010

REPORT
ON THE
GEOPHYSICAL MAGNETOMETER, GRADIOMETER & VLF-EM SURVEY
ON THE
SOUTH McVICAR LAKE PROPERTY
McVICAR LAKE AREA - G 2121
PATRICIA MINING DIVISION

FOR

BAYAURA MINES LTD.
SUITE 1650; ELVDEN HOUSE
717 - SEVENTH AVENUE S.W.
CALGARY, ALBERTA
T2P 0Z2

PREPARED BY
L.C. CHASTKO P.Eng. F.G.A.C.
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

JUNE 7, 1988

2wl
63.2591

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1.1 SUMMARY

1). 0.7 km. of base line and 8.8 km. of grid lines were cut over the property.

2). 8.8 km. of combined total field magnetometer, vertical gradient and VLF-EM surveys were conducted over the property.

3). Four relatively weak VLF-EM trends were outlined.

4). A strong truncated magnetic expression underlays the central portion of the property and is believed to outline a mafic to ultra mafic intrusive.

1.2 RECOMMENDATIONS

1). The results of the combined surveys have not produced any definitive targets for further exploration.

2). Geological mapping and prospecting may upgrade the targets outlined.

3). Barring positive prospecting results no further work is recommended on the property based on the geophysical surveys.

Respectfully submitted,

L.C. Chastko, P.Eng. F.G.A.C.

PROVINCE OF MANITOBA
L. C. CHASTKO
REGISTERED ENGINEER

GEOLOGICAL ASSOC
L. C. CHASTKO
100
FE

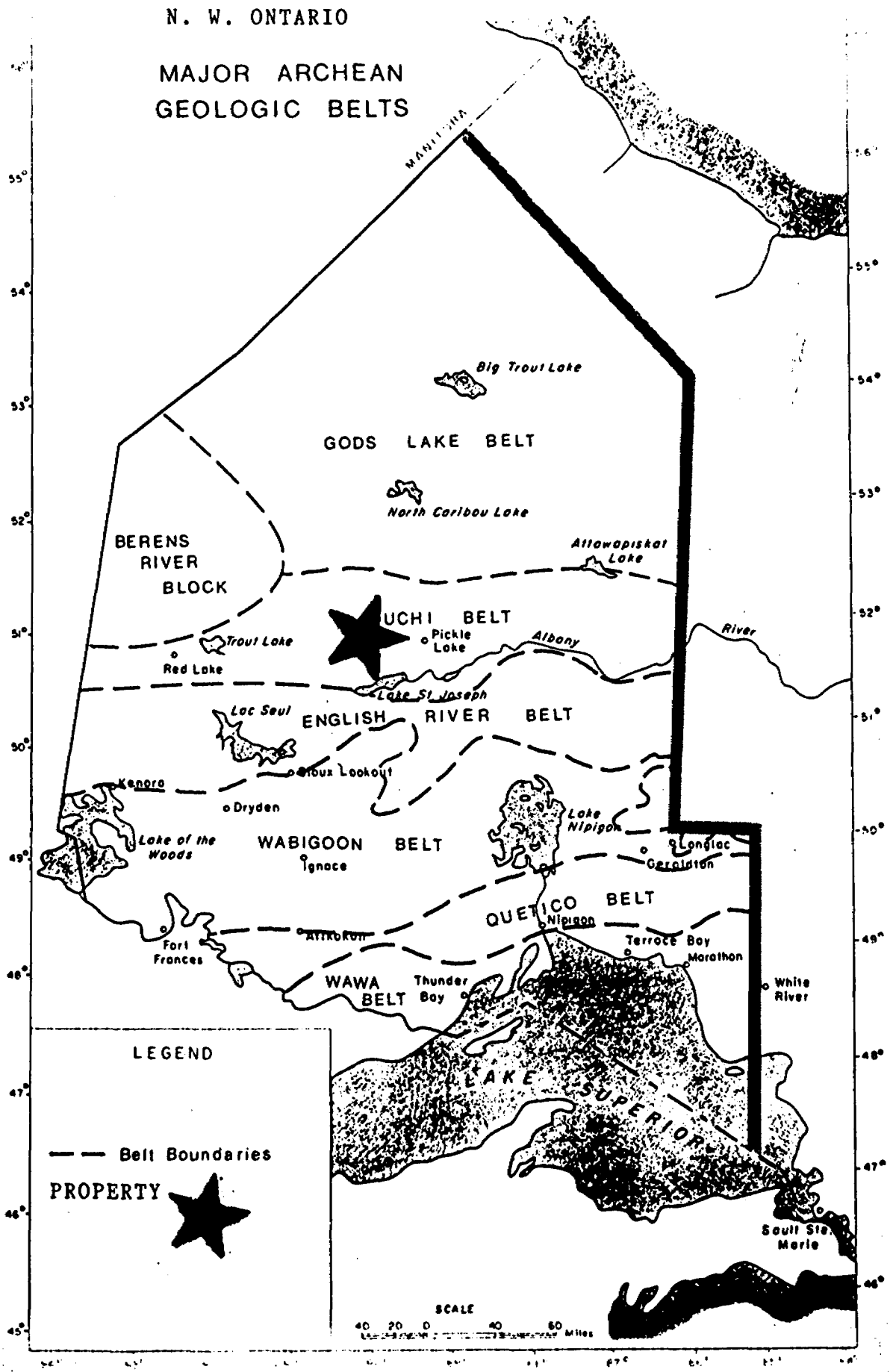
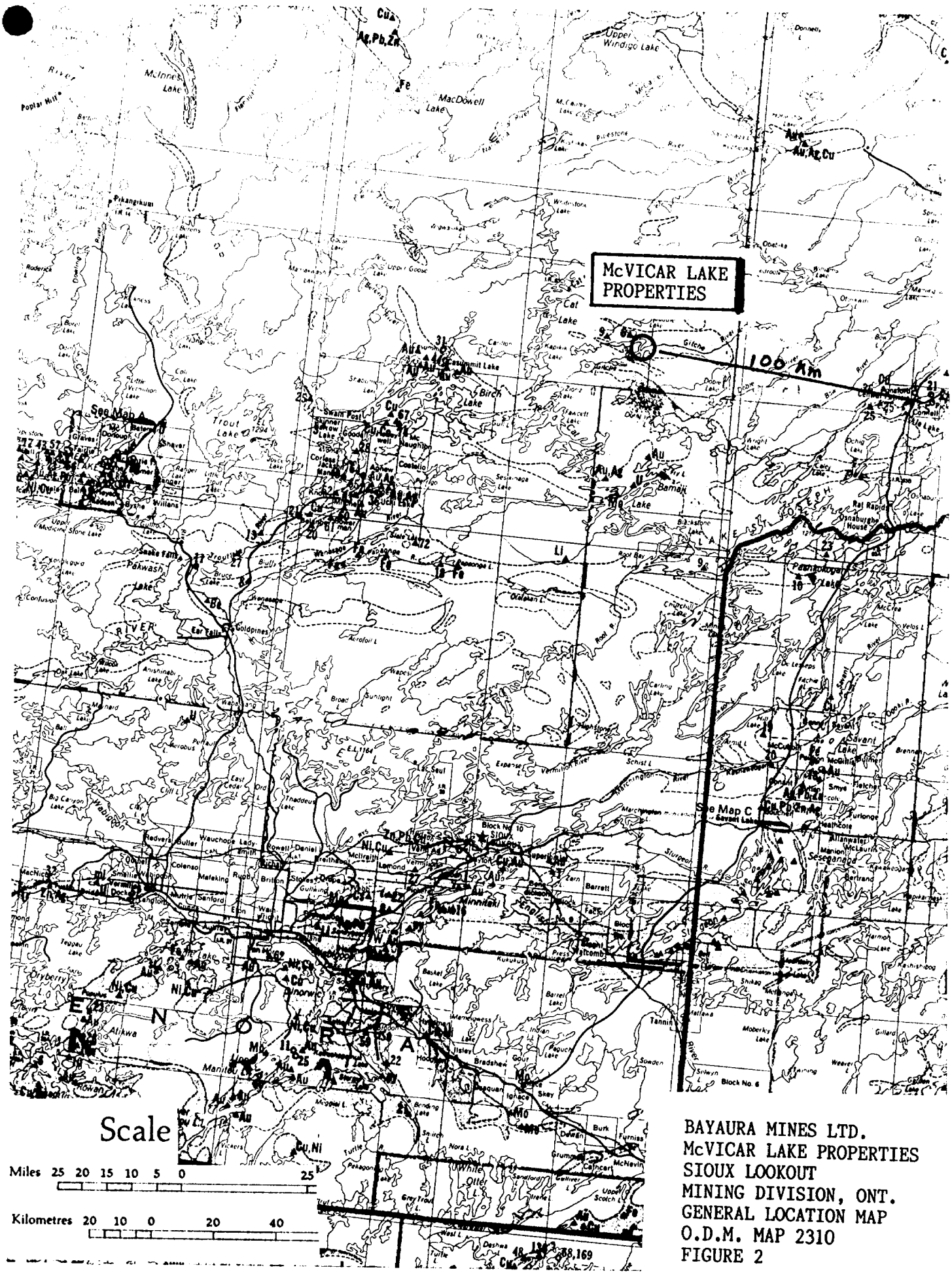
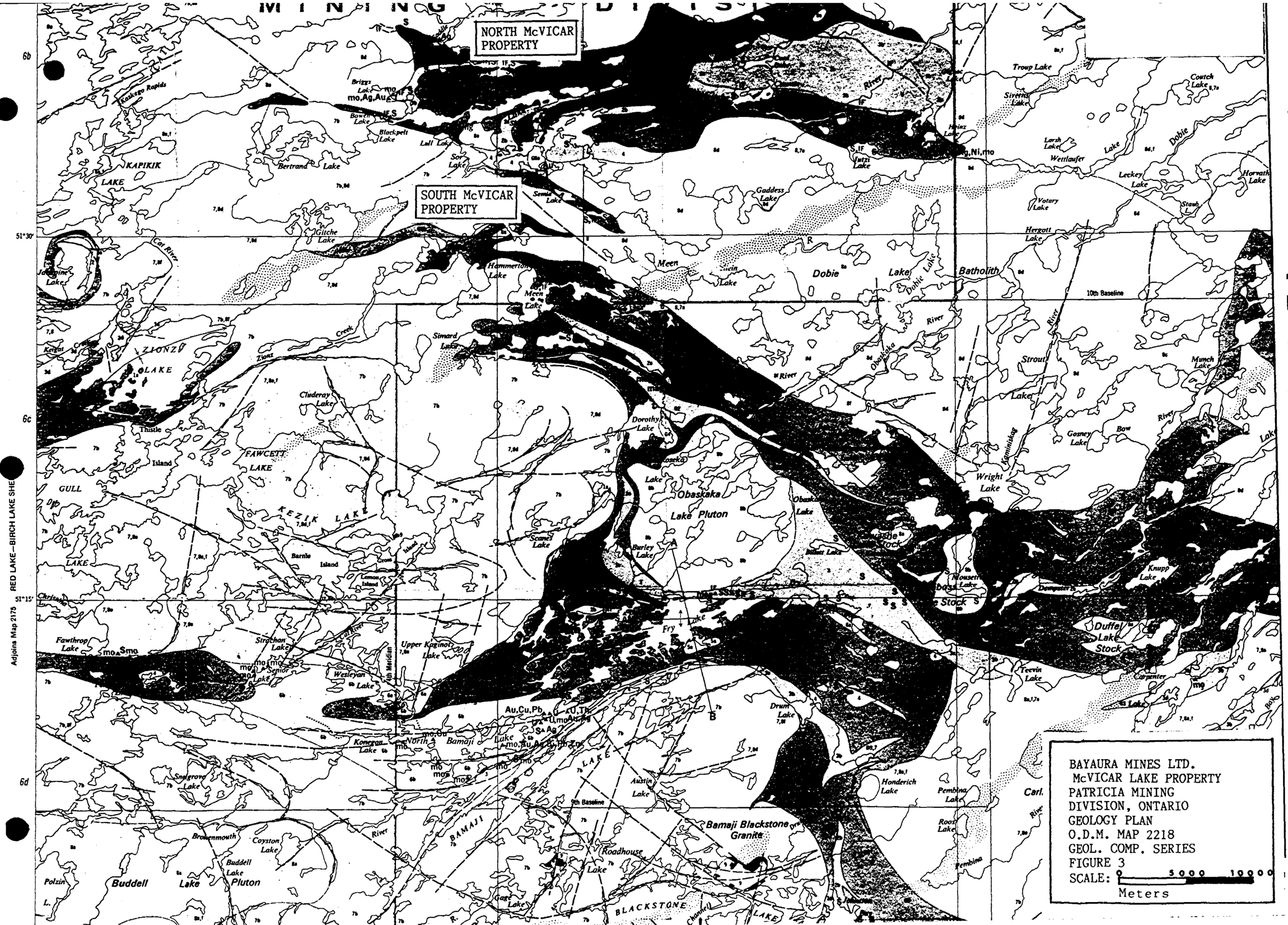
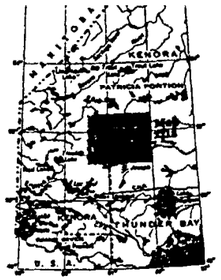

N. W. ONTARIO
MAJOR ARCHEAN
GEOLOGIC BELTS
MANITOBA
Big Trout Lake
GODS LAKE BELT
North Caribou Lake
Attawapiskat Lake
BERENS
RIVER
BLOCK
UCHI BELT
Pickle Lake
Albany
River
Trout Lake
Red Lake
Lake St. Joseph
Lac Seul
ENGLISH RIVER BELT
Sioux Lookout
Kenora
Dryden
Lake Nipigon
Lake of the Woods
WABIGOON BELT
Ignace
Longlac
Geraldton
QUETICO BELT
Nipigon
Fort Frances
Atikokan
Terrace Bay
Marathon
WAWA BELT
Thunder Bay
White River
LAKE SUPERIOR
Sault Ste. Marie
LEGEND
Belt Boundaries
PROPERTY
SCALE
40 20 0 40 80 Miles
55°
54°
53°
52°
51°
50°
49°
48°
47°
46°
45°

Figure 1



BAYAURA MINES LTD.
McVICAR LAKE PROPERTIES
SIOUX LOOKOUT
MINING DIVISION, ONT.
GENERAL LOCATION MAP
O.D.M. MAP 2310
FIGURE 2





Scale, 1 inch to 200 miles

N.T.S. reference 53A, 53B, 52O, 52P.

LEGEND

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

Till, clay, sand, gravel.

UNCONFORMITY

PRECAMBRIAN

LATE PRECAMBRIAN

10 *Diabase dikes (Nipissingian)*

INTRUSIVE CONTACT

EARLY PRECAMBRIAN (ARCHEAN)

MAFIC INTRUSIVE ROCKS

9 *Diorite, gabbro anorthosite, gabbroic anorthosite.*

INTRUSIVE CONTACT

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

SYNTECTONIC TO LATE TECTONIC GRANITIC PLUTONS

8 *Unsubdivided.*
8a *Massive, equigranular to porphyritic, quartz monzonite to granodiorite.*
8b *Massive biotite-hornblende monzonite to syenodiorite.*
8c *Massive biotite-hornblende quartz diorite to diorite.*
8d *Massive, equigranular biotite, biotite-hornblende, hornblende-biotite trondhjemite.*
8e *Pegmatite, aplite.*
8f *Mylonitic, biotite and hornblende-biotite trondhjemite to granodiorite.*

INTRUSIVE CONTACT

EARLY TO SYNTECTONIC GRANITIC PLUTONS

7 *Unsubdivided.*
7a *Migmatite predominantely orthogneiss.*
7b *Foliated to gneissic biotite and hornblende biotite trondhjemite to granodiorite.*
7c *Diorite, quartz diorite.*

INTRUSIVE CONTACT

PRETECTONIC GRANITIC PLUTONS

6a *Quartz and/or feldspar porphyry.*
6b *Trondhjemite to quartz monzonite (Bamaji Lake Complex).*

MIGMATITE

5 *Unsubdivided.*
5a *Biotite-quartz-feldspar gneiss (metasedimentary migmatite).*
5b *Hornblende-feldspar-quartz gneiss (metamafic migmatite).*

INTRUSIVE CONTACT

MAFIC TO INTERMEDIATE INTRUSIVE ROCKS

4 *Gabbro, diorite, anorthosite, anorthositic gabbro.*

INTRUSIVE CONTACT

METAVOLCANICS AND METASEDIMENTS

METASEDIMENTS

3 *Unsubdivided.*
3a *Conglomerate.*
3b *Greywacke, quartzite, siltstone.*
3c *Slate, argillite.*
3d *Biotite-quartz-plagioclase schist and gneiss ± hornblende ± sericite ± garnet and associated migmatite.*

FELSIC TO INTERMEDIATE METAVOLCANICS

2 *Unsubdivided.*
2a *Massive, dacite to rhyolite flows.*
2b *Pyroclastic breccias, agglomerate and tuff with some massive porphyritic flow rocks.*

MAFIC TO INTERMEDIATE METAVOLCANICS

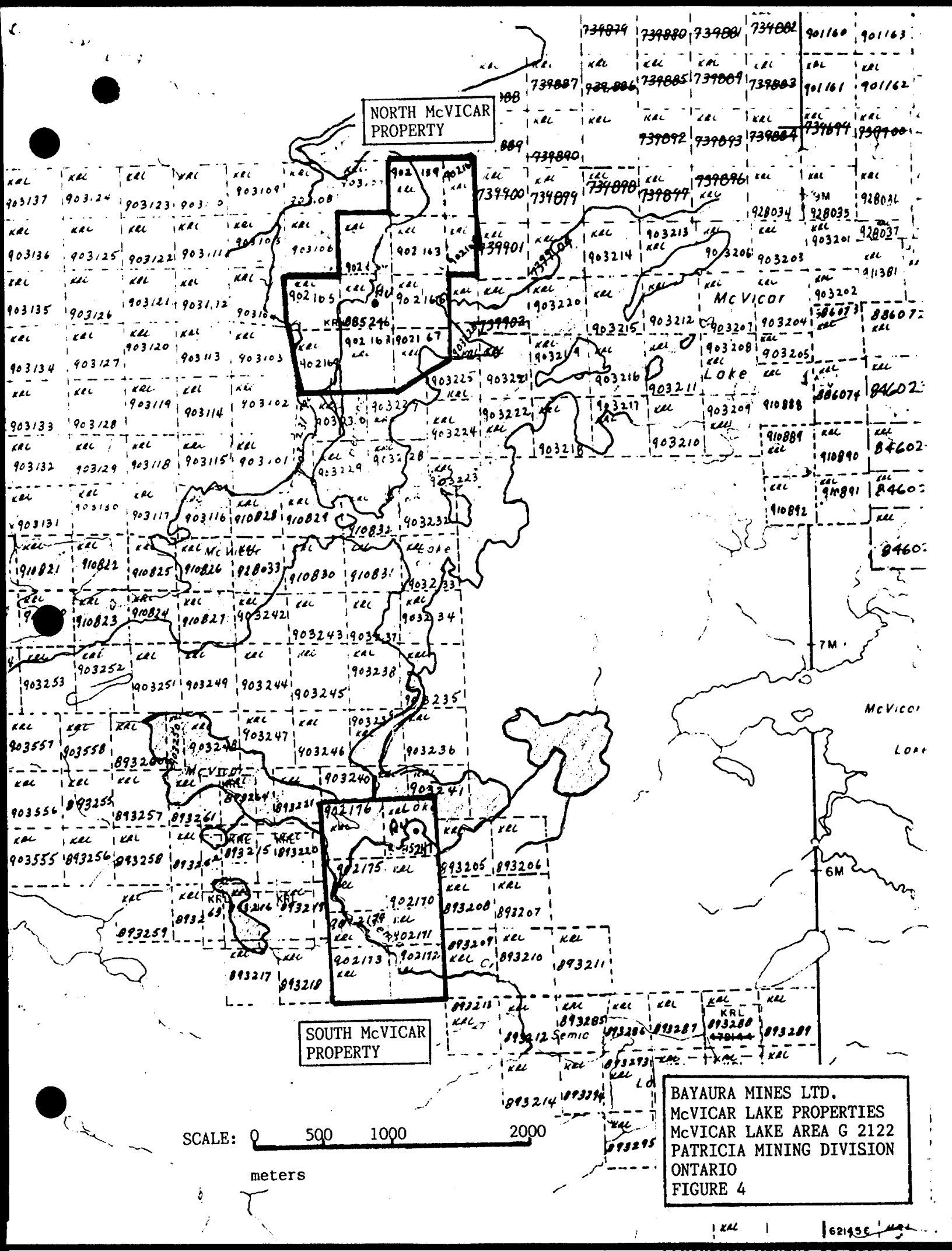
1 *Unsubdivided.*
1a *Massive to foliated basalt to andesite flows.*
1b *Pillowed flows.*

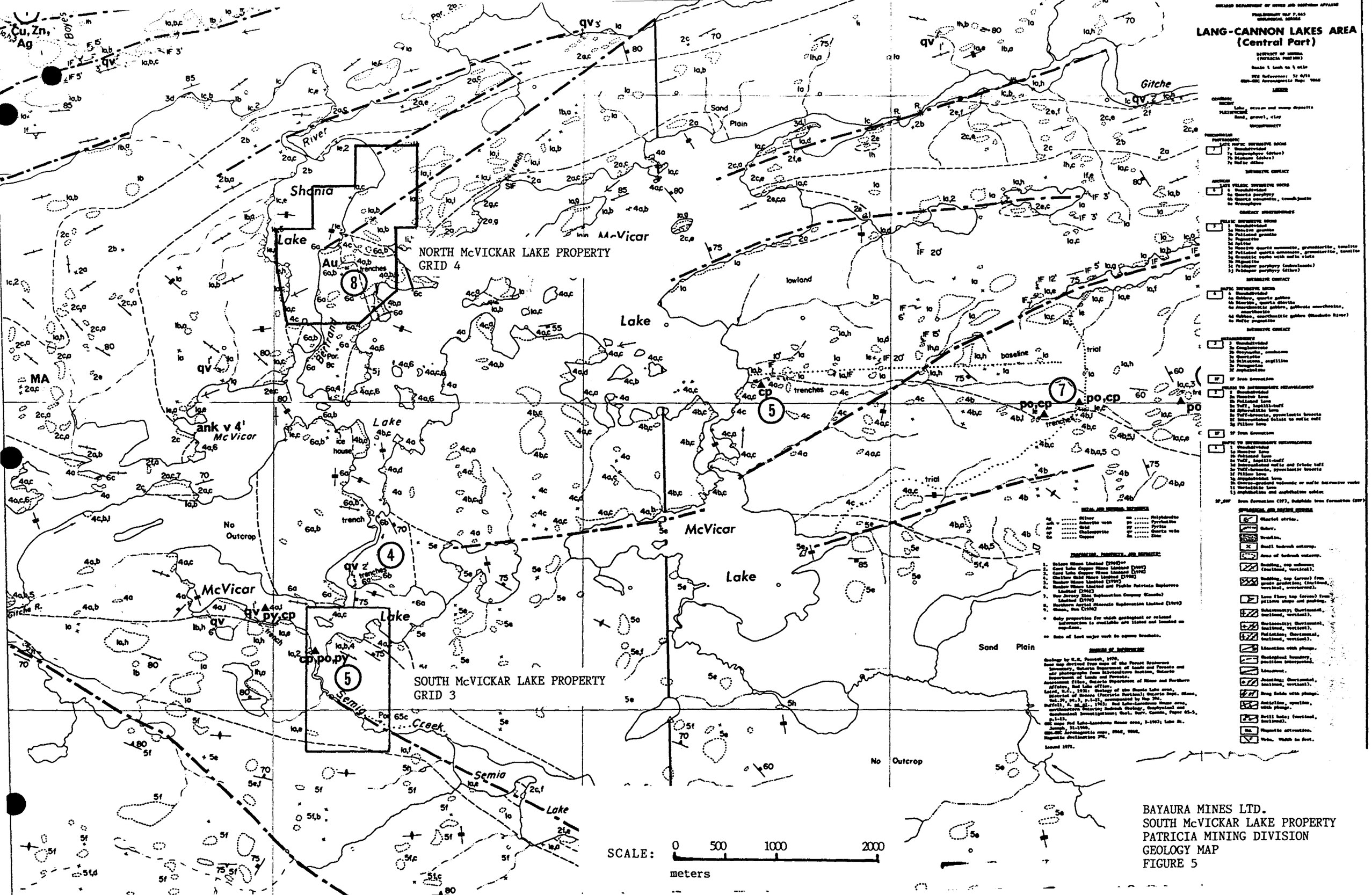
Iron formation.

S *Sulphide mineralization.*

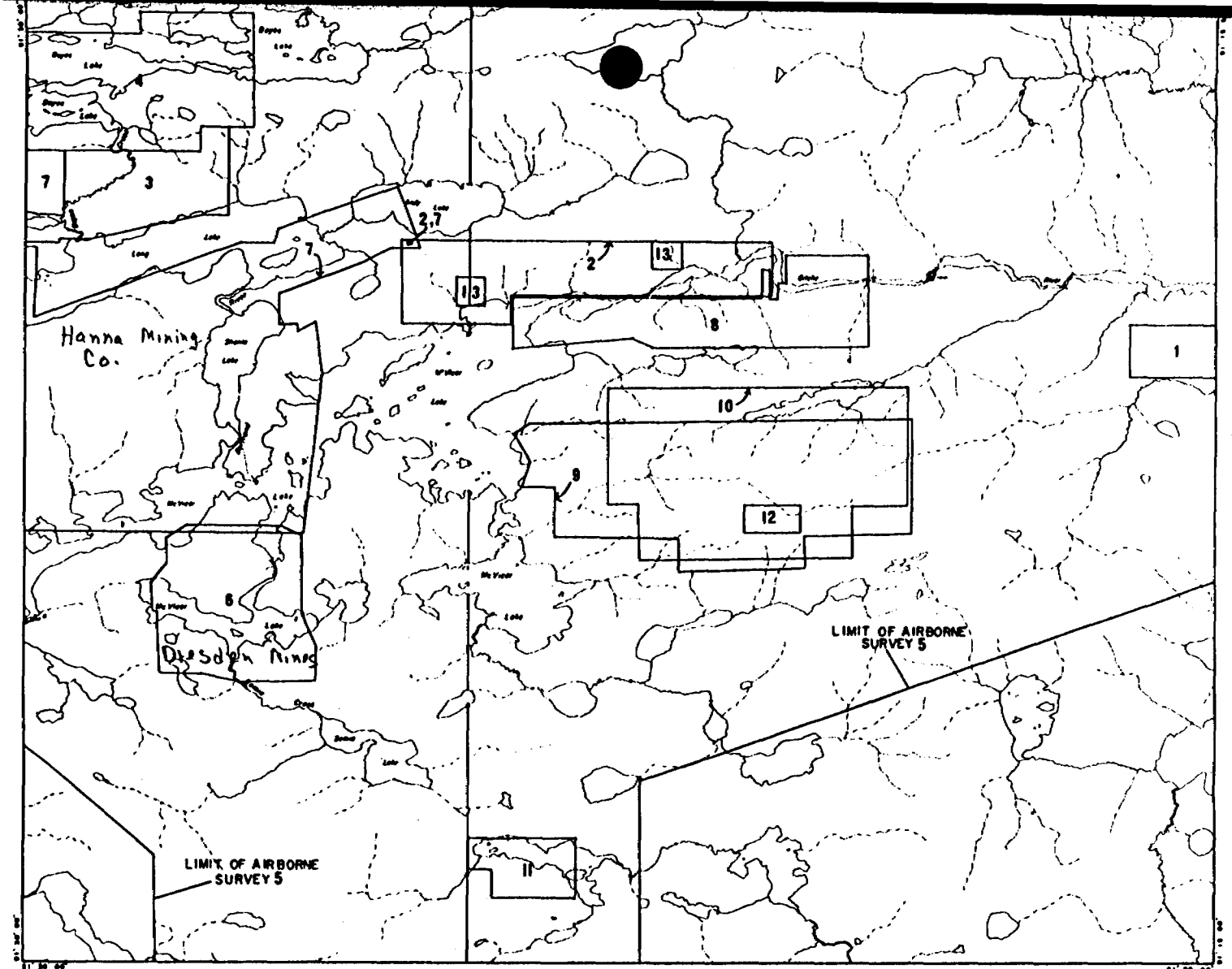
BAYAURA MINES LTD.
McVICAR LAKE PROPERTY
PATRICIA MINING
DIVISION, ONTARIO
GEOLOGY PLAN
O.D.M. MAP 2218
GEOL. COMP. SERIES
FIGURE 3
SCALE: 0 5000 10000
Meters

Adjoins Map 2175 RED LAKE—BIRCH LAKE SHEET


NORTH McVICAR PROPERTY
SOUTH McVICAR PROPERTY
McVICOR Lake
McVICOR
SCALE: 0 500 1000 2000
meters
BAYAURA MINES LTD.
McVICAR LAKE PROPERTIES
McVICAR LAKE AREA G 2122
PATRICIA MINING DIVISION
ONTARIO
FIGURE 4



BAYAURA MINES LTD.
SOUTH McVICKAR LAKE PROPERTY
PATRICIA MINING DIVISION
GEOLOGY MAP
FIGURE 5



DATA LOCATION MAP

Scale 1: 63 360

SYMBOLS

—AM— Airborne Magnetometer Anomaly.

—M— Ground Magnetometer Anomaly.

VEM Ground Electromagnetometer Anomaly. (VEM - Vertical Loop; HEM - Horizontal Loop; VLF - Very Low Frequency; JEM - Crone EM-16).

Gc — Geochemical Anomaly.

SOURCES OF INFORMATION

Compiled by D.A. Panagapko and, J.C. Gibson, 1979, from data on file at the Resident Geologist's Office, Ontario Ministry of Natural Resources, Red Lake.

Base-map derived from Forest Resources Inventory map, Lands and Waters Group, Ontario Ministry of Natural Resources.

Lang-Cannon Lakes Area (Central Part), District of Kenora (Patricia Portion); Ontario Department of Mines and Northern Affairs Preliminary Map P.665, Geological Series, by K.G. Fenwick, 1971.

Mining claim sheet M. 2741.

Fig. 6

DATA FILED WITH THE RESIDENT GEOLOGIST ONTARIO MINISTRY OF NATURAL RESOURCES RED LAKE To March 8, 1979		TYPE OF WORK															
		GEOLOGICAL	DIAMOND DRILLING	CORE SAMPLES	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETOMETER	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETOMETER	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	GRAVITY	GEOCHEMICAL	TRENCHING	OTHERS
1	Amax Exploration, Inc (Cannon Lake Group)							70	70								
2	Amax Exploration, Inc (McVicar Lake Group)							70	70								
3	Belore Mines Ltd.		70 71					69	69								71*
4	Card Lake Copper Mines Ltd.		70					70	70								
5	Cominco Ltd.				72												
6	Dresden Mines Ltd.							72	72								
7	Hanna Mining Co., The (McVicar #1 Property)	72						70, 71	70, 71								
8	Hanna Mining Co., The (McVicar #2 Property)	71	71					71	71								71*
9	Kerr Addison Gold Mines Ltd. (Kenlew Option)			59 62				62	62								62*
10	New Jersey Zinc Exploration Co (Canada) Ltd.	71	71					69	69						69		71*
11	Pickle Patricia Explorers Ltd.	62	62														62*
12	Union Miniere Exploration and Mining Corp Ltd.		73														
13	Union Miniere Exploration and Mining Corp Ltd.		75														

* Assay Results

Note: The numbers on the above list stand for the year when the work was done, e.g., 66 for 1966. On the accompanying DATA LOCATION MAP, only areas for which work was submitted to the Ministry are outlined, and thus a company may hold more ground than indicated here. The numbers on the DATA LOCATION MAP and any circled numbers refer to the company above.

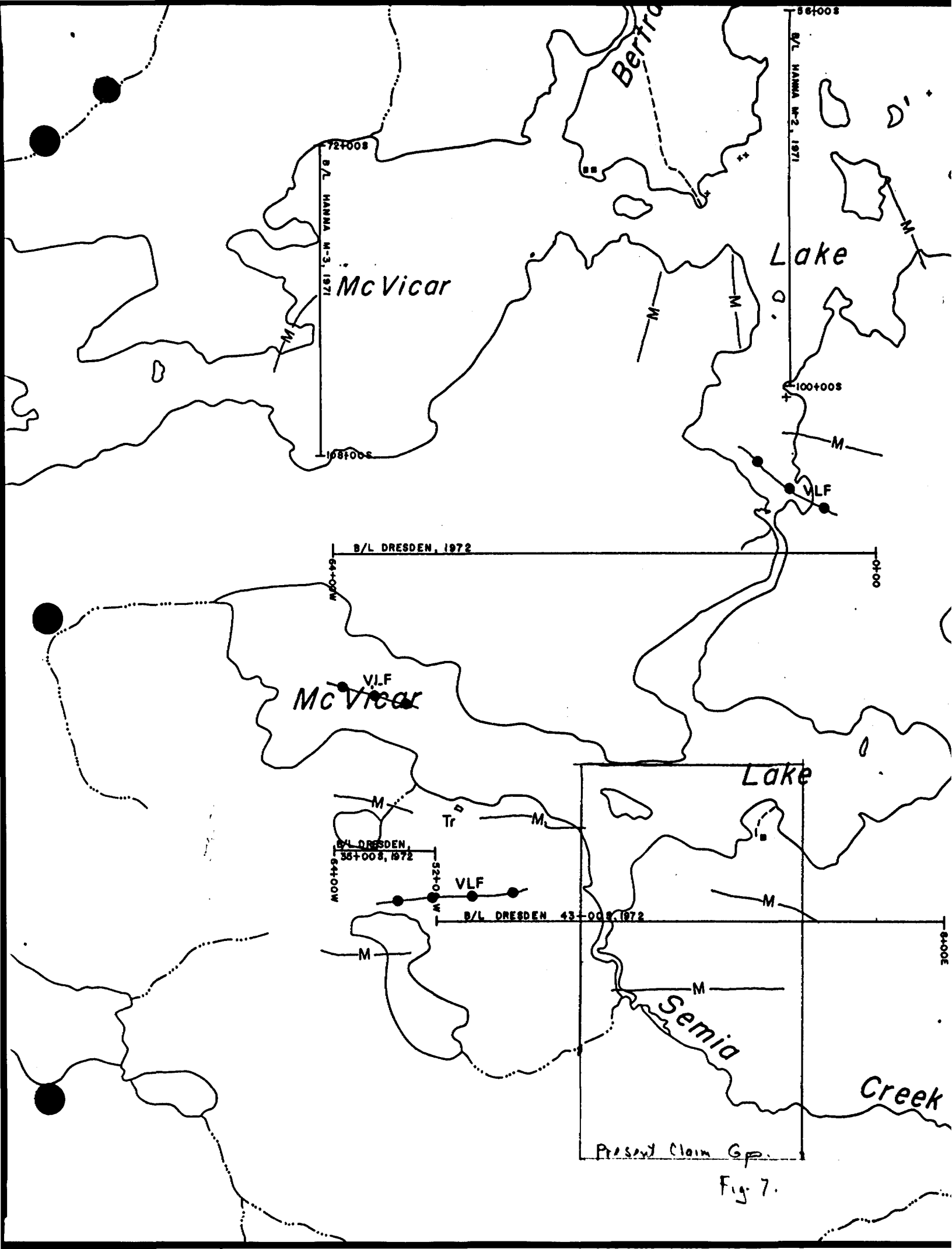
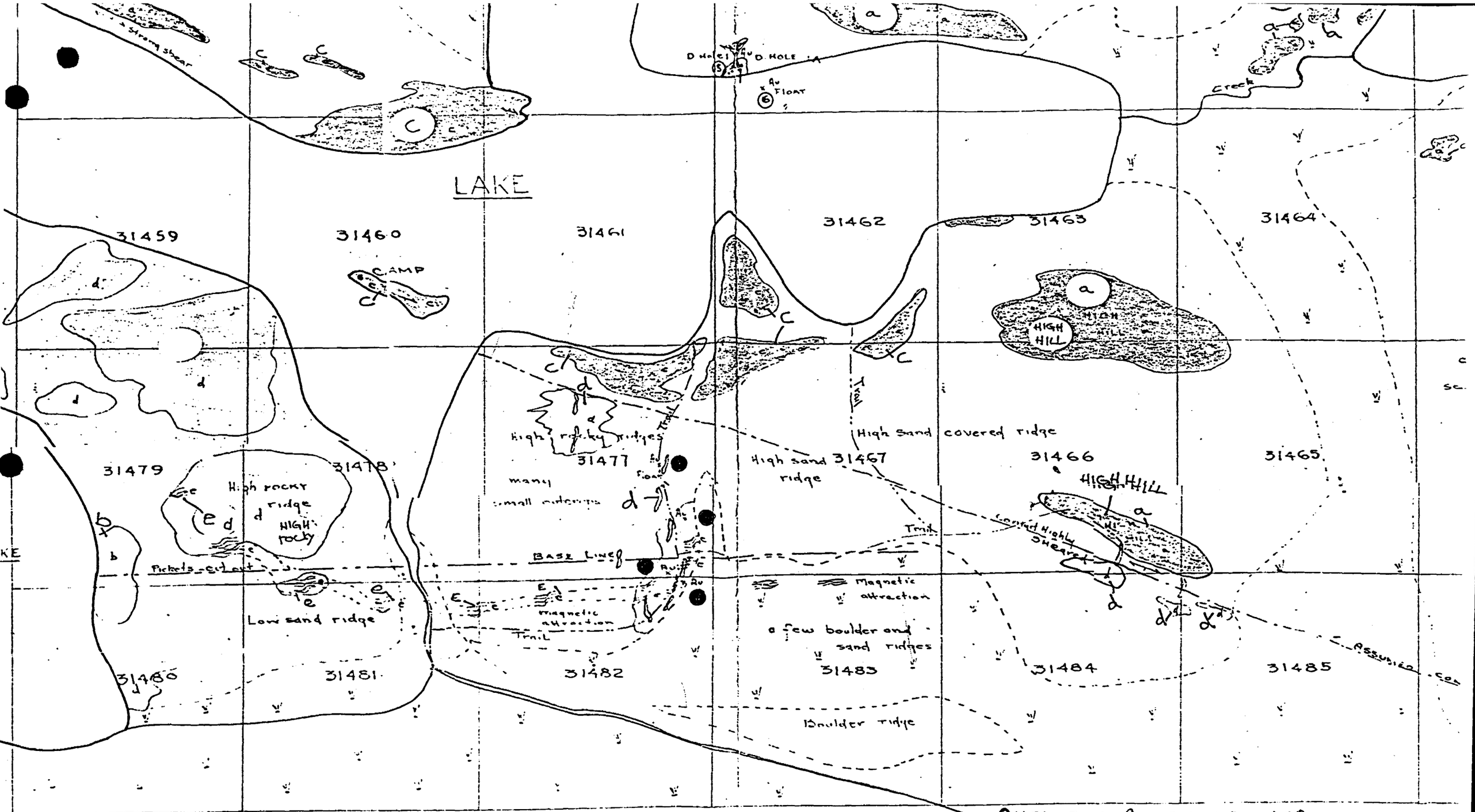

Bertra
B/L HAVANA M-2, 1971
86+00S
D'
72+00S
B/L HAVANA M-3, 1971
McVicar
Lake
D
100+00S
108+00S
M
VLF
B/L DRESDEN, 1972
64+00W
00+00
McVicar
VLF
Lake
Tr
B/L DRESDEN
36+00S, 1972
64+00W
52+00W
VLF
B/L DRESDEN 43+00S, 1972
30+00
Semia
Creek
Present Claim Gp.

Fig. 7.



CHELLEW GOLDMINES LTD.
GEOL PLAN. -1950
M. watts. 1" = 500'

PART II - GENERAL INFORMATION

2.1 INTRODUCTION

This report has been compiled and written to comply with the special provisions for submitting geophysical surveys for assessment work credit under the Government of Ontario; Mining Act; Section 77 - Report of Work.

Independent Exploration Services Ltd. of Winnipeg conducted a line cutting and geophysical total field magnetometer, gradiometer and VLF-EM Surveys on the South McVicar Lake porperty at the request of Mr. O. Baykal, President of Bayaura Mines Ltd. of Calgary. Field work was conducted during the period of February 29 to March 31, 1988.

The grid consisted of 0.7 km. of base lines and 8.8 km. of cut and chained picket lines. The geophysical survey readings were recorded over 8.8 km. of picket lines.

2.2 DESCRIPTION, LOCATION AND ACCESS TO PROPERTY

The South McVicar Lake claim group is comprised of 8 contiguous unpatented mining claims all located in the McVicar Lake Area (claim map G-2121) in the Patricia Mining Division of Ontario.

The claims are recorded under the following claim numbers: Pa 885247 & Pa 902170 to Pa 902176 incl. (8 claims).

The property is located approximately 100 km. W.N.W. of Pickle Lake and is readily accessible by float/ski equipped aircraft.

2.3 PROPERTY OWNERSHIP

The 8 unpatented mining claims Pa 885247 & Pa 902170 to Pa 902176 incl. were staked and recorded by Mr. Norman Lee of Sioux Lookout. These claims are now recorded in the name of Orhan Baykal, Licence No. S 6939.

The claims are presently on extension and a Report of Work has been filed.

2.4 PHYSIOGRAPHY AND VEGETATION

Glacial erosion scoured the Archean terrain to rolling topography of low relief with softer metavolcanics and metasedimentary areas being generally flatter and lower than the more resistant granitic area. Relief on the claim group probably does not exceed 10 - 15 meters. Much of the area is overlain by a thin mantle of glacial debris. A thin layer of recent organic material post dates the glacial debris. The grainage is generally poor and characterized by acidic bogs and shallow lakes and ponds.

The area is covered by the Boreal Forest with the dominant species of trees being black spruce, minor white spruce, jack pine, birch and poplar. Tog alders and "labrador tea" abound in the low wet areas. Out

crop areas are generally sparce and less than 5% of the total area. Most abundant exposure generally occurs along shore lines.

2.5 GENERAL GEOLOGY

The property is located in the Canadian Shield, Uchi Geological Belt. The consolidated rocks of the area are Early Precambrian (Archean) in age and comprise a metavolcanic - metasedimentary assemblage which are tightly isoclinally folded and strike roughly N.W. - S.E. direction in the claim group area.

"The Lang-Cannon Lakes area is underlain by metavolcanics and metasediments that form a narrow belt which is approximately 30 miles long and varies in width from 1/4 to 7 miles.

The metavolcanics are predominantly mafic to intermediate lavas, tuff and amphibolite on the north and south sides of the belt and felsic to intermediate lavas and pyroclastic rocks in the central part of the belt.

The metasediments in the vicinity of Cannon and Card Lakes are up to 3 miles wide. They consist of conglomerate, greywacke, argillite, iron formation, and their derived schists and gneisses. The conglomerate band is 35 chains (2,310 feet) wide west of Cannon Lake.

The metavolcanic-metasedimentary belt is completely surrounded and intruded by granitic rocks.

A stock or sill of gabbro, diorite, anorthosite and anorthositic gabbro extends from the east shore of Sor Lake to 3 miles east of McVicar Lake. Inclusions of gabbro and anorthosite have been found in the mafic

metavolcanics, although there is no evidence these are related to the intrusion.

A stock of gabbro and anorthositic gabbro forms a strong oval-shaped magnetic anomaly (ODM-GSC Aeromagnetic Map (904G) in the vicinity of Otoskwin River.

A quartz porphyry stock, thought to be a high level intrusion, is in the central area of McVicar Lake. This stock seems to be related genetically to the felsic pyroclastic rocks in the area.

Drumlins and drumlinoid ridges, striking S70W, are abundant in the area.

Structural Geology: The major structure in the western part of the area is a syncline that trends about N700E and plunges 40E to 60E. The syncline is isoclinal and its axis is located between Boyes and Lang Lakes. Lack of top determinations in the central part of the area has made it necessary to tentatively place the extension of the fold axis through Card Lake.

Two distinct foliations were noted: one closely parallel to primary features such as bedding and volcanic banding, and one trending approximately N30W and dipping steeply. The latter foliation is related to the quartz porphyry intrusion.

Gneissosity is common in the granitic rocks and is generally parallel to the contact with the metavolcanic-metasedimentary rocks.

Several prominent lineaments were noted."

2.6 LOCAL GEOLOGY

The claim group is located on the S.E. extension of the metavolcanic-metasedimentary belt and on the claim group the belt is mapped as being approximately 1000 meters in width and consists of mafic to intermediate volcanic flows and breccias intruded by mafic sills or dikes. The metavolcanic assemblage is bounded by granitic intrusives to the N.E and S.W.

2.7 ECONOMIC GEOLOGY

O.D.M. Assessment File - 520/11 SW - 0038 - B1,#1

A sketch plan drawn up for Chellew Gold Mines Ltd. (1950) indicate 4 gold occurrences in the central portion of the claim group. The nature and the grade of the samples taken are not known but are presumably available in assessment data.

2.8 HISTORY OF EXPLORATION

Prospecting for gold has been carried on in the area since 1928. The original discovery was made on the east side of Shonia Lake. Results there proved disappointing.

Chellew Gold Mines Ltd. (1950) worked the area in the central south bay of McVicar Lake. Extensive surface prospecting was conducted and seven holes were drilled (787 feet). 4 gold showings are reported in the claim group area.

Kenlew Mines Ltd. (1959) worked the area and drilled 5 holes (1175 feet) to the west of the claim group on a copper showing.

Dresden Mines Ltd. (1972) conducted a ground magnetometer and electromagnetic survey in the area that encompasses the present claim group.

No major mineral occurrences are known to exist on the claim group.

PART III - GEOPHYSICAL SURVEY

3.1 INTRODUCTION

Topographic features and a magnetic compass were utilized in locating the grid position. Picket lines were turned off at right angles from the base line at 100 meter intervals utilizing a "turn off" board or "farmer's transit". All lines were cut to line of sight, chained and picketed at 25 meter intervals.

0.7 km. of base lines and 8.8 km. of picket lines were established. Total field magnetometer, gradiometer and VLF-EM readings were taken along all picketed lines at 12.5 meter intervals.

The results of the surveys are presented as follows:

Map 1). Grid, Property & Topography Map

Map 2). Total Field Magnetometer Survey - Contoured

Map 3). Vertical Gradient Magnetic Survey - Contoured

Map 4). T.F. Magnetic & Gradient Survey - Posted Readings

Map 5). VLF - EM Survey - Profiles

Map 6). VLF - EM Survey - In Phase & Quadrature
- Posted Readings

Map 7). VLF - EM Survey - Total Field Strength
- Posted Readings

Map 8). VLF-EM - Fraser Filter - Contoured

Map 9). Interpretation Map

3.2 METHODS AND PROCEDURES

An EDA OMNI PLUS geophysical system was employed for the survey. This system is designed to read and record total field magnetometer, gradiometer and VLF-EM data simultaneously at one pass. All total field magnetometic field readings have been corrected for diurnal drift automatically by employing a base station.

Base station readings were taken at 30 second intervals. All field readings are recorded on memory banks and dumped directly into a computer and stored on diskettes. The field data is then edited and final maps are computer generated and plotted with the aid of Geosoft Mapping System.

3.3 DISCUSSION OF RESULTS

The VLF-EM Survey results outlined four weak to moderate electromagnetically conductive trends on the property (designated as Zones A to D). None of these trends are considered to be high priority targets.

The magnetometer survey indicates a strong magnetic expression in the central area of the claim group. It is believed to be the response to gabbroic intrusive.

REFERENCES

Fenwick, K.G.

1970: - Lang-Cannon Lake Area (Central Portion) District of Kenora (Patricia Portion); Ontario Dept. Mines Preliminary Map P. 665, Geological Series.

Panagapko, D.A. and

Gibson, J.C.

1980 - McVicar Lake Area, District of Kenora (Patricia Portion) Ontario Geological Survey Preliminary Map P.2026, Red Lake Data Series, Scale 1:15840.

O.G.S. - Assessment File Data

Chillew Mines Ltd.

Ministry of Natural Resources
Ontario

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

DOCUMENT N
W8803-1

52011SW0011 2.11311 MCVICAR LAKE

900

Mining Lands Section

2.11311

Mining Act

— Do not use shaded areas below.

Type of Survey(s): Geophysical-magnetometer, vertical gradiometer & VLF-EM	Township or Area: McVicar Lake G-2122
Claim Holder(s): Orhan Baykal	Prospector's Licence No.: S 6939
Address: 400-805 Eighth Avenue S.W.; Calgary, Alberta; T2P 1H7	
Survey Company: Independent Exploration Services Ltd.	Date of Survey (from & to): 29 02 88 (Day Mo. Yr.) – 31 03 88 (Day Mo. Yr.)
	Total Miles of line Cut: 9.5 km.
Name and Address of Author (of Geo-Technical report): L.C. Chastko; 791 Elmhurst Rd.; Winnipeg, Manitoba; R3R 0V3	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other vert. grad.	20
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED
JUN 22 1988
MINING LANDS SECTION

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.
Pa	885247	60			
	902170	60			
	902171	60			
	902172	60			
	902173	60			
	902174	60			
	902175	60			
	902176	60			

RECEIVED JUN 13 1988 PATRICIA MINING DIVISION

Total number of mining claims covered by this report of work: 8

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: 640	Date Recorded: June 13, 1988	Mining Recorder:
	Date Approved as Recorded: See revised statement.	Branch Director:

Date	Recorded Holder or Agent (Signature)
June 10/88	

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	Date Certified	Certified by (Signature)
L.C. Chastko 791 Elmhurst Rd.; Winnipeg, Manitoba; R3R 0V3	June 10/88	

Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

July 21, 1988

Your file: W8803-162
Our file: 2.11311

Mining Recorder
Ministry of Northern Development and Mines
Court House
P.O. Box 3000
Sioux Lookout, Ontario
POV 2TO

Dear Sir:

Re: Notice of Intent dated July 6, 1988
Geophysical (Electromagnetic & Magnetometer) Survey
submitted on Mining Claims PA 885247 et al
in the Area of McVicar 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,

W.R. Cowan, Manager
Mining Lands Section
Mines & Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUL 22 1988
RECEIVED

AB:pl
Enclosure

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

Resident Geologist
Sioux Lookout, Ontario

Mr. Orhan Baykal
Suite 400
805 Eighth Avenue S.W.
Calgary, Alberta
T2P 1H7

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11311	
Date	Mining Recorder's Report of Work No.
July 6, 1988	W8803-162

Recorded Holder
Orhan Baykal

~~Township or~~ Area
McVicar Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 40 days	PA 885247
Magnetometer 20 days	902170 to 76 inclusive
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.	

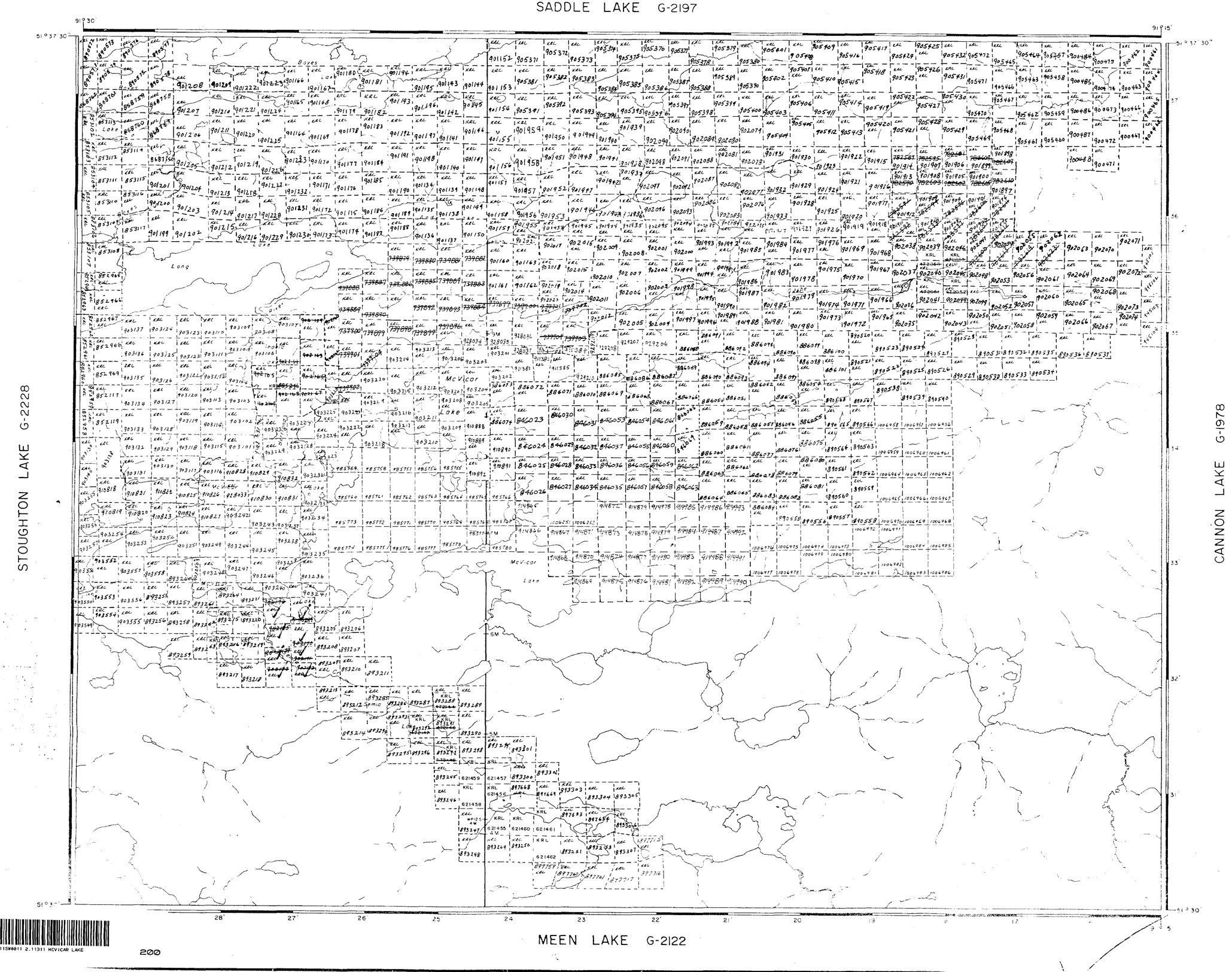
Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

No Gradiometer credits allowed as the survey was done simultaneously with the magnetometer survey.

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; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.



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 ELOGGING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

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	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊘
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MARCH 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 53, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

Feb. 11/87
July 20/87
Aug 5/87

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 400 1000 2000
(1 KM) (2 KM)

AREA

McVICAR LAKE

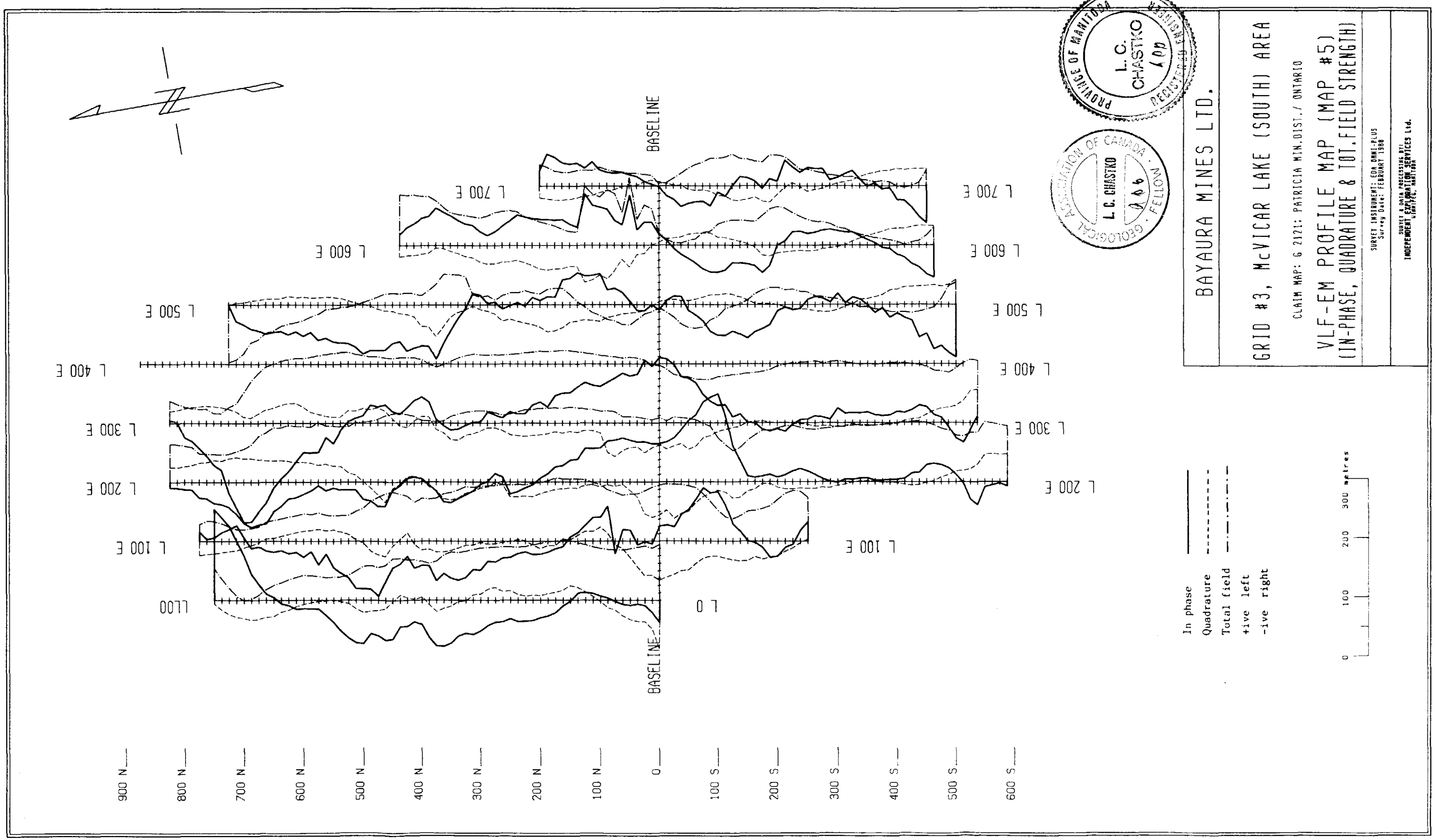
M.N.R. ADMINISTRATIVE DISTRICT
SIOUX LOOKOUT
MINING DIVISION
PATRICIA
LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)

Ministry of Natural Resources — Land Management Branch — Ontario

Date JANUARY, 1984

Number **G-2121**

5159.2



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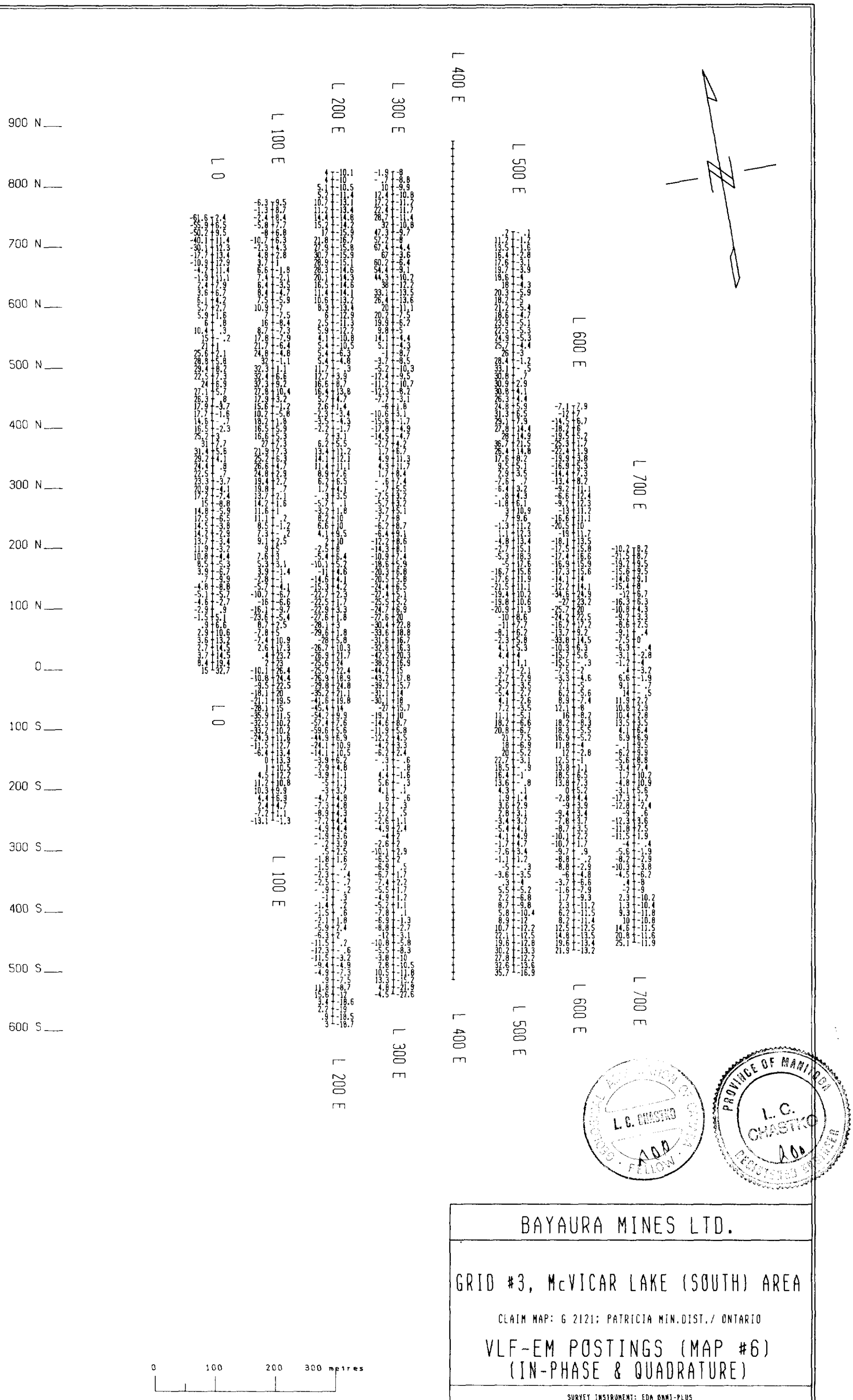

BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

VLF-EM POSTINGS (MAP #6) (IN-PHASE & QUADRATURE)

SURVEY INSTRUMENT: EDA OMNI-PLUS
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

L. C. CHASTKO
FELLOW

PROVINCE OF MANITOBA
L. C. CHASTKO
REGISTERED ENGINEER

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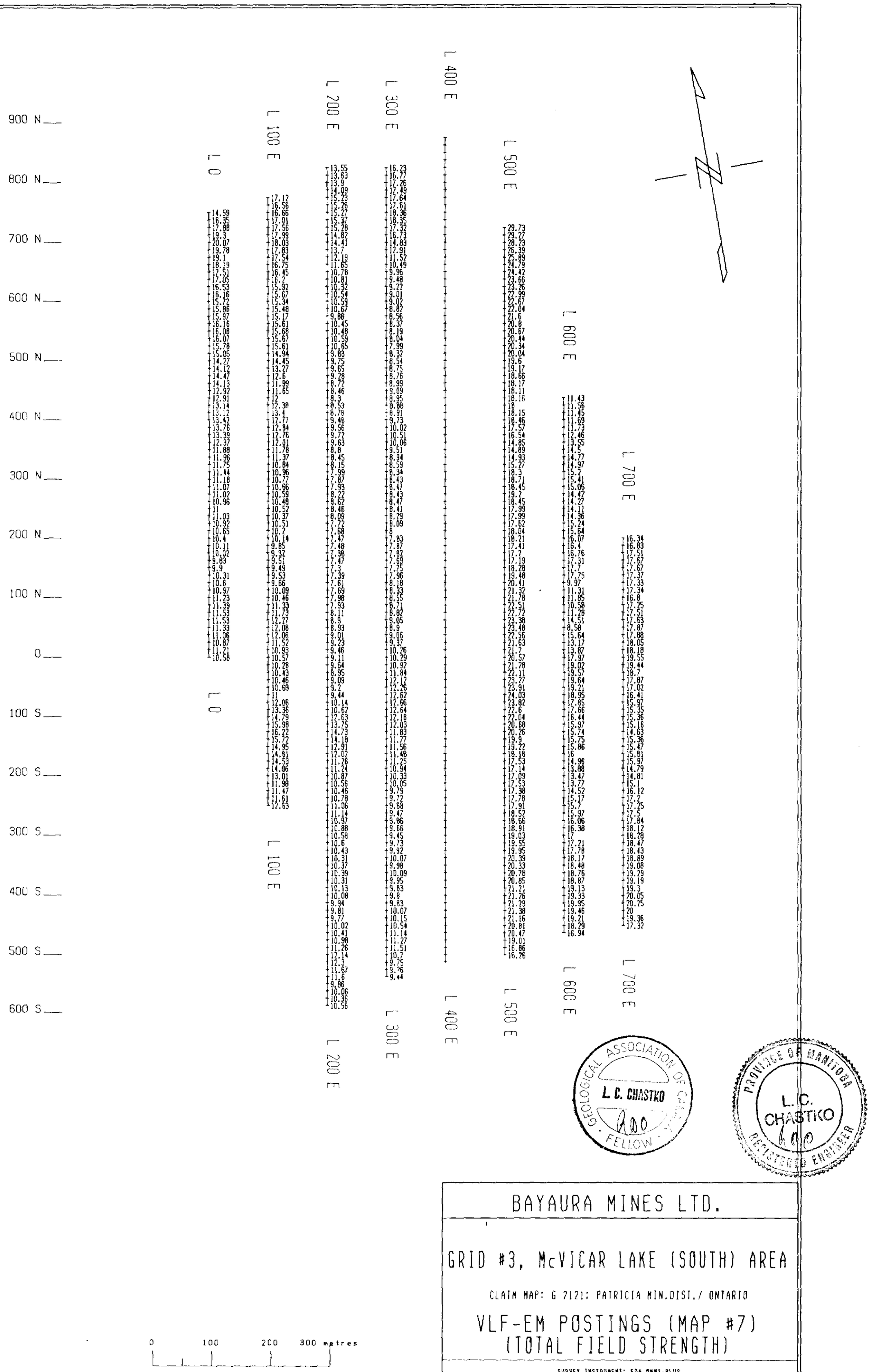
52011SW0011 2.11311 MCVICAR LAKE

220



BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

VLF-EM POSTINGS (MAP #7)
(TOTAL FIELD STRENGTH)

SURVEY INSTRUMENT: EDA OMNI-PLUS
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

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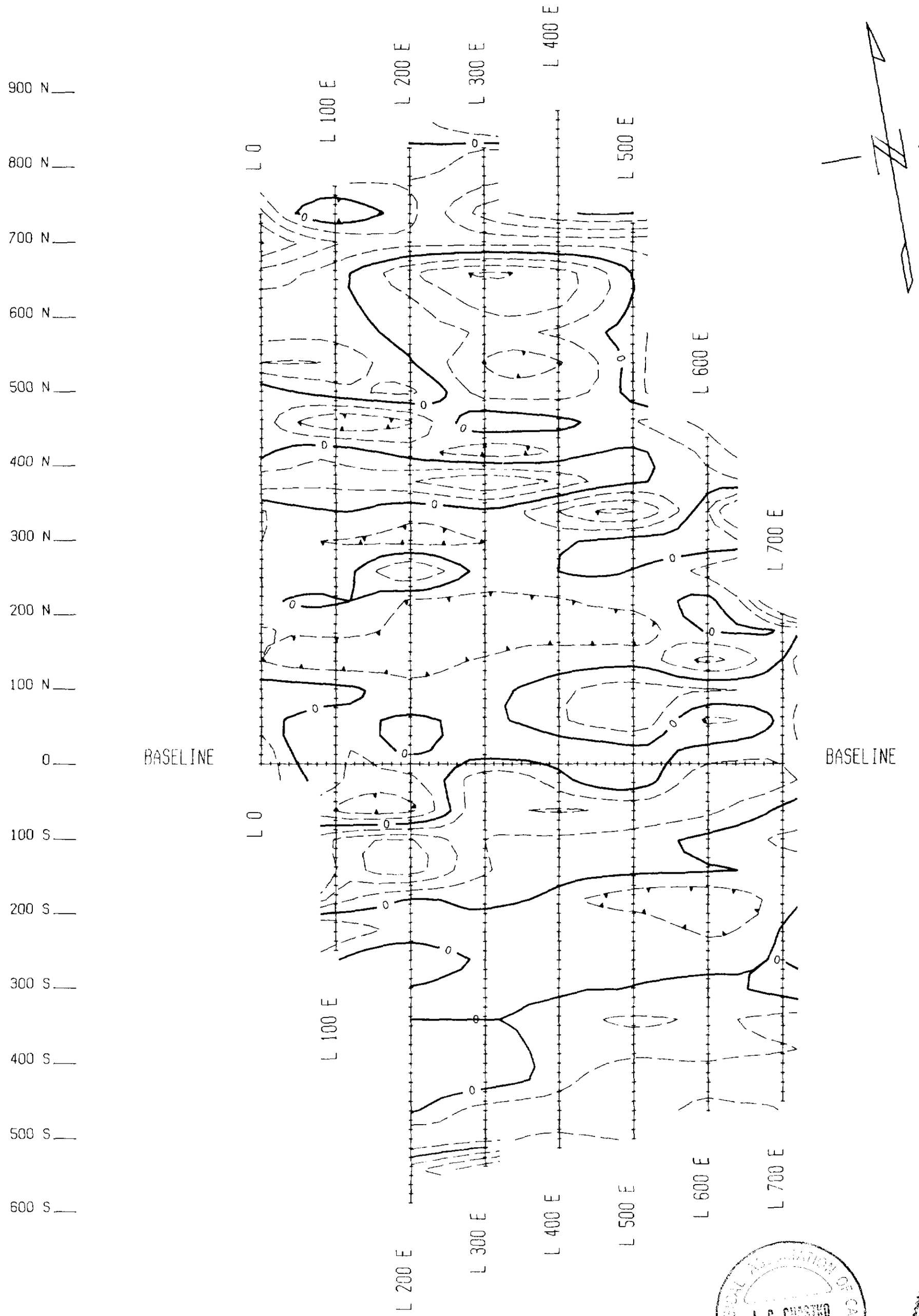
52011SW0011 2.11311 MCVICAR LAKE

230



0 100 200 300 metres

BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

VLF-EM CONTOUR MAP (MAP #8) (IN-PHASE / FRASER FILTER)

SURVEY INSTRUMENT: EDA OMNI-PLUS
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

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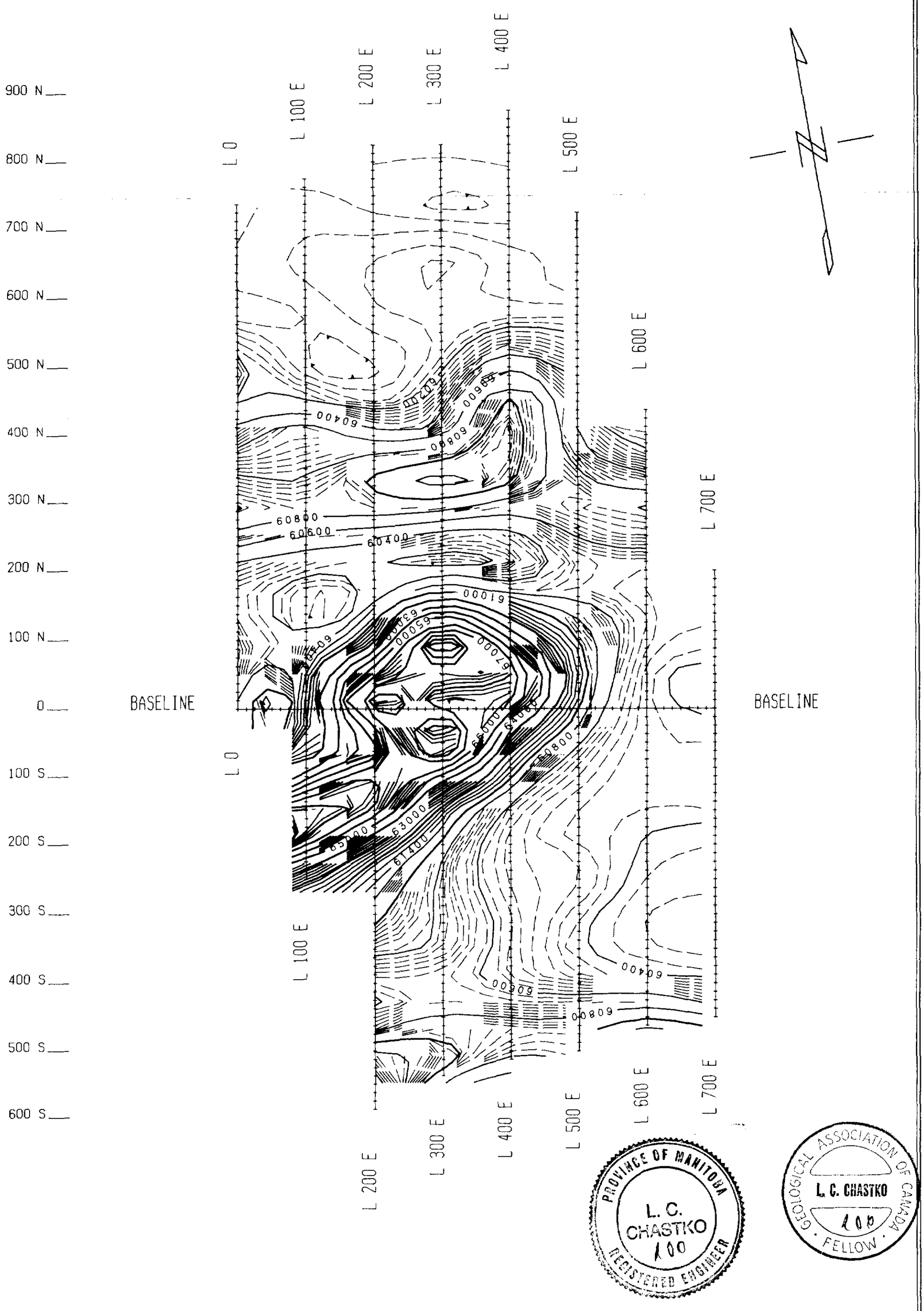

0 100 200 300 metres

BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

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52011SW0011 2.11311 MCVICAR LAKE

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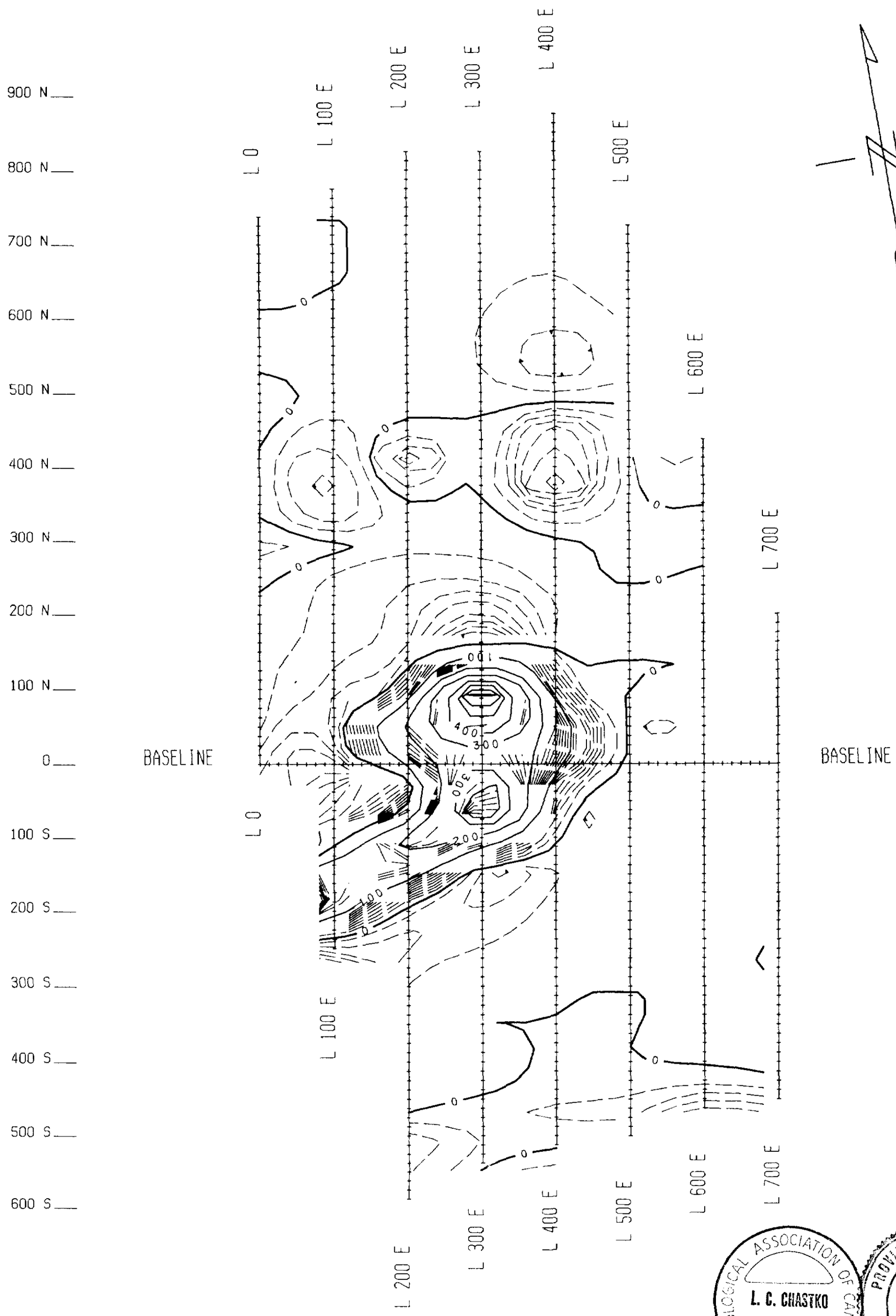
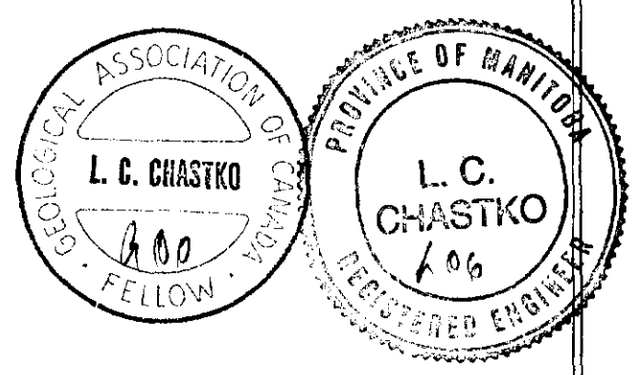




BAYAURA MINES LTD.

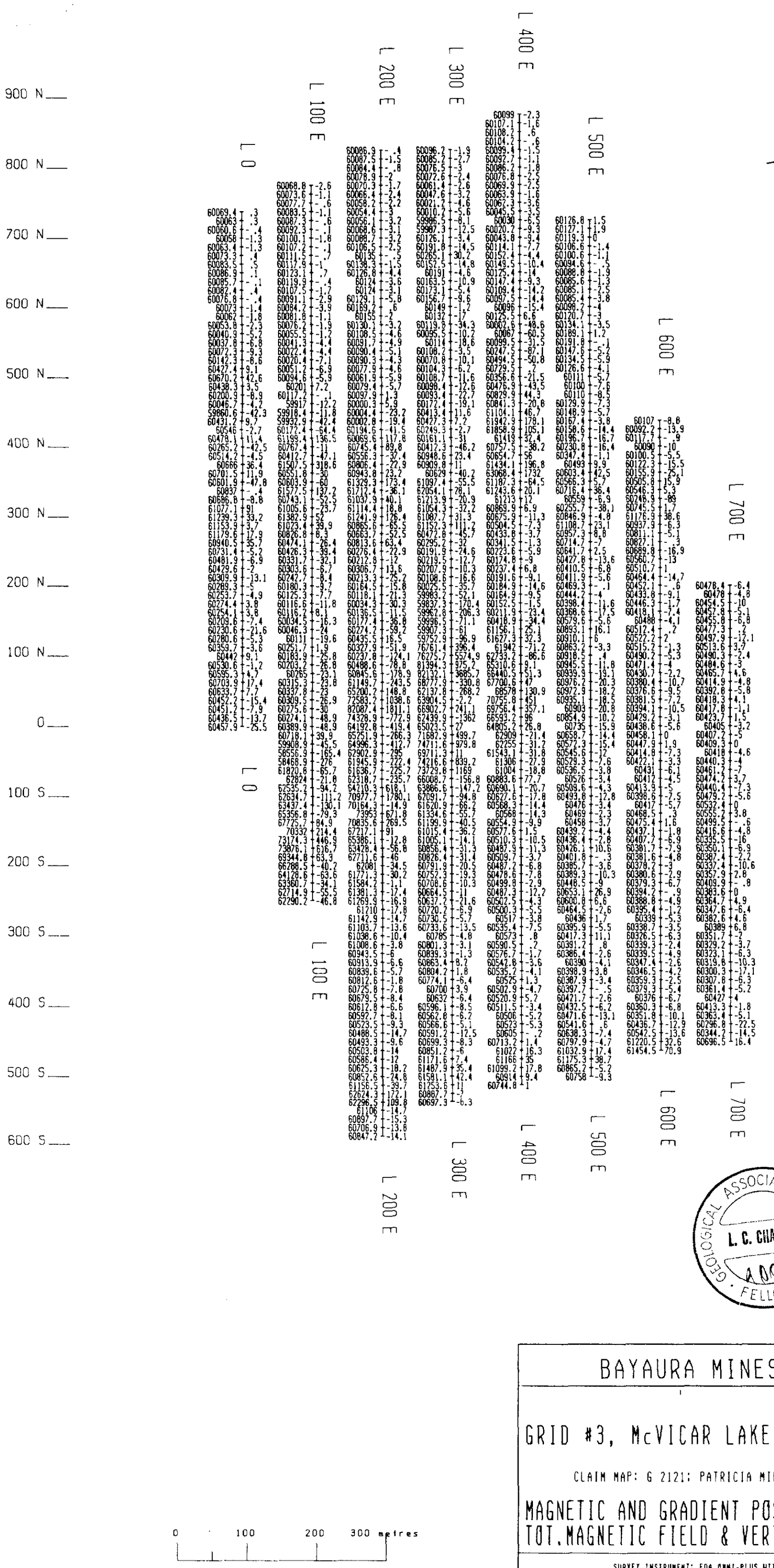
GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

SURVEY INSTRUMENT: EDA OMNI-PLUS
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA



BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

MAGNETIC AND GRADIENT POSTINGS (MAP #4) TOT.MAGNETIC FIELD & VERTICAL GRADIENT)

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
Survey Date: FEBRUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

GEOLOGICAL ASSOCIATION OF CANADA · L. C. CHASTKO · 100 · FELLOW

PROVINCE OF MANITOBA · L. C. CHASTKO · 101 · REGISTERED ENGINEER

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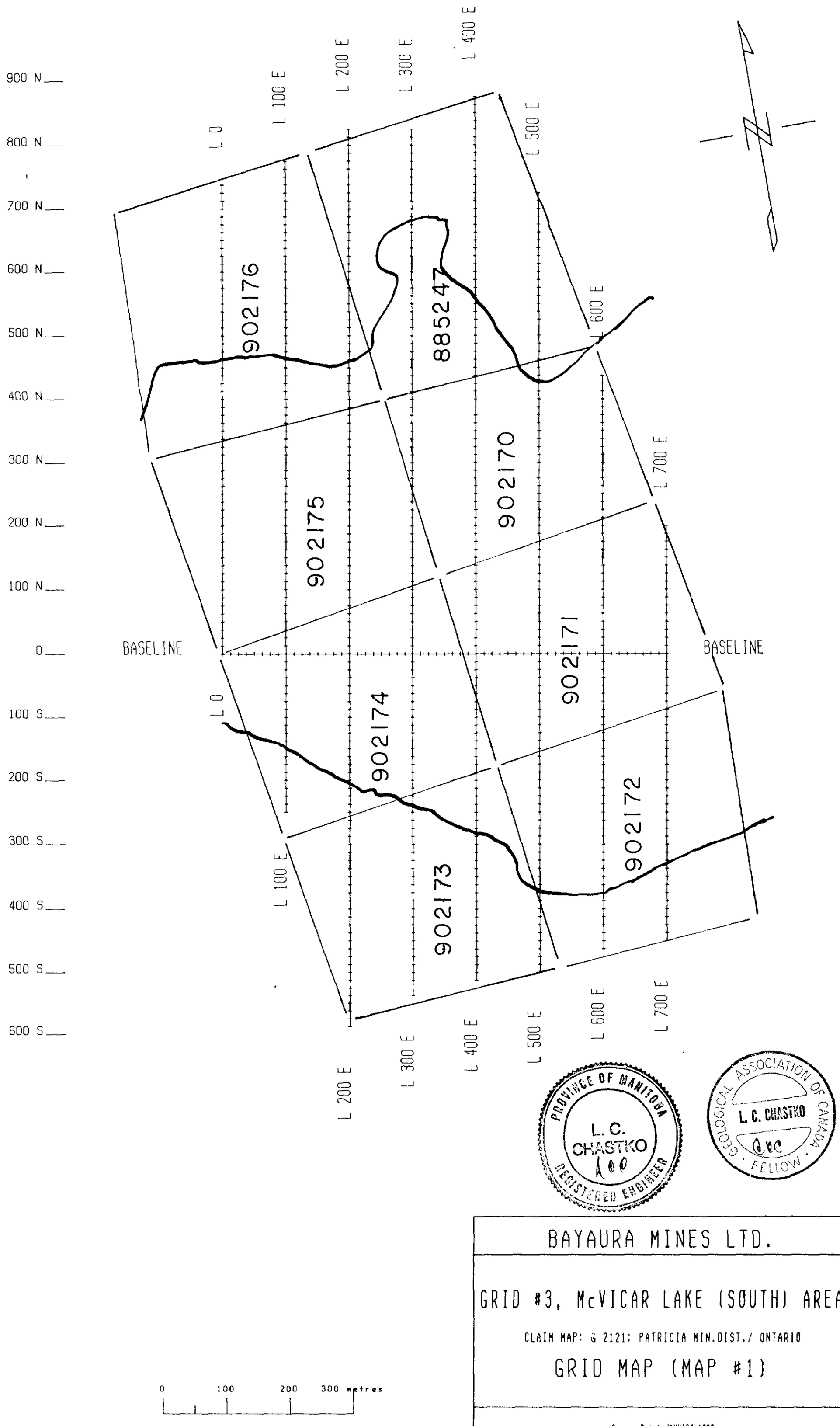
270



BAYAURA MINES LTD.

GRID #3, McVICAR LAKE (SOUTH) AREA

CLAIM MAP: G 2121; PATRICIA MIN.DIST./ ONTARIO

GRID MAP (MAP #1)

Survey Date: JANUARY 1988

SURVEY & DATA PROCESSING BY:
INDEPENDENT EXPLORATION SERVICES Ltd.
WINNIPEG, MANITOBA

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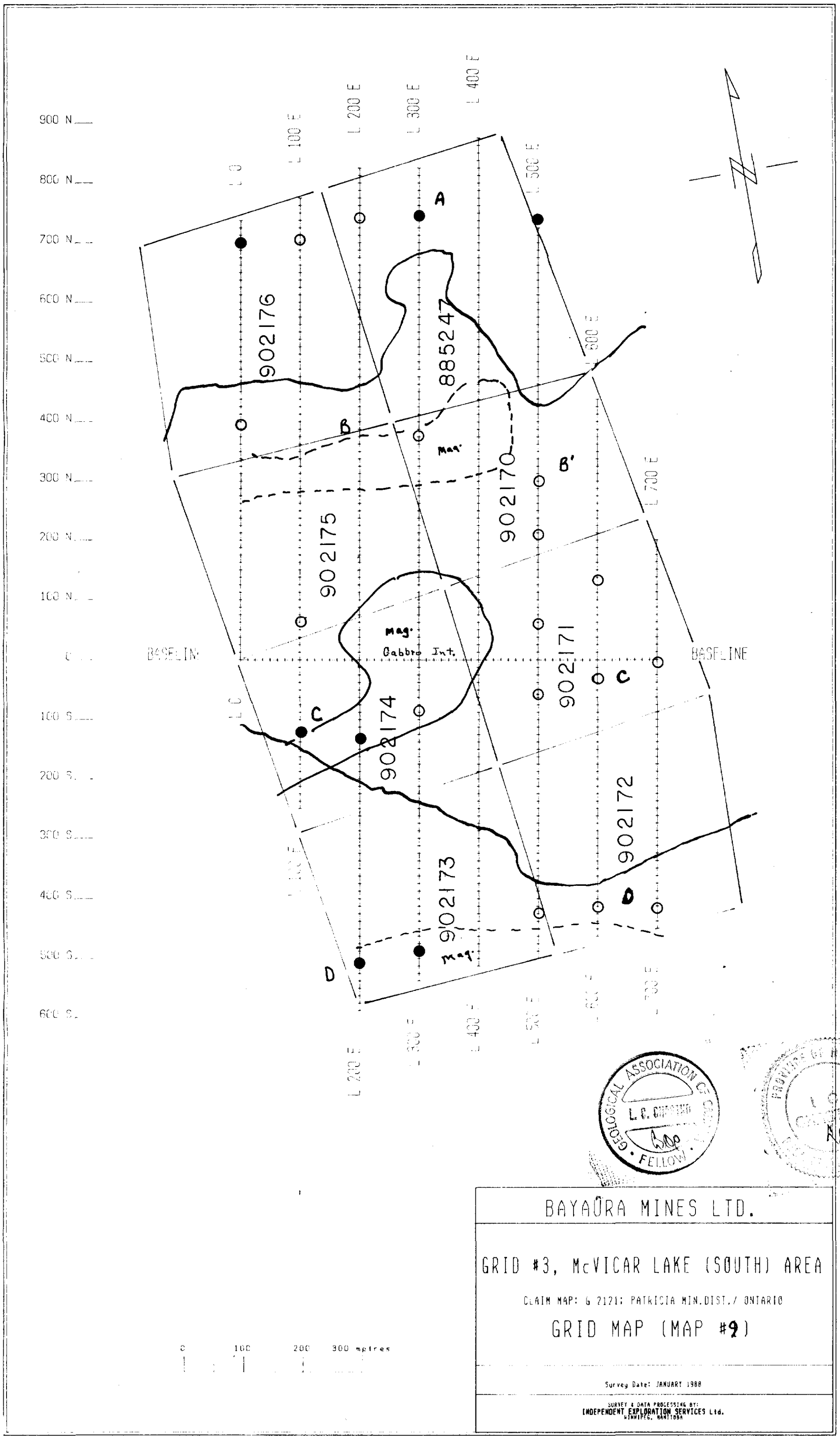

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