GEOPHYSICAL REPORT
ELECTROMAGNETIC & MAGNETIC SURVEYS
SHOAL LAKE PROJECT - ONTARIO
GRIDS 5A, 5B, 6E, 7C & 7D

A.P. Pryslak
April - September, 1983

A. Introduction

This report deals with results of geophysical surveys conducted over 4 grids situated in the Shoal Lake area of Northwestern Ontario. Two grids are situated in Glass Township, north of Clytie Bay of Shoal Lake. These surveys are part of a follow-up program to an INPUT survey completed by Questor Surveys Limited in the fall of 1981 and are base-metal targets. Grids 6E and 7C are part of a regional exploration program for Cameron Island type gold mineralization.

Access to the properties situated around Shoal Lake is via the Rush Bay Road which connects Clytie Bay of Shoal Lake with the Trans-Canada Highway.

B. Regional Geology

The metavolcanic-metasedimentary sequence forms part of the Wabigoon Subprovince, Superior Province of Archean Age. The O.G.S. Compilation Map 2443 - Kenora - Fort Frances Sheet illustrates the major lithological units for the Shoal Lake area. Detailed geological mapping by Davies gives further information on the geology of the Shoal Lake area.

C. Linecutting

Grids were established over the target areas in January and February, 1983. Lines were spaced at 400-foot intervals and stations were picketed at 100-foot intervals along the lines.

D. Geophysical Surveys

All grids were surveyed using Apex Parametrics Max-Min II units at a frequency of 444 Hz with 400-foot coil separation. Readings were taken at 100-foot station intervals, except in areas of anomalous readings where this was reduced to 50-foot intervals.

The magnetic survey utilized the Geometrics G-816 unit, serial No.450. Again, readings were at 100-foot intervals, except for areas of anomalous activity where it was reduced to 50-foot stations. All grids were surveyed by the magnetometer.

The VLF-EM survey was carried out over grid 7C. The instrument used for the survey was a Geonics EM 16 unit utilizing the Culter, Maine station.

E. Property 5 - Grid A

(i) Geology - Davies' mapping shows that the grid area is underlain by a sequence of felsic and mafic metavolcanics intruded by minor gabbro sills.

(ii) H.L.E.M. Survey Results - A strong long-trending conductor lies to the north of the Base Line between lines 12+00E and 48+00E. The central and east portions of this feature display widths of 75 to 175 feet or it may also be interpreted as two separate but narrow conductors. The conductors are correlative with a weak positive magnetic anomaly. The amplitude of the magnetic response varies from several tens of gammas to approximately 600 gammas on line 20+00E. This conductor was tested by Selco a number of years ago and was identified as graphic tuff-sediments with minor pyrrhotite, pyrite and sphalerite.

Two short conductors lie approximately 1000-feet to the north of the long conductor. The conductivity is variable along the strike length of both features. The most easterly conductor, which lie south of a small lake, is correlative with a weak magnetic anomaly in the magnetude of 200 gammas. This conductor would appear to lie along the contact of felsic pyroclastics and mafic metavolcanic flows.

3/...

The easterly conductor has no apparent correlation with anomalous magnetic responses and is likely due to graphitic tuffs or sediments.

(iii) Magnetometer Survey Results - A narrow positive magnetic anomaly extends from co-ordinate 14N - 40E to 12N - 52E. Elsewhere, the magnetic susceptabilities are low and subtely reflect the trend of lithological units. Several isolated high peaks may reflect errors in reading.

(iv) Recommendations - Minor base-metal mineralization is known to occur in the area just outside the grid. Davies' mapping shows that outcrops over the grid area are abundant. Therefore, it is recommended that the grid be mapped and that particular attention be paid to locating the source of the conductors. Testing of conductors by diamond drilling would be dependant upon results of these geological investigations.

F. Property 5 - Grid B

(i) Geology - Davies' mapping shows that the north part of the grid is underlain by felsic pyroclastics and that the south part is comprised of mafic metavolcanic flows.

(ii) H.L.E.M. Survey Results - Two conductors have been identified by the survey. The conductivity of both features varies from weak to moderate along the strike. The north conductor is strongest at the west while the south conductor has its strongest response at the east end.

Both conductors have moderate magnetic signature but this is also variable along the strike of the conductors.

(iii) Magnetometer Survey Results - Moderate positive magnetic anomalies are elongated in an east-west direction and display stratigraphic trends. The variation in magnetic response within the mafic volcanic sequence probably is due to minor differences in flow units.

(iv) Recommendations - The conductors should be prospected during the summer months to find their possible source. If these are not located, testing by diamond drilling is recommended.

G. Property 6 - Grid E

(i) Geology - Davies' mapping shows this area to be underlain by the lower tholeiitic volcanic sequence. The south part of the grid is occupied by rocks of the upper calc-alkaline felsic volcanics, with the contact being under the lake and approximately parallel to the shore in the west part of the grid. The southeast part of the grid is underlain by intrusive rocks of the Canoe Lake Stock.

(ii) H.L.E.M. Survey Results - A total of six conductors were identified by the survey and 3 were subsequently tested by diamond drilling. All conductors are comprised of chert-pyrrhotite units intraformational to mafic volcanic flows.

Conductor No.1 - Co-ordinate 14N, 4+00E to 12N, 20+00E.
Weak to moderate conductor with a weak flanking magnetic anomaly. Tested by diamond drilling on L8E, 12N.

Conductor No.2 - Co-ordinate 2N, 4+00E to 1N, 28+00E.
A strong magnetic response flanks the conductor to the south. This is correlative with a mafic-ultramafic flow versus more normal basalts situated north of the conductor which have a low magnetic signature.

5/...

Conductor No.4 - Co-ordinate 7N, 48+00E, to 10N, 68+00E.
This conductor was tested by diamond drilling on L52E and is due to chert-pyrrhotite.

Conductor No.5 - Co-ordinate 8S, 60+00E.
This strong, single line feature is situated near the contact of the volcanics and the Canoe Lake Stock. It was tested by diamond drilling and is due to an intraformational unit of chert-pyrrhotite.

Conductor No.6 - Co-ordinate 2S, 0+00.
This weak conductor with high quadrature response is likely due to minor chert-sulphide bands associated with the transition zone between the tholeiitic volcanics and the calc-alkaline volcanics. This transition zone was tested by drilling on line 8+00E and intersected such mineralization.

(iii) Magnetometer Survey Results - Positive magnetic features are related either to chert-pyrrhotite zones or magnetite-bearing ultramafic units. The areas of magnetic response are occupied either by normal basalt flows in the north part of the grid or by the calc-alkaline sequence in the south part.

(iv) Recommendations - Conductor No.2 is situated in an area of topographic high and is likely to be exposed in outcrop. This should be checked and sampled for gold mineralization.

H. Property 7 - Grid C

(i) Geology - This grid lies east of Clytie Bay and north of Bag Bay of Shoal Lake. Davies' mapping shows that the east end of the grid is underlain by intrusive rocks of the Canoe Lake Stock. Mafic volcanics, gabbro and ultramafic rocks occupy the central part of the grid and felsic pyroclastics are exposed along the protrusion of the shoreline.

6/...

The above volcanic sequence is interpreted to be stratigraphically equivalent to the sequence in the vicinity of Cameron Island.

The Crown Point mine is located within the Canoe Lake granodiorite. Gold mineralization here is associated with quartz veins.

In 1968, Olympia Mines carried out diamond drilling on a sulphide zone situated east of the base line in the central part of the property.

(ii) H.L.E.M. Survey Results - Three strong bedrock conductors have been identified by this survey. These fall within the mafic-ultramafic volcanic sequence. Drilling by Olympia Mines identified one of the conductors as due to chert-pyrrhotite with minor nickel and copper values. It is uncertain if the drilling tested only one or both of the two parallel conductors situated east of the base line. The third conductor, lying between the base line and the shore line is likely similar in nature to that encountered by the drilling.

A weak conductor situated at the east end of the grid between lines 261N and 269N appears to conform with the contact of the volcanic sequence and the Canoe Lake Stock.

A weak, single line response occurs at co-ordinate 65E, 245N. The quadrature response is greater than the in-phase, suggesting a lake bottom sediment response.

(iii) Magnetometer Survey Results - A zone of positive magnetic response, approximately 600-feet wide, extends from the area north of the base line on 237+00N to the area south of the base line on 281+00N. This magnetic feature identifies a sequence of ultramafic flows and pyrrhotite-bearing cherts and basalts.

7/...

The area of low magnetic response along the west portion of the grid correlates with felsic metavolcanics and the low magnetic response to the east of the positive magnetic anomaly correlates with the granodiorite of the Canoe Lake Stock.

(iv) VLF-EM Survey Results - Numerous conductors have been identified by this survey. The VLF survey shows that the two HLEM conductors situated east of the base line are in fact separate conductors and not a single broad feature. Some of the features coincide with shore line or areas of topographic lows. Geological mapping is required to see if some of the features are due to structures within the bedrock.

(v) Recommendations - Geological mapping is recommended prior to any testing for gold mineralization by diamond drilling.

I. Property 7 - Grid D

(i) Geology - The grid is predominantly over lake surface and the geology is interpreted from the few bedrock exposures on islands and the east shoreline of the Sirdar Peninsula and magnetic survey data.

The Stevens Island Diorite occupies the central part of the grid area. Komatiitic basalts with interflow sediments occur along the extreme east limit of the grid. A narrow band of felsic tuffs probably of calc-alkaline affinity, occurs between the Stevens Island Diorite and the tholeiitic basalts. This is confirmed by drill results on section 181N (DDH S-9 and S-10).

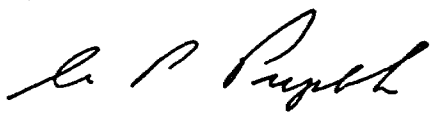
Quartz Porphyry underlies the northwest corner of the grid. The contact with the Stevens Island Diorite is found on the island centered on grid co-ordinate 209N, 2000E.

(ii) HLEM Survey Results - No valid bedrock conductors have been identified by the survey. Four anomalous positive features identified on the plan likely reflect ridges in the bedrock topography.

(iii) Magnetometer Survey Results - A prominent positive magnetic feature situated in the central part of the grid is due to a magnetite-bearing phase of the Stevens Island Diorite. Elsewhere the Diorite lacks magnetite and yields to a low magnetic response.

The high positive magnetic responses in the southeast part of the grid are typical of komatiitic basalts.

(v) Recommendations - Diamond drill holes S-9 and S-10 were drilled across the transition zone from felsic calc-alkaline tuffs of mafic-komatiitic basalts of tholeiitic affinity. Scattered values of 0.02 oz/T Au were encountered over width of less than a metre. No further work is warranted on this grid.



FWM

Ministry of Natural Resources
Ontario

Report of Work #121-83
(Geophysical, Geological, Geochemical and Expenditures)

#12

[redacted] Shoal - P6 - Grid 'E' The Mi

52E10SW8584 2.5872 SHOAL LAKE

900

Type of Survey(s)	Township or Area
Geophysical	M.2339
Claim Holder(s)	**Prospector's Licence No.**
Selco Inc.	T190
Address	
55 University Ave., Suite 1700, Toronto, Ontario M5J 2H7	
Survey Company	**Date of Survey (from & to)** Day / Mo. / Yr. — Day / Mo. / Yr.	**Total Miles of line Cut**
Selco Inc.	Feb. '83 — April '83	2.5 mls.
Name and Address of Author (of Geo-Technical report)		
A.P. Pryslak - 534 Berry St., Winnipeg, Manitoba R3H 0R9		

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Electromagnetic	20
	- Magnetometer	40
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- 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.
K	623412	
	623413	
	623414	
	623415	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
NOV 14 1983
MINING LANDS

KENORA
MINING DIV.
RECEIVED
OCT 11 1983
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

1

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.

623407

Total number of mining claims covered by this report of work. 4

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
240	Oct 11/83	
	Date Approved as Recorded	Branch Director

Date	~~Recorded Holder~~ or Agent (Signature)
Oct 5/83	

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

A.P. Pryslak - 534 Berry St., Winnipeg, Manitoba R3H 0R9

Date Certified	Certified by (Signature)
Sept. 26, 1983	

1362 (81/9)

Ontario

Ministry of Natural Resources

File Shoal - P6
Grid 'E'

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

RECEIVED
OCT 6 1983
MINING LANDS SECTION

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) Geophysical
Township or Area M.2339
Claim Holder(s) Selco Inc. - 55 University Ave.,
Suite 1700, Toronto, Ontario M5J 2H7
Survey Company Selcos Inc.
Author of Report A.P. Pryslak
Address of Author 534 Berry St., Winnipeg, Man. R3H 0R9
Covering Dates of Survey Feb.'83 - Sept.'83
(linecutting to office)
Total Miles of Line Cut 2.5 mls.

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	20
–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: Oct 5 '83 SIGNATURE: J E Pryslak
Author of Report or Agent

Res. Geol. _____ Qualifications 2 3416

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
K	623412
K	623413
K	623414
K	623415

If space insufficient, attach list

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 EM=212 MAG=226 Number of Readings EM=212 MAG=226

Station interval 100' (some 50') Line spacing 400'

Profile scale 1:20%

Contour interval Every 100 gammas from -1000 to 1000
Every 1000 gammas thereafter

MAGNETIC

Instrument Geometrics G816/826

Accuracy – Scale constant ± 1 gamma

Diurnal correction method Base Station

Base Station check-in interval (hours)

Base Station location and value Intersection at Base Lines & Cross Lines

ELECTROMAGNETIC

Instrument Apex Max-Min II

Coil configuration Horizontal

Coil separation 125m and 250m

Accuracy ± 0.5%

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency 444 Hz
(specify V.L.F. station)

Parameters measured In-phase and quadrature components of secondary field as a percentage of primary field.

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

RESISTIVITY

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 _____

_____

_____

_____

_____

_____

_____

_____

_____

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.5872

Date March 9, 1984

Mining Recorder's Report of Work No. #121-83

Recorded Holder: Selco Insurance

Township or Area: Area of Shoal Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic 18 days Magnetometer ____ 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.	K 623412 to 15 incl.

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

Technical Assessment Work Credits

File 2.5872

Date March 9, 1984

Mining Recorder's Report of Work No. #121-83

Recorded Holder: Selco Inc.

Township or Area: Area of Shoal Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 623412 to 15 inclusive
Electromagnetic _____ days	
Magnetometer 34 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

Technical Assessment Work Credits

File 2.5872

Date February 6, 1984

Mining Recorder's Report of Work No. 121-83

Recorded Holder: Selco Inc. Insurance

Township or Area: Area of Shoal Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 623412 to 415 inclusive
Electromagnetic 34 days	
Magnetometer ____ 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

Technical Assessment Work Credits

File 2.5872

Date February 6, 1984

Mining Recorder's Report of Work No. #121-83

Recorded Holder Selco Insurance Inc.

Township or Area Area of Shoal Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 623412 to 415 inclusive
Electromagnetic 18. days	
Magnetometer ____ 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

Geotechnical Report Approval

File 2.5872

Mining Lands Comments

☑ To: Geophysics R. Barlow

Comments

☑ Approved ☐ Wish to see again with corrections | Date Jan 3/83 | Signature R Barlow

☐ To: Geology - Expenditures

Comments

☐ Approved ☐ Wish to see again with corrections | Date | Signature

☐ To: Geochemistry

Comments

L.D.

☐ Approved ☐ Wish to see again with corrections | Date | Signature

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

1593 (81/10)

2.5872

1984 03 09

Your File: 121-83
Our File: 2.5872

Mr. Wade Mathews
Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer) survey submitted on Mining Claims K 623412 et al in the Area of Shoal Lake.

The Geophysical (Electromagnetic and Magnetometer) Survey assessment work credits as listed with my Notice of Intent dated February 13, 1984 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,

S. E. Yundt
Director
Land Management Branch

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

M.E. Anderson:dg

cc: Selco Inc.
Suite 1700
55 University Ave.
Toronto, Ontario M5J 2H7

c

cc: Resident Geologist
Kenora, Ontario

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner

Feb 24, 1984

Your File: 121-83
Our File: 2.5872

1984 02 13

Mr. Wade Mathews
Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer) survey submitted on Mining Claims K 623412 et al in the Area of Shoal Lake.

Please disregard our previous Notice of Intent dated February 6, 1984. A typing error has now been corrected approving 34 days credit for the Magnetometer survey completed on the above-mentioned claims. Please accept our apologies for any inconvenience caused by this error.

Yours very truly,

J. R. Morton
Acting Director
Land Management Branch

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

M. E. Anderson:dg

cc: Selco Inc.
Suite 1700
55 University Ave.
Toronto, Ontario
M5J 2H7

Ministry of Natural Resources
Ontario

Feb 24, 1984

Your file: 121-83

1984 02 06

Our file: 2.5872

Mr. Wade Mathews
Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5160
Kenora, Ontario
P9N 3X9

Dear Sir:

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. 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: 416/965-1316

MEA M. E. Anderson:dg

Encls:

cc: Selco Insurance
Suite 1700
55 University Ave.
Toronto, Ontario. M5J 2H7

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

FILE

845

Ministry of Natural Resources
Ontario

Notice of Intent

for Technical Reports

1984 02 06

2.5872

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.

1983 10 13 2.5872

Mr. Wade Mathew
Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5160
Kenora, Ontario
P9N 3X9

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 K 623412 et al in the Area of Shoal Lake.

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

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data.] Please forward a copy as soon as possible.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-1380

R. Pichette:dvg

cc: Selco Inc.
Suite 1700
55 University Ave.
Toronto, Ontario
M5J 2H7

SELCO INC.

55 University Avenue Suite 1700
Toronto Ontario M5J 2H7 Telephone: (416) 361 0794
Telex: 06 22537 Cable: Selcoex Toronto

October 3, 1983

Ministry of Natural Resources
Mining Lands Section
Room 6450, Whitney Block
Queen's Park
Toronto, Ontario

Dear Sir,

RE: SHOAL PROJECT - PROPERTY 6 - M.2339

Further to our Report of Work (October 3, 1983) please find the following:-

CONTENT

(in duplicate)

Geophysical Report
Technical Data Sheet
Drawings No. SO.3580, 3580B

Yours very truly,

SELCO INC.

J.E. Rackley
Claims Control Co-ordinator

JER:rt
Encl.

2.5872

	Em	MAG		MEA				
K 62 .. 11	1/2	1/2						
13	✓	1/4						
14	✓	✓						
15	✓	✓						

Em prorate:

$$\frac{4 \times 20}{4.5} = 17.7 = 18$$

MAG prorate:

$$\frac{4 \times 40}{4.75} = 33.7 = 34$$

NOTES

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

Flooding Rights reserved to 1064' mean sea level.

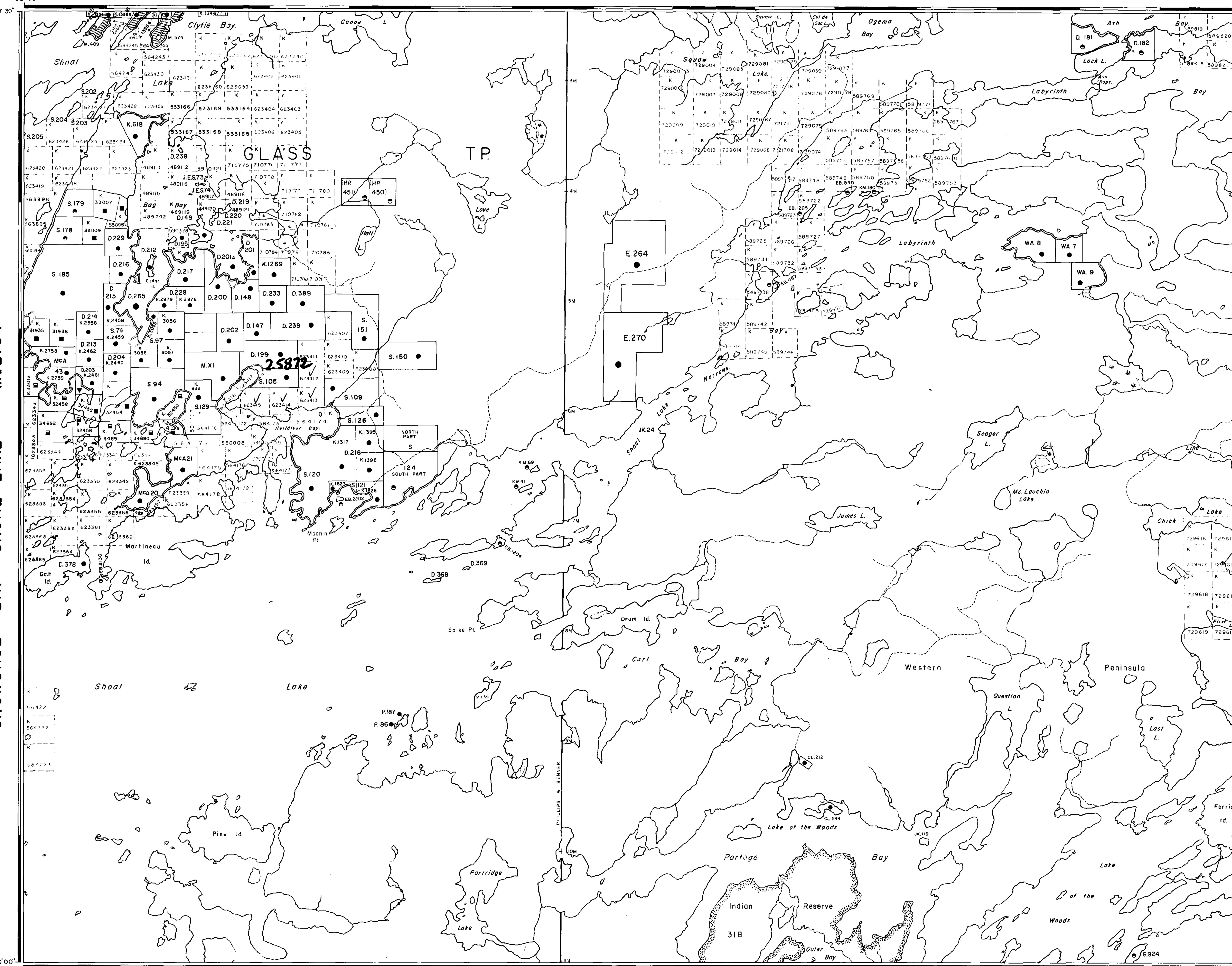
Islands in Shoal Lake and inlets thereto do not form part of Glass Township

ECHO BAY and BOYS TP. M-1949

SNOWSHOE BAY SHOAL LAKE M.2704

WILEY BAY (Lake of the Woods) M.2337

95°00' 49°37'30" 94°45'00"



49°30'00" 95°00' 59' 58' 57' 56' 55' 54' 53' 52' 51' 50' 49' 48' 47' 46' 94°45'00"

MONUMENT BAY (Lake of the Woods) M-2682

495 944

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
CROWN LAND SALE	CS
ORDER-IN-COUNCIL	OC
RESERVATION	(R)
CANCELLED	(C)
SAND & GRAVEL	(S)

SCALE: 1 INCH = 40 CHAINS

FEET 0 500 1000 2000 4000 6000 8000
METRES 0 200 400 600 800 1 KM 2 KM

ACRES	HECTARES
40	16

AREA

SHOAL LAKE

DISTRICT

KENORA

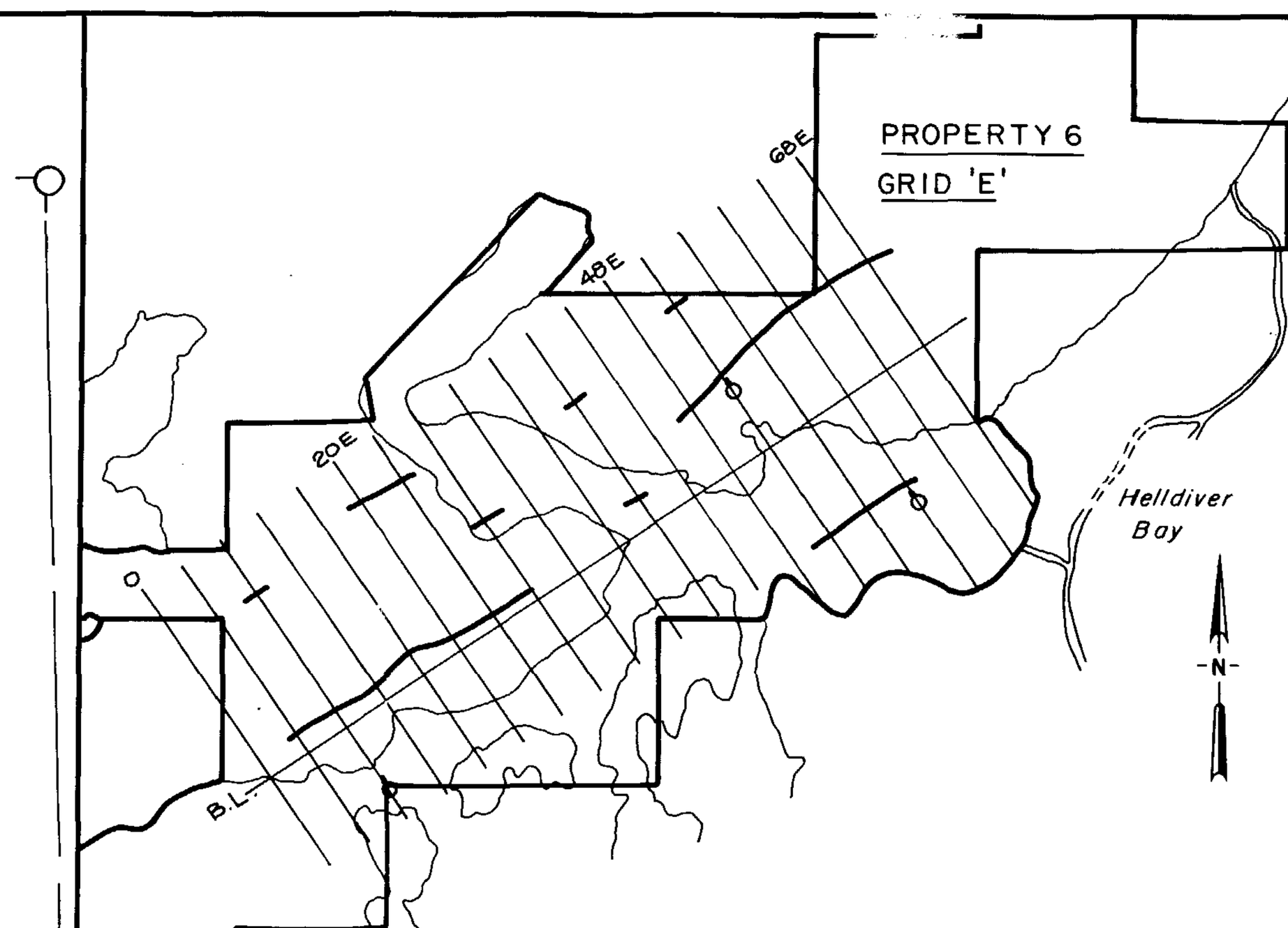
MINING DIVISION

KENORA

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

DATE 10th. SEPTEMBER /73 | PLAN No. M-2339

NATIONAL TOPOGRAPHIC SERIES 52E10



LOCATION PLAN
CLAIM MAP M.2339-ONT
Scale 1" : 1/4 mile

ELECTROMAGNETIC INSTRUMENT
TYPE: APEX MAX-MIN II
HORIZONTAL LOOP (Percent of Primary Field)
Frequency: 444 Hz
Cable Length: 400 ft
In Phase: ●—●— Out of Phase Quadrature ●---●
Conductor Width:
Profile Scale: 1" : 20%

OTHER INFORMATION	
SEE DRWG. Nº	TYPE
SO 3580	MAG.

N

0 200 400
FEET

Sept '83	Added Claim
Aug '83	Added Claims
May '83	Added D.D.H's S11, S12, S13 & S14

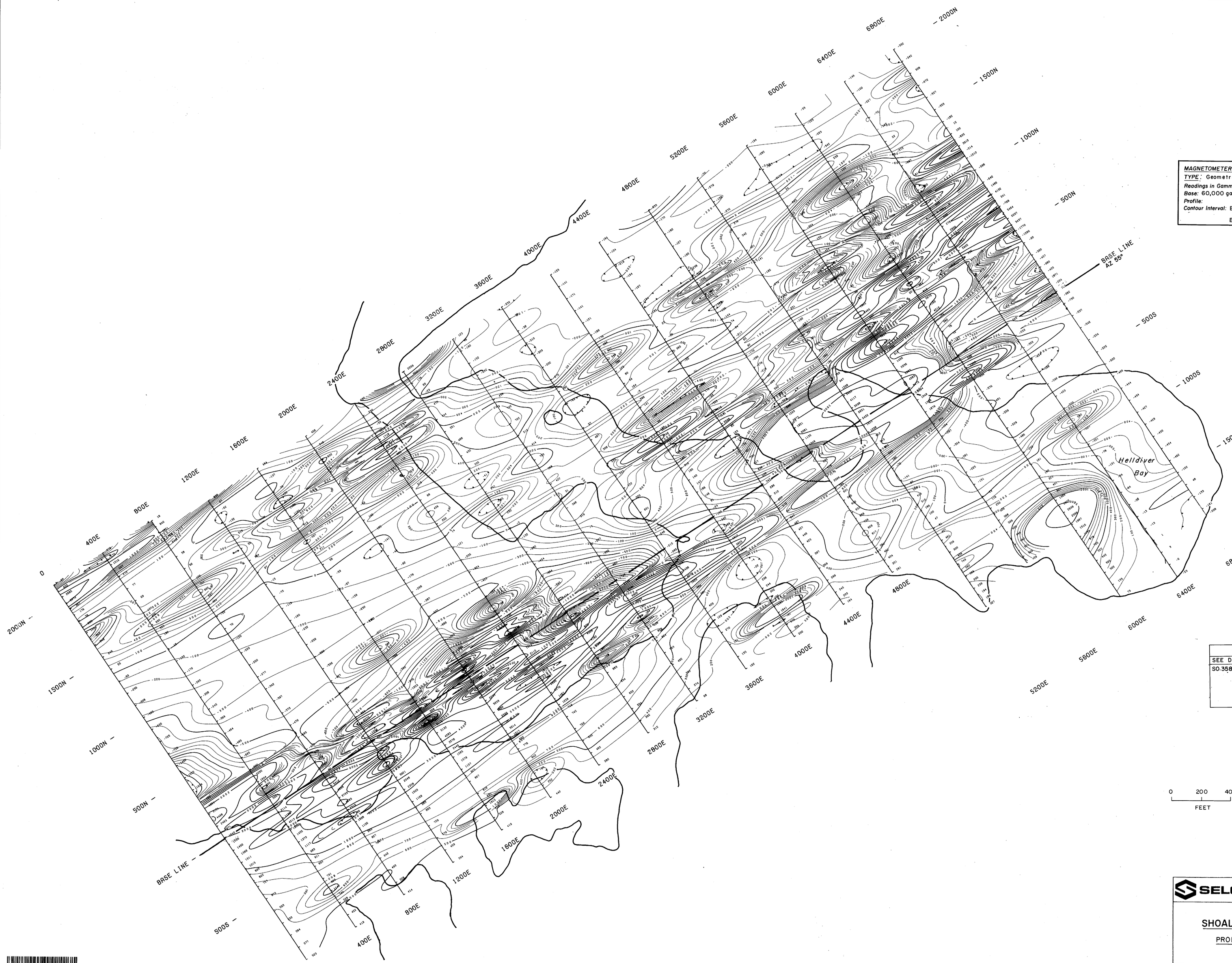
SELCO INC. EXPLORATION

SHOAL LAKE PROJECT
PROPERTY 6 – GRID 'E'
H.L.E.M. SURVEY

DRAWN BY	DATE	N.T.S.	PLAN
L.C.	Feb 1983		SO.3580B
TRACED BY Data Plot	DATE April 1983		

2.5872

210



OTHER INFORMATION	
SEE DRWG. NO	TYPE
SO.3580 B	H.L.E.M., LOC. PLAN, CLAIMS, D.D.H's

SELCO INC. EXPLORATION

SHOAL LAKE PROJECT

PROPERTY 6 — GRID 'E'

MAG. SURVEY

DRAWN BY	DATE	N.T.S.	PLAN
L. C.	Feb. 1983		SO.3580
TRACED BY	DATE		
Data Plot	April 1983		

2.5872