familiar with the Charger Resources Ltd. Rowan Lake property, having previously mapped the property.

2. That I am the author of the attached report.

3. That I have received the following university degrees in geology: Honours B.Sc., Laurentian University, 1975, M.Sc., University of Manitoba, 1981.

4. That I have been working as a geologist since graduation.

5. That I am a member of the Geological Association of Canada.

Respectfully Submitted,

Roberta Bald

Roberta Bald

geoMetrics

Instrument Division

PORTABLE PROTON MAGNETOMETER
MODEL G-816

- ★ 1 gamma sensitivity and repeatability
- ★ Very small size and weight: less than 12 lbs complete with batteries and sensor
- ★ Over 10,000 readings per set of alkaline "D" cell (flashlight) batteries
- ★ Provision to attach sensor to carrying harness for use without staff
- ★ Pushbutton operation—numeric display directly in gammas
- ★ Total field measurements—independent of orientation—no calibration—no leveling

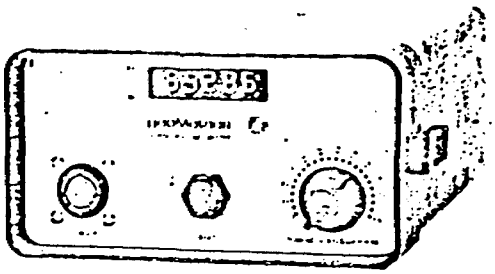
The Model G-816 is a complete portable magnetometer for all man-carry field applications. As an accurate yet simple to operate instrument, it features an outstanding combination of one gamma sensitivity and repeatability, compact size and weight, operation on standard universally available flashlight batteries, ruggedized packaging and very low price.

The G-816 magnetometer allows precise mapping of very small or large amplitude anomalies for ground geophysical surveys, or for detail follow-up to aeromagnetic reconnaissance surveys. It is a rugged, lightweight, and versatile instrument, equally well suited for field studies in geophysics, research programs or other magnetic mapping application where low cost, dependable operation and accurate measurements are required.

For marine, airborne or ground recording systems consider **GeoMetrics Models G-801, G-803, and G-826A.**

"Hands-free" Back Pack Sensor

Based upon the principle of nuclear precession (proton) the G-816 offers absolute drift-free measurements of the total field directly in gammas. (The proton precession method is the officially recognized standard for measurement of the earth's magnetic field.) Operation is worldwide with one gamma sensitivity and repeatability maintained throughout the range. There is no temperature drift, no set-up or leveling required, and no adjustment for orientation, field polarity, or arbitrary reference levels. Operation is very simple with no prior training required. Only 6 seconds are required to obtain a measurement which is always correct to one gamma, regardless of operator experience. Only the Proton Magnetometer offers such repeatability—an important consideration even for 10 gamma survey resolution.



Complete Field Portable System

The Model G-816 comes complete, ready for portable field operation and consists of:

1. Electronics console with internally mounted and easily replaced "D" cell battery pack.
2. Proton sensor and signal cable for attachment to carrying harness or staff.
3. Adjustable carrying harness.
4. 8 foot collapsible aluminum staff.
5. Instruction manual, complete set of spare batteries, applications manual, and rugged field suitcase.

Price and lease rates on the G-816 magnetometer are available upon request.

SPECIFICATIONS

Sensitivity: ±1 gamma throughout range

Range: 20,000 to 100,000 gammas (worldwide)

Tuning: Multi-position switch with signal amplitude indicator light on display

Gradient Tolerance: Exceeds 800 gammas/ft

Sampling Rate: Manual push-button, one reading each 6 seconds

Output: 5 digit numeric display with readout directly in gammas

Power Requirements: Twelve self-contained 1.5 volt "D" cell, universally available flashlight-type batteries. Charge state or replacement signified by flashing indicator light on display.

Battery Type	Number of Readings
Alkaline	over 10,000
Premium Carbon Zinc	over 4,000
Standard Flashlight	over 1,500

NOTE: Battery life decreases with low temperature operation.

Temperature Range: Console and sensor: −40° to +85°C

Battery Pack: 0° to +50°C (limited use to −15°C; lower temperature battery belt operation—optional)

Accuracy (Total Field): ±1 gamma through 0° to +50°C temperature range

Sensor: High signal, noise cancelling, interchangeably mounted on separate staff or attached to carrying harness

Size:
Console: 3.5 x 7 x 10.5 inches (9 x 18 x 27 cm)
Sensor: 3.5 x 5 inches (9 x 13 cm)
Staff: 1 inch diameter x 8 ft length (3 cm x 2.44 m)

Weight:

	Lbs.	Kgs.
Console (w/batteries):	5.5	2.5
Sensor & signal cable:	4	1.8
Aluminum staff:	2	0.9
Total:	11.5	5.2

All magnetometers and parts are covered by a one year warranty beginning with the date of receipt but not to exceed fifteen months from the shipping date.

geoMetrics, INC. A SUBSIDIARY OF EG&G
395 JAVA DRIVE
SUNNYVALE, CA 94086 U.S.A.
TEL (408) 734-4616
CABLE "GEOMETRICS"
TELEX NO 357-435

geoMetrics SERVICES (CANADA) LTD.
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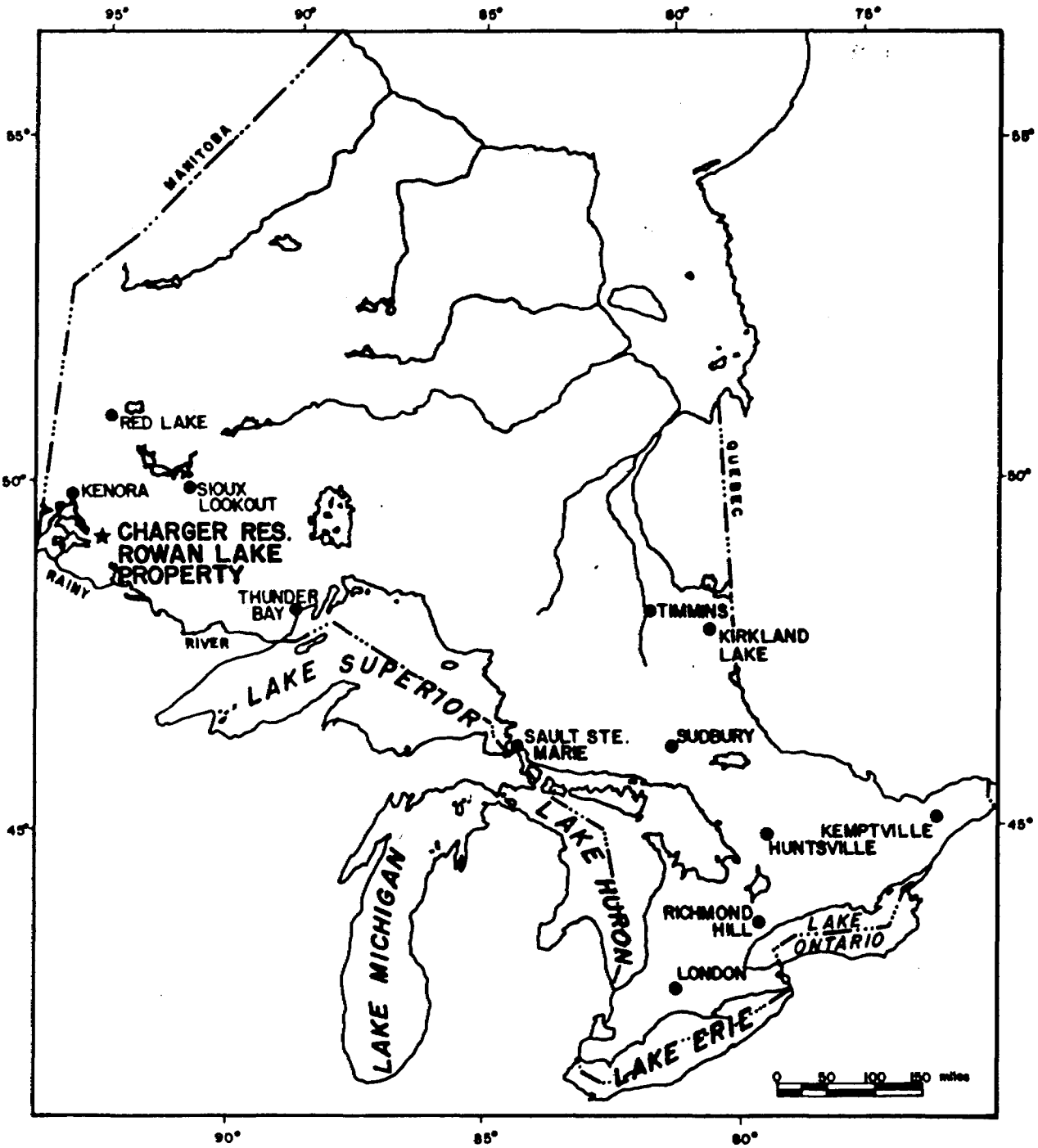
DOWNSVIEW (TORONTO), ONTARIO CANADA
TEL (416) 661-1966
TELEX NO 06-22694

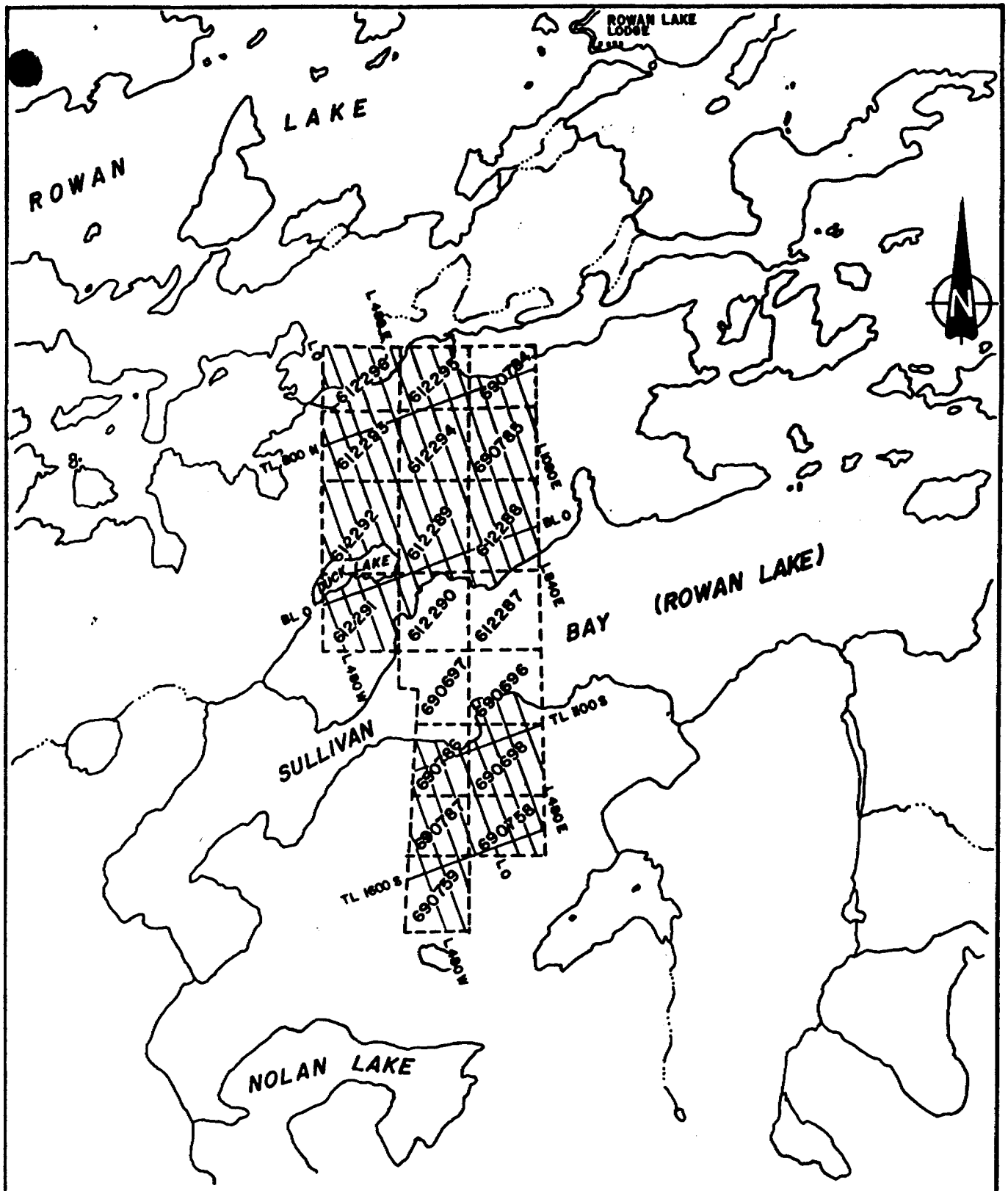
geoMetrics INTERNATIONAL CORP.
80 ALFRED ST
MILSON'S POINT
SYDNEY NSW 2061
AUSTRALIA
TEL 929 9942
TELEX NO 790 22624

WORLD-WIDE AGENTS: EUROPE • SCANDINAVIA • UNITED KINGDOM • JAPAN • SO. AFRICA • SO. AMERICA



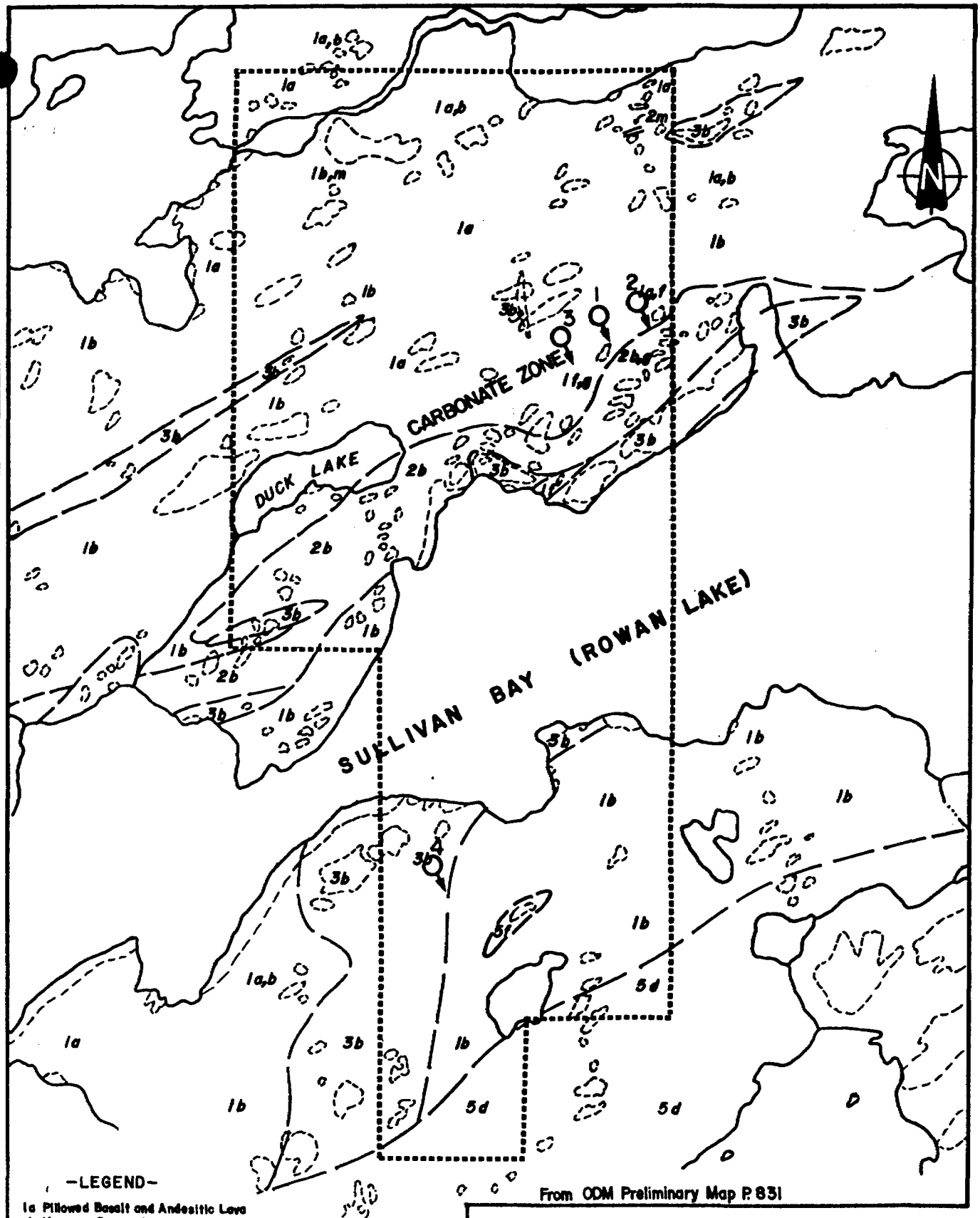
PROVINCE OF ONTARIO

REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for CHARGER RESOURCES LTD.		
	Title **PROPERTY LOCATION**		FIG. 1
	Date: DEC. 83	Scale: 1:1 000 000	N.T.S.: 52 F/5
	Drawn: CJ	Approved:	File: M-28



From ROWAN LAKE claim sheet no. M-2580

REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for CHARGER RESOURCES LTD.		
	Title: **CLAIM INDEX MAP** FIG. 2		
	Date: DEC. 83	Scale: 1"=2640'	N.T.S. 52 F/SE
	Drawn: CJ	Approved	File: M-28



-LEGEND-

- 1a Pillowed Basalt and Andesitic Lava
- b Massive Basalt Lava
- f Tuff
- g Lapilli Tuff
- 2b Silicic Tuff (quartz porphyry)
- g Dacitic Tuff
- m Sericite Schist
- 3b Gabbro, Hornblende Gabbro
- 5d Monzonite, Syenite
- f Carbonated Monzonitic Rock
- outcrop boundary
- geological contact, assumed
- Diamond Drill hole

From ODM Preliminary Map P. 831

REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for CHARGER RESOURCES LTD.		
	Title: REGIONAL GEOLOGY		
			FIG. 3
	Date: DEC. 83	Scale: 1"=1320'	N.T.S. 52 F/5E
	Drawn: CJ	Approved	File: M-28

Ontario

Ministry of Natu

900

GEOPHYSICAL – GEOLOG
TECHNICAL DAT.

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 ROWAN LAKE M2580
Claim Holder(s) JACQUES SAWYER, ALAIN THIBAULT
Survey Company R.S. MIDDLETON EXPLORATION
Author of Report ROBERTA BALD
Address of Author P.O. BOX 1637, TIMMINS ONT.
Covering Dates of Survey Jan 29-~~84~~ April 9/84
(linecutting to office)
Total Miles of Line Cut 2.96 miles

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	40
–Radiometric	
–Other	
Geological	
Geochemical	

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

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

DATE: May 2/84 SIGNATURE: Roberta Bald
Author of Report or Agent

Res. Geol. _____ Qualifications 23530

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
K	612287
	612290
	690696
	690697
	690786

If space insufficient, attach list

RECEIVED

MINING LANDS SECTION

TOTAL CLAIMS 5

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 293 Number of Readings 293

Station interval 20m (10 meter detail) Line spacing 120 meter

Profile scale

Contour interval 200 nT

MAGNETIC

Instrument GEOMETRICS G816 PROTON PRECESSION MAGNETOMETER

Accuracy – Scale constant

Diurnal correction method LOOPING TO BASE STATIONS ALREADY ESTABLISHE

Base Station check-in interval (hours) 1

Base Station location and value Values along BASELINE

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 _____

_____

_____

_____

_____

_____

_____

_____

_____

July Lot # 115-84

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

2.6772

The Mining Act

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – 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): MAGNETOMETER	Township or Area: M2580 ROWAN LAKE
Claim Holder(s): CHARGER RESOURCES (U.S.) INC ~~JACQUES SAWYER, ALAIN THIBAULT~~	Prospector's Licence No: T.1607 ~~S.587 / S.584~~
Address: c/o R.S. MIDDLETON EXPLORATION SERVICES, P.O. Box 1637, TIMMINS, ONTARIO	
Survey Company: R.S. MIDDLETON EXPLORATION SERVICES	Date of Survey (from & to): 29 Day 01 Mo. 84 Yr. / 30 Day 01 Mo. 84 Yr.
Total Miles of line Cut: 2.96 miles	
Name and Address of Author (of Geo-Technical report): ROBERTA BALD c/o R.S. MIDDLETON EXPLORATION SERVICES, P.O. Box 1637 TIMMINS ONT.	

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	40
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Radiometric	
	Geophysical - Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
	Geophysical - Radiometric	
	Geophysical - Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	612287				
	612290				
	690696				
	690697				
	690786				

RECEIVED
MAY 24 1984
MINING LANDS SECTION

KENORA MINING DIV. RECEIVED MAY 7 1984 8:15 am AM PM 7 8 9 10 11 12 1 2 3 4 5 6

See Revised Statement
612287

Total number of mining claims covered by this report of work: 5

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits
Total Expenditures: $ ÷ 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.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
200	MAY. 7/84	
	~~Date Approved as Recorded~~	~~Branch Director~~

Date	Recorded Holder or Agent (Signature)
May 2/84	Roberta Bald

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
ROBERTA BALD, P.O. Box 1637, TIMMINS, ONTARIO P4N 7W8

Date Certified	Certified by (Signature)
May 2/84	Roberta Bald

0362 (81/2)

1984 05 28

Your File: 115
Our File: 2.6772

Mrs. Mary Ellen Lemay
Acting Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

We have received reports and maps for a Geophysical (Magnetometer) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims K 612287 et al in the Area of Rowan Lake.

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

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-6918

A. Barr:sc

cc: Charger Resources (U.s.) Inc
c/o R.S. Middleton Exploration Servicews
P.O. Box 1637
Timmins, Ontario
P4N 7W8
Attn: Roberta Bald.

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.6772

Date 1984 07 26

Mining Recorder's Report of Work No. 115-84

Recorded Holder: CHARGER RESOURCES (U.S.) INC

Township or Area: ROWAN LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 612287-90 690696-97 690786
Electromagnetic _____ days	
Magnetometer 33 days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

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 77(19)—60:

828 (83/6)

Ministry of
Natural
Resources
Ontario

Aug 10/84

1984 07 26

Your File: 115-84
Our File: 2.6772

Mrs. Mary Ellen Lemay
Mining Recorder (Acting)
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

RJP S. Hurst:mc

Encls.

cc: Charger Resources (U.S.) Inc
c/o R.S. Middleton Exploration Services
P.O. Box 1637
Timmins, Ontario
P4N 7W8

cc: Mr.G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Ministry of Natural Resources

Ontario

Notice of Intent

for Technical Reports

1984 07 26

2.6772/115-84

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

Mining Lands Section

File No 2.6772

Control Sheet

TYPE OF SURVEY

✓ GEOPHYSICAL

____ GEOLOGICAL

____ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

lgd. L.D

J. Hurst

Signature of Assessor

July 12/84

Date

1984 08 15

Your File: 115-84
Our File: 2.6772

Mrs. Mary Ellen Lemay
Mining Recorder (Acting
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

RE: Notice of Intent dated July 26, 1984
Geophysical (Magnetometer) Survey on
Mining Claims K 612287 et al in the
Area of Rowan Lake

The assessment work credits, as listed with the above-mentioned Notice of Intent, 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

S. Hurst:mc

cc: Charger Resources (U.S.) Inc
c/o R.S. Middleton Exploration Services
P.O. Box 1637
Timmins, Ontario
P4N 7W8

cc: Resident Geologist
Kenora, Ontario

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Encl.

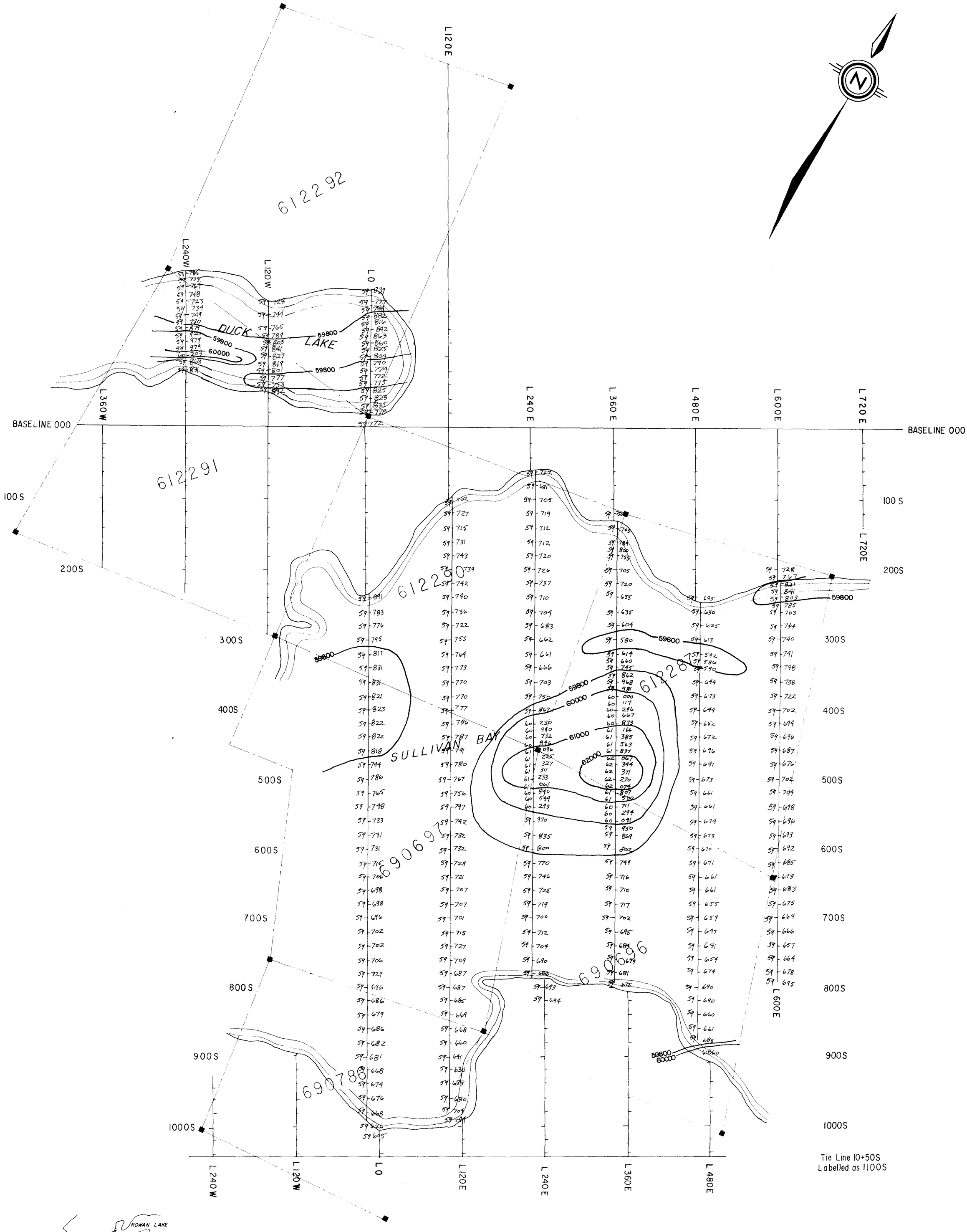
2.6772

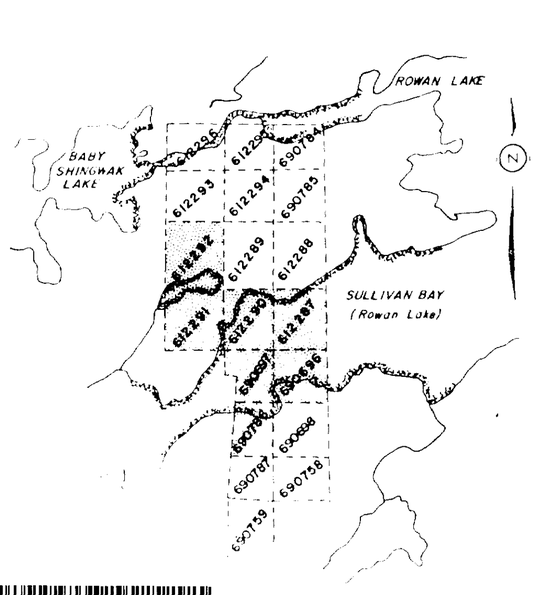
612287	1/4
90	1/4
696	1/4
97	✓
786	1/4

5×40=200

200 ÷ ~~5.75~~ 6 = 33

2





CLAIM INDEX
1" = 2640'

2.6772 (dup)

100 80 60 40 20 0 100 200 metres

REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for CHARGER RESOURCES		
	Title ROWAN LAKE - SULLIVAN BAY MAGNETOMETER SURVEY		
	Date: APRIL 1984	Scale: 1:2500	N.T.S.: 52 F/5
	Drawn: AW/CG	Approved:	File: M-28

52F05SE0097 2.6772 ROWAN LAKE