



52E10NW9474 2.12298 ECHO BAY

010

**BOND GOLD CANADA INC.**

**Report on a Geology Survey  
Pogson Option Property**

**Claim Nos: K899255 - 259 incl;  
K972946 and K972947;  
K974257 - 286 incl;**

**Shoal Lake, Northwestern Ontario  
Kenora Mining Division  
NTS Sheet No. 52E/108W**

**RECEIVED  
MAR 30 1989  
MINING LANDS SECTION**



52E10NWS474 2.12298 ECHO BAY

010C

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**Report on a Geology Survey  
Pogson Option Property**

**Kenora Mining Division**

**PART A**

**A. INTRODUCTION:**

The following is a report on a mapping survey carried out by BOND GOLD CANADA INC. (formerly St. Joe Canada Inc.) between June 1 - July 5, 1987 on claims K899255-259 incl., K972946 and K972947; K974257-286 inclusive, a part of the Pogson Option Property.

(i) **Property: Description, Location and Access:**

The POGSON OPTION PROPERTY encompasses 52 contiguous unpatented mining claims totalling 841 hectares, located 60km west of Kenora, 10km south of the Trans-Canada Highway, Glass Township in the Shoal-Echo Lakes area of northwestern Ontario. The property is within NTS Quadrangle 52E/10SW and the claims are recorded on the Echo Bay and Toys Twp. claim map G Plan 2616 (see Figures 1 and 2).

Access is afforded by the Clytie Bay road which crosses the property connecting Shoal Lake with the Trans-Canada Highway. A powerline passes through the claims.

All of the claims are registered in the name of:

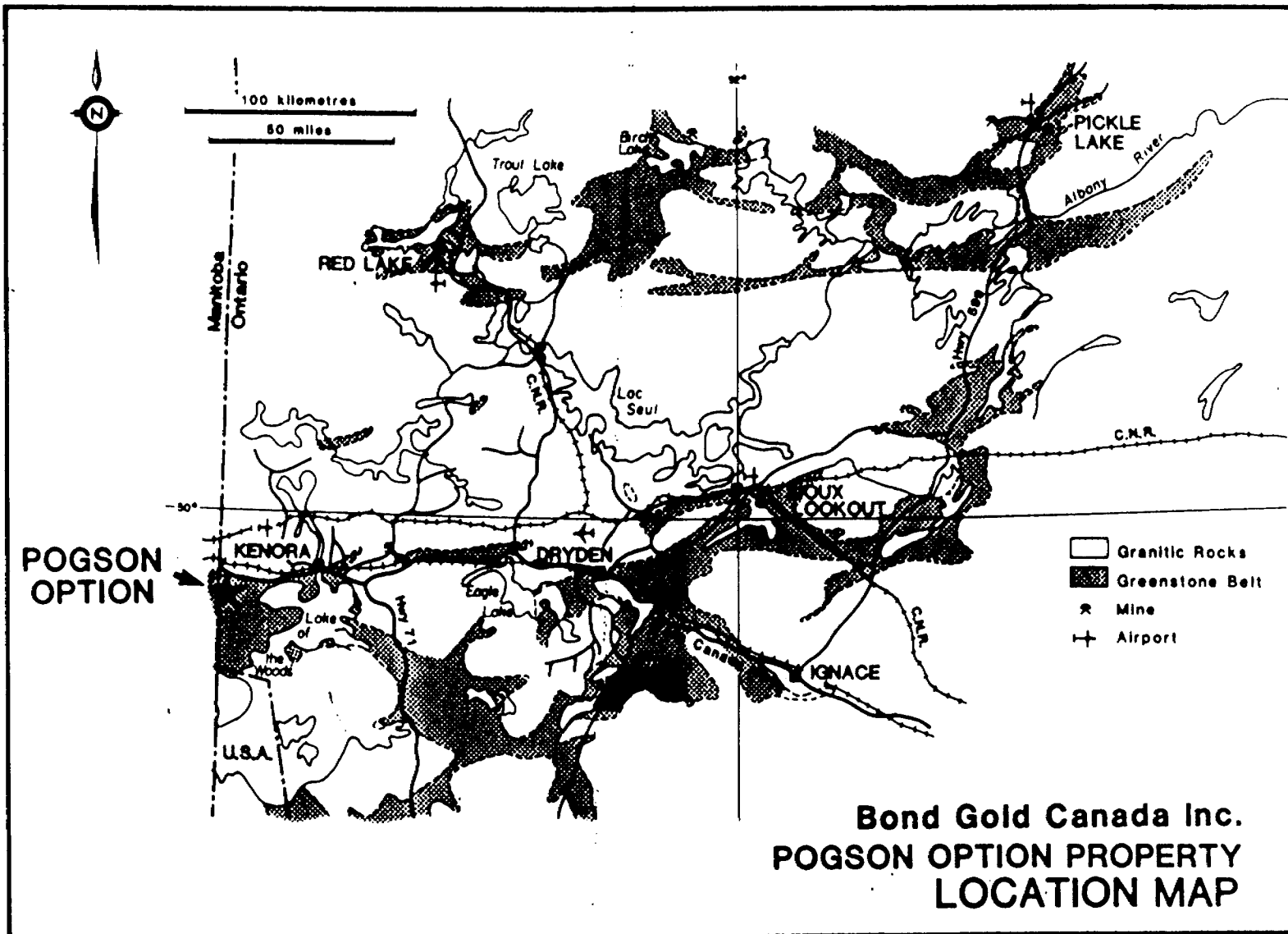
BOND GOLD CANADA INC.  
#1100 - 20 Adelaide Street, East  
Toronto, Ontario  
M5C 2W9

In 1987, the property was optioned from Messrs. Pogson and Currie.

**B. HISTORY:**

Previous work includes trenching and sampling by Mr. Pogson in 1985-86 over a number of known showings on the property. Several short strike length, satellite and formational HLEM conductors with coincident magnetic anomalies were identified over the northern half of the claims by Selco during their 1983 base metal reconnaissance program. A number of the anomalies were drill tested with results unknown. In 1985 Homestake Mineral Development Company carried out an airborne survey which covered the present Pogson property. A number of bedrock conductors were identified and remain to be drill tested.





C. GENERAL GEOLOGY:

The property is located in the western portion of the Wabigoon Sub-province of the Precambrian Shield. It is underlain by a variable, alternating sequence of north-dipping, east-west striking intermediate and felsic calc-alkaline metavolcanic flows and tuffs and narrow clastic sedimentary units which have been intruded by laterally extensive gabbro sills over the northern 1/3 of the property and by a prominent granitoid intrusive in the southeastern portion of the claims. The rocks have been pervasively sheared along the Shoal Lake deformation zone which represents a southwesterly splay off the Crowduck-Witch Bay regional fault zone.

D. MAPPING SURVEY:

The survey was carried out between June 1 - July 5, 1987 by:

Kevin Leonard  
886 Tanager Avenue  
Burlington, Ontario  
L7T 2Y2

Bruce Fagan  
R.R. #4  
Coldwater, Ontario  
LOK 1E0

Pavel Vasak  
8-750 Burnhamthorpe Road  
Mississauga, Ontario  
L4Y 2X3

Karen McInnis  
229 Rusholme Road  
Apt. #101  
Toronto, Ontario  
M6H 2Y9

Jeff McGolrick  
3077 Oliver Road  
Thunder Bay, Ontario  
P7B 6C2

Data from the mapping survey have been plotted on Plans 1 and 2, located in the back pocket of the report.

A baseline oriented at 80° (BSL20N) was cut and picketed at 25m intervals. In addition an overgrown existing grid was re-established and expanded, re-chained in metric and picketed every 25m. The baseline (BSL205) is oriented at 64° and crosslines spaced approximately 122m apart trend at right angles (154°) to the baseline. The survey was completed at a scale of 1:2500.

(i) Pogson Option Claims Geology:

The claims are underlain by a varied sequence of mafic to felsic volcanic flows and tuffs that have been intruded on the north by mafic (e.g. gabbro) intrusive rocks and on the south by a multiphased felsic intrusive (e.g. porphyritic granodiorite, quartz-feldspar porphyry) stock.

Arkose and graphitic cherty argillite represent metasedimentary units which form narrow, repetitious horizons within the felsic volcanic sequence.

Mafic volcanic tuffs and pillowed flows occupy the northern margin as well as the southeast corner of the claims area. These rocks strike between 60° and 85°, dip steeply north and are characterized by a medium to fine-grained, well foliated fabric showing in some cases well developed pillow selvages. The tuffaceous phase of this sequence shows conspicuous light grey lapilli sized fragments set in a chloritized matrix. The mafic flows are commonly sheared to a chlorite-carbonate schist.

Gabbro outcrops along the northern one-third of the claims, forming sharp contacts on the north with mafic flows and tuffs and on the south with felsic pyroclastic rocks. This unit shows excellent lateral extent and has been traced on surface for about 2.8km. It dips steeply north and is periodically well mineralized with pyrite and pyrrhotite along its margins.

The southern two-thirds of the property is dominated by felsic pyroclastic and intrusive rocks. Their similar chemistry together with pervasive shearing (e.g. occupies the northern extension of the Duport deformation zone) makes differentiation of the two assemblages difficult in many areas.

The felsic volcanic rocks consist of bedded rhyolite, dacitic tuffs which are in part porphyritic and are for the most part sheared to a yellow-green coloured, fissile talc-quartz-sericite schist. As mentioned previously, modifying the felsic pyroclastic sequence are narrow bands (e.g. 0.5-5m wide) of cherty argillite that are defined by strong HLEM and VLF-EM responses.

The granodiorite porphyry and its equivalents form prominent, rugged outcrops in the vicinity of the powerline and along the southcentral part of the property. The intrusive shows conspicuous, vitreous quartz eyes (e.g. a few mm in diameter) embedded in medium-grained, light grey-green groundmass. The stock contains local concentrations of pyrite, galena, molybdenite, bismuthinite and rare visible gold.

Gold mineralization on the claims is hosted within sulphidized shear zones (e.g. the Pogson shear zone has been traced 150m) spatially associated along the margin of the granodiorite stock. Additional zones of mineralization have been found along lithological transitions between the gabbro and mafic volcanics and between gabbro and the felsic pyroclastics.

E. RECOMMENDATIONS:

It is recommended that 1,000m of diamond drilling be used to evaluate the gold potential of the Pogson shear zone as well as the favourable contact zone to the east between the granodiorite intrusive and the felsic pyroclastic sequence.

Submitted by:



Kevin Leonard

Toronto, Ontario  
March 27, 1989



SCHEDULE A

K899255  
K899256  
K899257  
K899258  
K899259  
K972946  
K972947  
K974257  
K974258  
K974259  
K974260  
K974261  
K974262  
K974263  
K974264  
K974265  
K974266

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K974271  
K974272  
K974273  
K974274  
K974275  
K974276  
K974277  
K974278  
K974279  
K974280  
K974281  
K974282  
K974283  
K974284  
K974285  
K974286

F. REFERENCES

Davies, J.C., 1978:

Geology of Shoal Lake - Western Peninsula Area, District of Kenora. Ontario Geological Survey Open File Report 5242, 131p.

Davies, J.C., 1965:

Geology of High Lake - Rush Bay Area, District of Kenora. Ontario Geological Survey Open File Report No. 41, 57p.

Davies, J.C. and Smith, P.M., 1984:

The structural and stratigraphic control of gold in the Lake of the Woods area. pp. 185-193, in Summary of Field Work and Other Activities 1984, by the Ontario Geological Survey, edited by John Wood, Owen L. White, R.B. Barlow, and A. C. Colvine, Ontario Geological Survey Miscellaneous Paper 119, 309p.

Smith, L.G., 1923:

Report on the "Mikado" Mine, unpublished report, Regional Geologists Office, Kenora. 20p.

Smith, P.M., 1986:

Duport, a structurally controlled gold deposit in northwestern Ontario, Canada. pp. 197-212, in A.J. Macdonald, ed., Proceedings of Gold '86, and International Symposium on the Geology of Gold: Toronto, 1986. 517p.

Smith, P.M. and Thomas, D.A., 1986:

Interrelationship of gold mineralization and the Canoe Lake stock, northwestern Lake of the Woods area. pp. 242-252, in Summary of Field Work and Other Activities 1986, by the Ontario Geological Survey, edited by P.C. Thurston, Owen L. White, R.B. Barlow, M.E. Cherry, and A.C. Colvine, Ontario Geological Survey Miscellaneous Paper 132, 435p.

Certificate

I, Kevin Leonard, of the City of Burlington, Province of Ontario, do hereby certify that:

1. I reside at 886 Tanager Avenue, Burlington, Ontario.
2. I have worked as a geologist for the last nine years.
3. I am a graduate of McMaster University with an Honours Degrees (1978) in Geology.
4. I am a member of the Prospectors and Developers Association of the Canadian Institute of Mining and Metallurgy, and of the Geological Association of Canada.
5. I helped carry out the geological survey. The map preparation was done under my supervision. I have written the report.

  
Kevin Leonard

DATED AT TORONTO this 27th day of March, 1989.



52E10NW9474 2.12298 ECHO BAY

900

#8901-36

Type of Survey(s): **Geological**  
 Claim Holder(s): **2.12298**  
 Address: **Bond Gold Canada Inc**  
**1100-20 Adelaide St E Toronto Ontario M5C 2T6**  
 Survey Company: **Bond Gold Canada Inc.**  
 Name and Address of Author (of Geo Technical report): **Kevin Leonard 886 Tanager Avenue Burlington Ontario L7T 2Y2**  
 Township of Area: **Echo Bay/Boys**  
 Prospector License No: **T-3608**  
 Date of Survey (from & to): **01 01 87 29 07 87**  
 Total Miles of line Cut: **32**

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend Days Cr.	Prefix	Mining Claim Number	Expend Days Cr.
K	974257		K	974279	
	974258			974280	
	974259			974281	
	974260			974282	
	974261			974283	
	974262			974284	
	974263			974285	
	974264			974286	
	974265			899256	
	974266			899255	
	974267			899257	
	974268			899258	
	974269			899259	
	974270			972946	
	974271			972947	
	974272				
	974273				
	974274				
	974275				
	974276				
	974277				
	974278				

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claims:

Calculation of Expenditure Days Credits

Total Expenditures:  ÷  =

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.

Date: **Jan 24/89**  
 Recorder Holder or Agent (Signature): *Kevin Leonard*

Certification: Verifying Report of Work

899255

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

For Office Use Only

Total Days Cr. Date Recorded: **89 Feb 6**  
 Recorder: *Scott Revitt*  
 Date Approved as Recorded: **1480**  
 Branch Director: *See Revis Statement*

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: **Kevin Leonard 886 Tanager Ave Burlington Ont L7T 2Y2**



GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL  
TECHNICAL DATA STATEMENT

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

Type of Survey(s) Geological

Township or Area Echo and Boys Tp G2616

Claim Holder(s) Bond Gold Canada Inc.

Survey Company Bond Gold Canada Inc.

Author of Report Kevin Leonard

Address of Author 886 Tanager Avenue, Burlington, Ontario

Covering Dates of Survey June 1 - July 5, 1987  
(linecutting to office)

Total Miles of Line Cut 30

**MINING CLAIMS TRAVERSED**  
**List numerically**

See Schedule A Attached.....  
(prefix) (number)

**SPECIAL PROVISIONS**  
**CREDITS REQUESTED**

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

ENTER 20 days for each  
additional survey using  
same grid.

	<b>DAYS</b>
Geophysical	per claim.
-Electromagnetic	_____
-Magnetometer	_____
-Radiometric	_____
-Other	_____
Geological	<u>40</u>
Geochemical	_____

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

Magnetometer \_\_\_\_\_ Electromagnetic \_\_\_\_\_ Radiometric \_\_\_\_\_  
(enter days per claim)

DATE: March 25, 1989 SIGNATURE: *[Signature]*  
Author of Report or Agent

Res. Geol. \_\_\_\_\_ Qualifications 2.5133

**Previous Surveys**

File No.	Type	Date	Claim Holder

**TOTAL CLAIMS** 37

If space insufficient, attach list

# GEOPHYSICAL TECHNICAL DATA

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

Number of Stations \_\_\_\_\_ Number of Readings \_\_\_\_\_

Station interval \_\_\_\_\_ Line spacing \_\_\_\_\_

Profile scale \_\_\_\_\_

Contour interval \_\_\_\_\_

## MAGNETIC

Instrument \_\_\_\_\_

Accuracy – Scale constant \_\_\_\_\_

Diurnal correction method \_\_\_\_\_

Base Station check-in interval (hours) \_\_\_\_\_

Base Station location and value \_\_\_\_\_

## ELECTROMAGNETIC

Instrument \_\_\_\_\_

Coil configuration \_\_\_\_\_

Coil separation \_\_\_\_\_

Accuracy \_\_\_\_\_

Method:  Fixed transmitter  Shoot back  In line  Parallel line

Frequency \_\_\_\_\_  
(specify V.L.F. station)

Parameters measured \_\_\_\_\_

## GRAVITY

Instrument \_\_\_\_\_

Scale constant \_\_\_\_\_

Corrections made \_\_\_\_\_

Base station value and location \_\_\_\_\_

Elevation accuracy \_\_\_\_\_

## INDUCED POLARIZATION RESISTIVITY

Instrument \_\_\_\_\_

Method  Time Domain  Frequency Domain

Parameters – On time \_\_\_\_\_ Frequency \_\_\_\_\_

– Off time \_\_\_\_\_ Range \_\_\_\_\_

– Delay time \_\_\_\_\_

– Integration time \_\_\_\_\_

Power \_\_\_\_\_

Electrode array \_\_\_\_\_

Electrode spacing \_\_\_\_\_

Type of electrode \_\_\_\_\_

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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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SCHEDULE A

K899255  
K899256  
K899257  
K899258  
K899259  
K972946  
K972947  
K974257  
K974258  
K974259  
K974260  
K974261  
K974262  
K974263  
K974264  
K974265  
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K974277  
K974278  
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K974280  
K974281  
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K974283  
K974284  
K974285  
K974286



Recorded Holder  
**BOND GOLD CANADA INC.**

Township or Area  
**ECHO BAY AREA / BOYS TOWNSHIP**

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>40</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K 974257 to 259 incl. 974261-262 974264 974268 to 271 incl. 974273 to 286 incl. 899255 to 259 incl. 972946

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

30 days geological K 974260 974263 974265 974267 972947	20 days geological K 974266 974272
--	--

**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.



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

May 8, 1989

Mining Recorder  
Ministry of Northern Development and Mines  
808 Robertson Street  
P.O. Box 5200  
Kenora, Ontario  
P8N 3X9

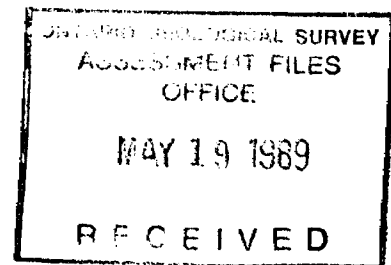
Dear Sir:

Re: Notice of Intent dated April 5, 1989 Geological  
Survey submitted on Mining Claims K 974257 et al  
in the Echo Bay Area, and Boys Township.

Mining Lands Section  
3rd floor, 880 Bay Street  
Toronto, Ontario  
M5S 1Z8

Telephone: (416) 965-4888

Your file: W 8801-36  
Our file: 2. 12298



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,

A handwritten signature in cursive script, appearing to read "W.R. Cowan", followed by a horizontal line.

W.R. Cowan  
Provincial Manager, Mining Lands  
Mines & Minerals Division  
R.m.  
RM:eb  
Enclosure

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

K. Leonard  
Burlington, Ontario

Resident Geologist  
Kenora, Ontario

Bond Gold Canada Inc.  
Toronto, Ontario

2.122 98

W8901.36

974257	/	899256	✓
974258	/	899255	✓
974259	/	899257	✓
974260	☉ -1/4	899258	✓
974261	/	899259	/
974262	/	972946	/
974263	-1/4	972947	-1/4
974264	<del>1/4</del>		
974265	-1/4		
974266	-1/2		
974267	-1/4		
974268	/		
974269	/		
974270	/		
974271	/		
974272	-1/2		
974273	/		
974274	/		
974275	/		
974276	/		
974277	/		
974278	/		
974279	/		
974280	/		
974281	/		
974282	-		
974283	/		
974284	/		
974285	/		
974286	/		

NOTES

RESERVE FLOODING RIGHTS TO CONTOUR 1064' ON ALL LANDS BORDERING ON LAKE OF THE WOODS.

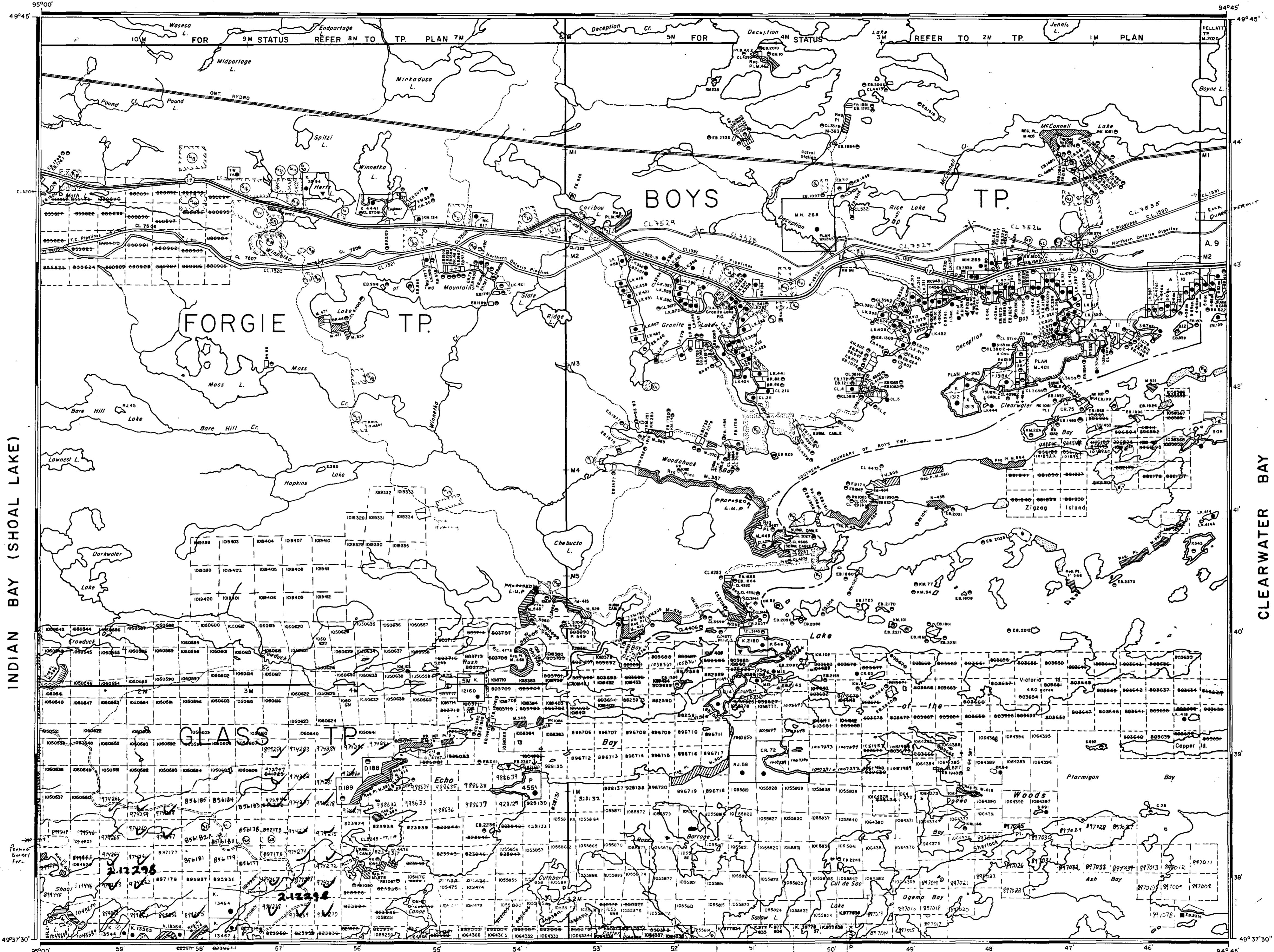
400' SHOWN THUS S.R.O. RESERVED TO M.N.R. FILE 163473

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
M.N.R. RESERVE	S.R.O.	77094 vol.5		
CROWN RESERVE	S.R.O.	163473		
M.T.C. RESERVE	S.R.O.	83811		
CROWN RESERVE	S.R.O.	163473		
PUBLIC RESERVE	S.R.O.	122182		
CROWN RESERVE	S.R.O.	77094 vol.6		
CROWN RESERVE	S.R.O.	163473 vol.1		
CROWN RESERVE	S.R.O.	163473 vol.2		
TOWER RESERVE	S.R.O.	99852		
CROWN RESERVE	S.R.O.	179645		
SEC. 43/70	M.85/76	19/11/76	S.R.O.	188521
SEC. 36/80	M.20/83	9/8/83	M.D.S.	188521
SEC. 36/80	M.2/85	21/8/85	M.D.S.	18855
SEC. 36/80	M.63/86	13/8/86	M.D.S.	18855
PUBLIC RESERVE				

BRODERICK TP

GIDLEY TP



LEGEND

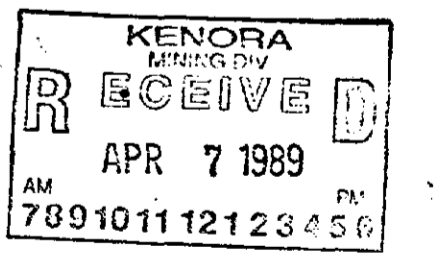
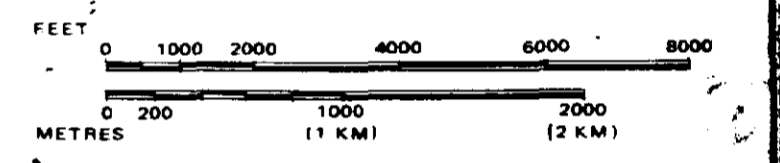
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES: TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES: LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATION
- 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	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS

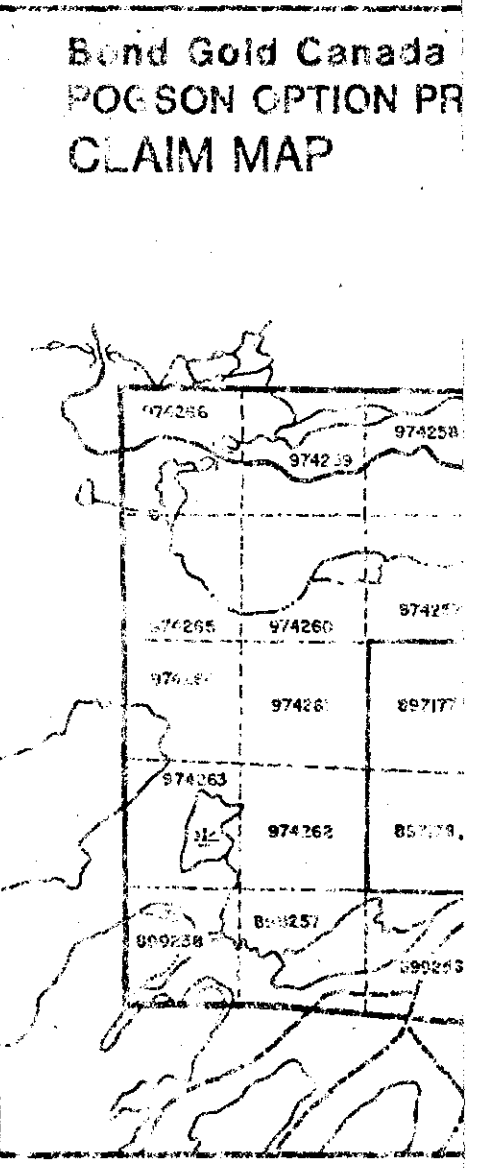
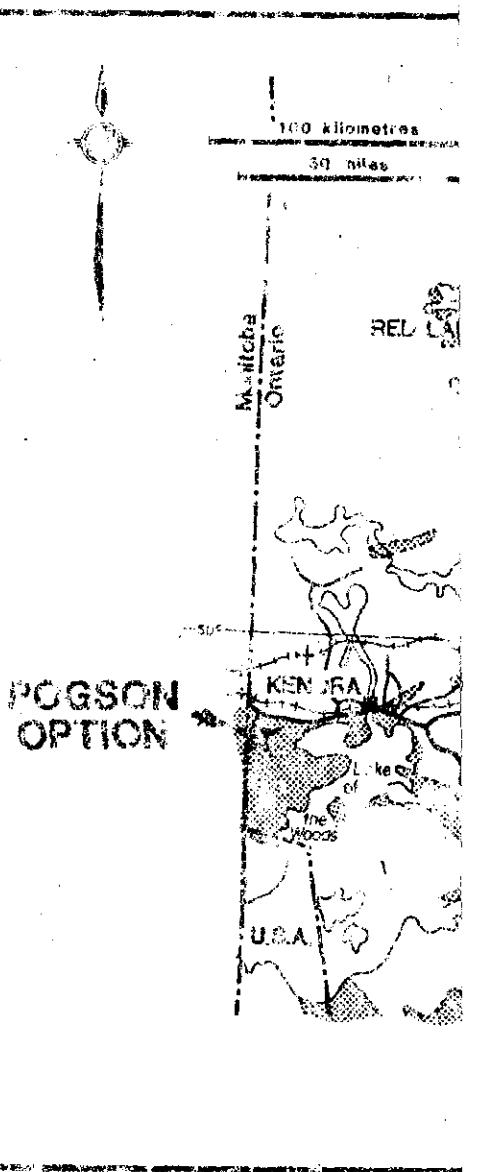
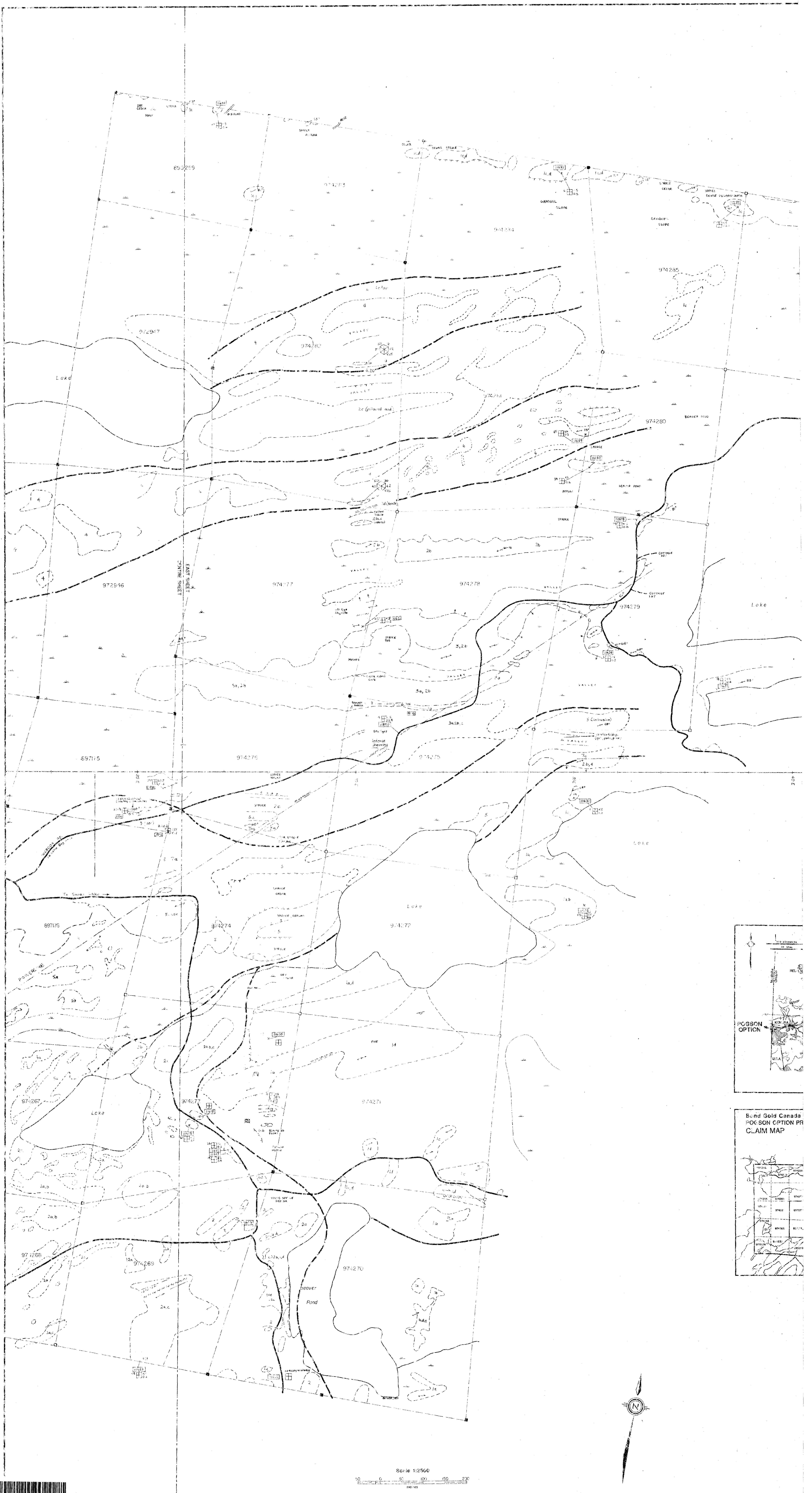


AREA  
**ECHO BAY**  
M.N.R. ADMINISTRATIVE DISTRICT  
**KENORA**  
MINING DIVISION  
**KENORA**  
LAND TITLES / REGISTRY DIVISION  
**KENORA**

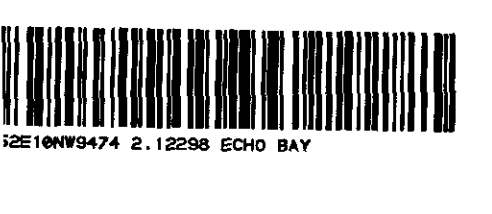
Ontario Ministry of Natural Resources  
Ontario Ministry of Northern Development and Mines

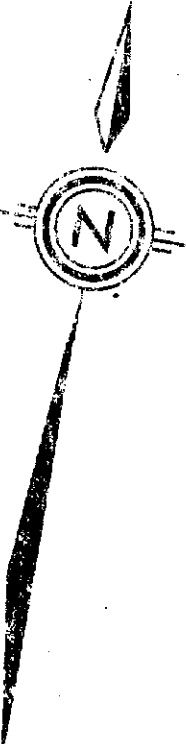
Date JANUARY, 1987  
Number  
M 1949  
**G-2616**





Scale 1:2500  
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metres



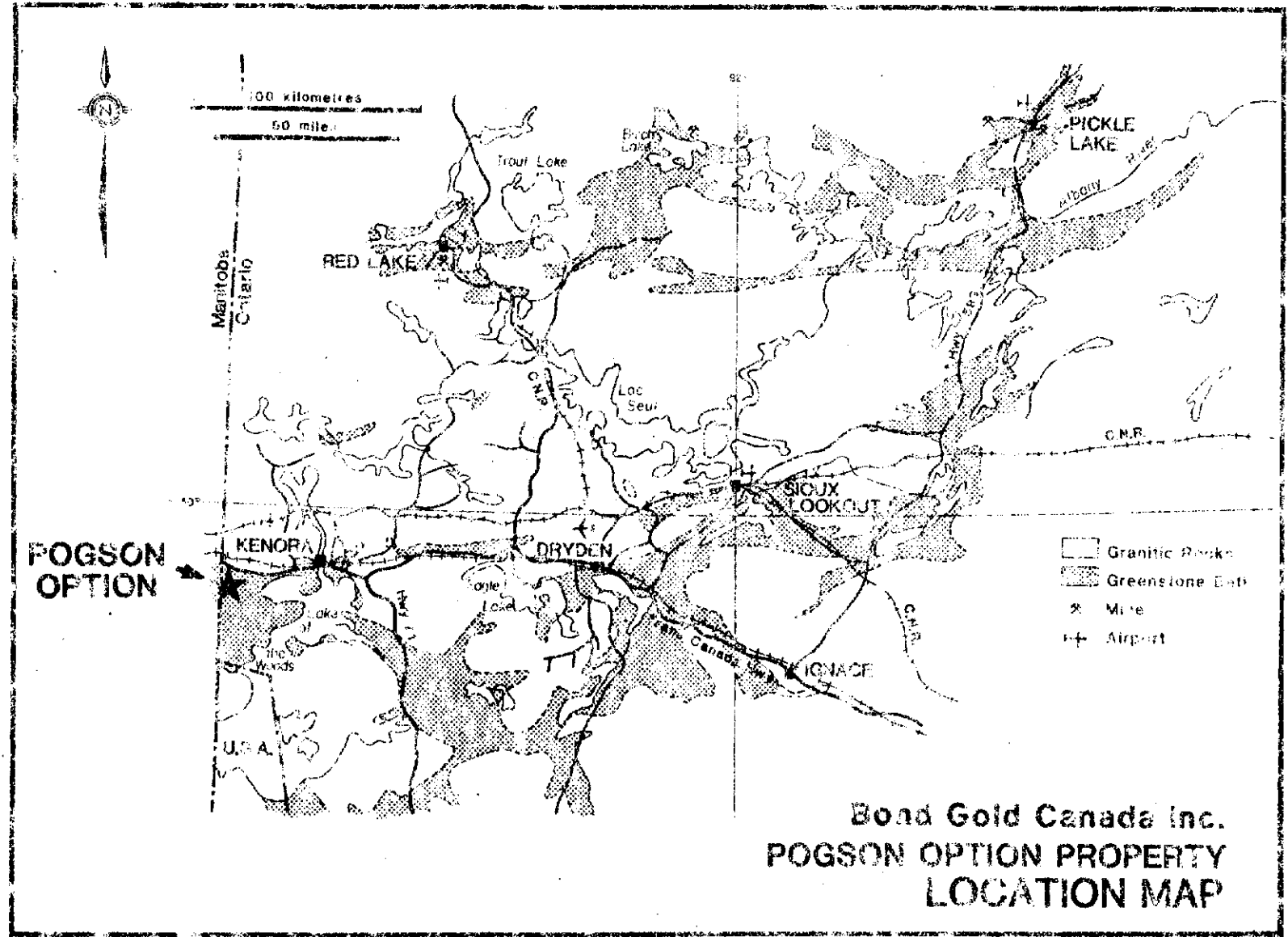
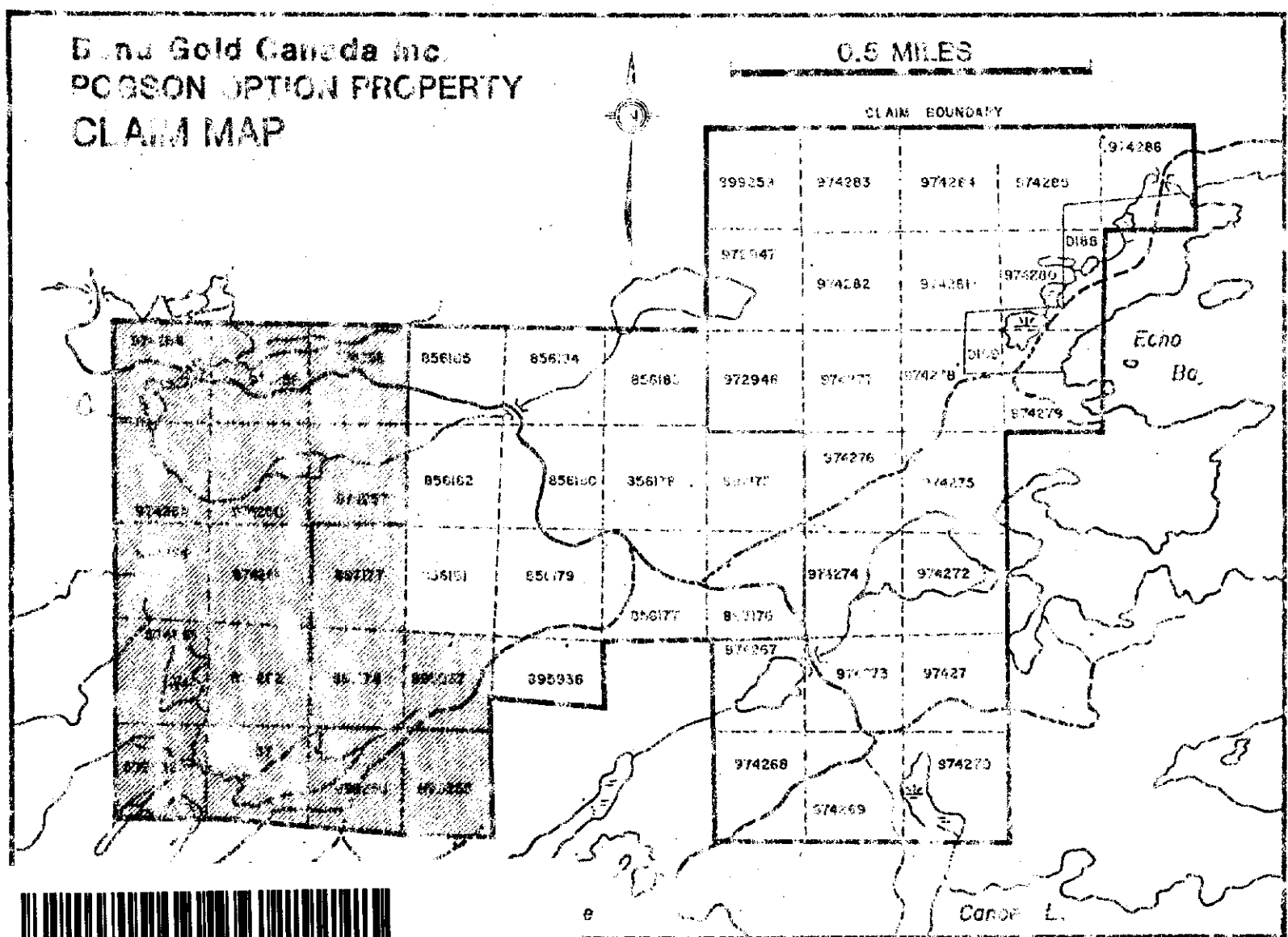
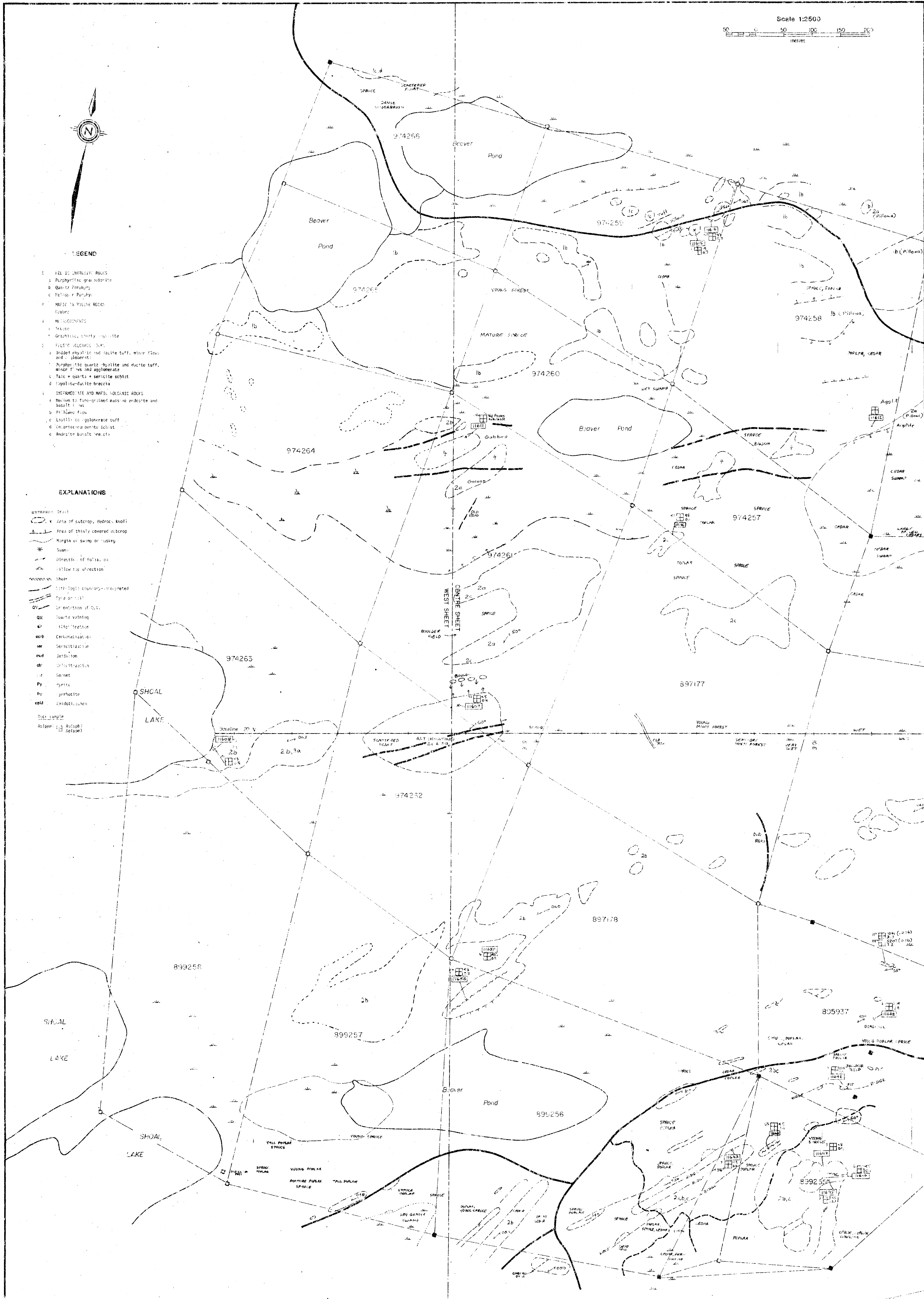


**LEGEND**

- 1 FELIC INTERFLUVIAL ROCKS
- 2 Porphyritic granodiorite
- 3 Quartz Porphyry
- 4 Tephritophy
- 5 MAJOR TECTONIC ZONES
- 6 Subzone
- 7 METACOMPLEXES
- 8 Gabbro
- 9 Granitoid, quartz porphyry
- 10 FELIC SCLEROSIS SKIN
- 11 Siderite, pyrite and barite tuff, minor flows and agglomerate
- 12 Porphyritic quartz, albite and ductile tuff, minor flows and agglomerate
- 13 Talc + quartz + sericite schist
- 14 Igneous-dacite breccia
- 15 INTERMEDIATE AND MAJOR VOLCANIC ROCKS
- 16 Basalt to fine-grained basaltic andesite and basalt flows
- 17 Pyroclastic flow
- 18 Lignite to lignite tuff
- 19 Intermediate quartz schist
- 20 Andesite basalt breccia

**EXPLANATIONS**

- Area of outcrop, bedrock, knoll
- Area of thinly covered outcrop
- Margin of swamp or muskeg
- Swamp
- Direction of foliation
- Follow top direction
- Shear
- Line of contact - interpreted
- Line of contact
- Orientation of SW
- Quartz vein
- SW section
- Carbonatization
- Sericitization
- Jarositization
- Chloritization
- Garnet
- Pyrite
- Pyroclastic
- Andesite



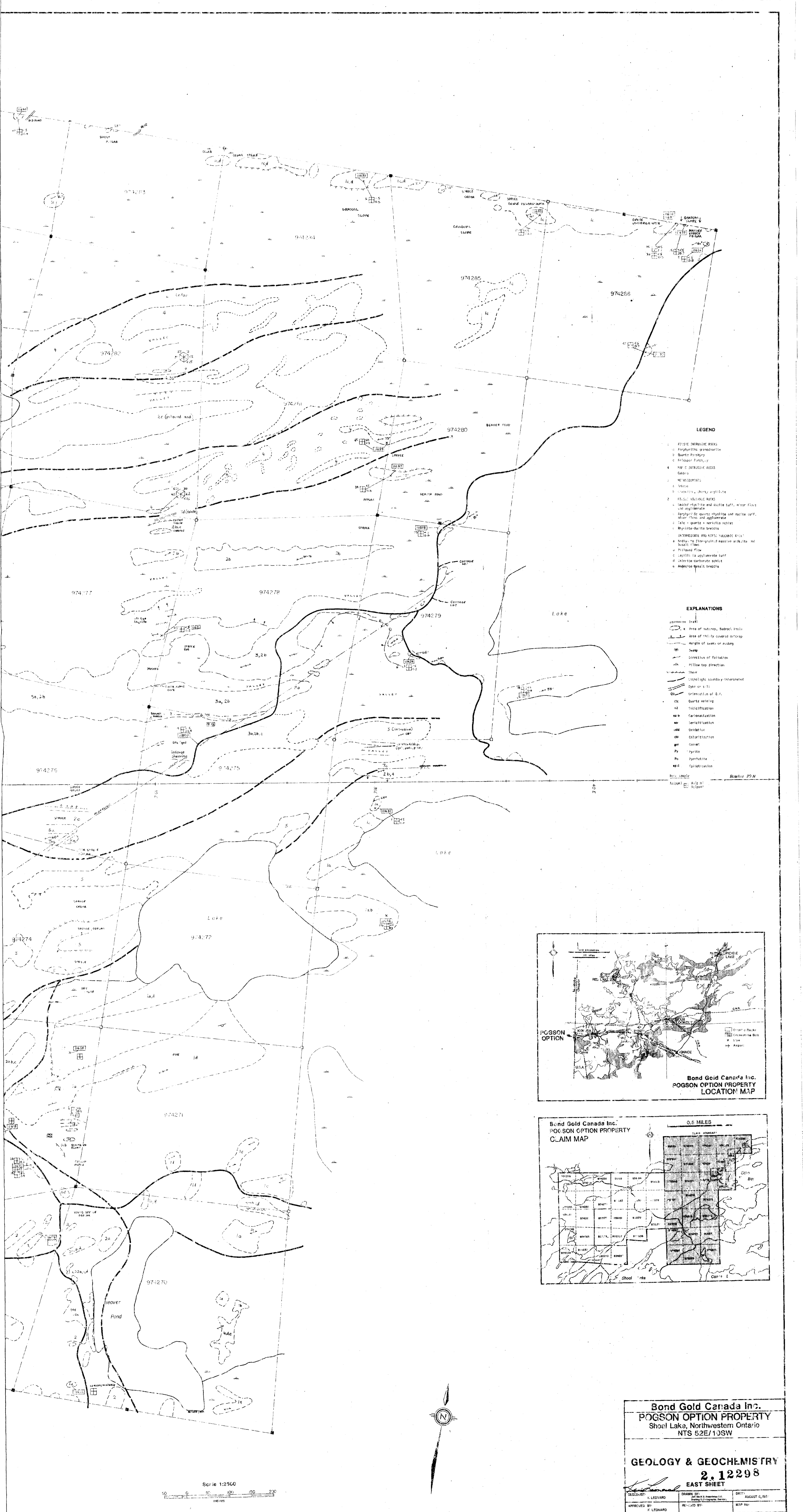
**Bond Gold Canada Inc.**  
**POGSON OPTION PROPERTY**  
 Shoal Lake, Northwestern Ontario  
 NTS 32/10SW

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**GEOLOGY & GEOCHEMISTRY**  
**2.12298**  
**WEST SHEET**

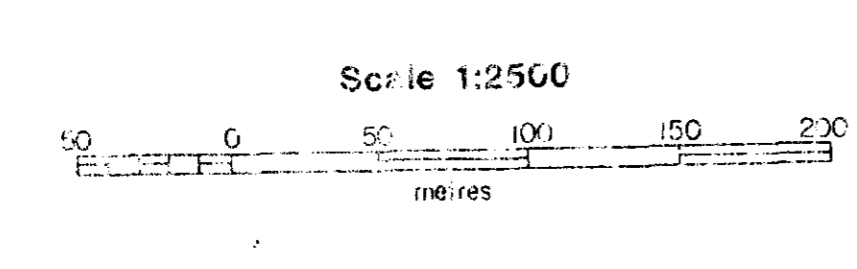
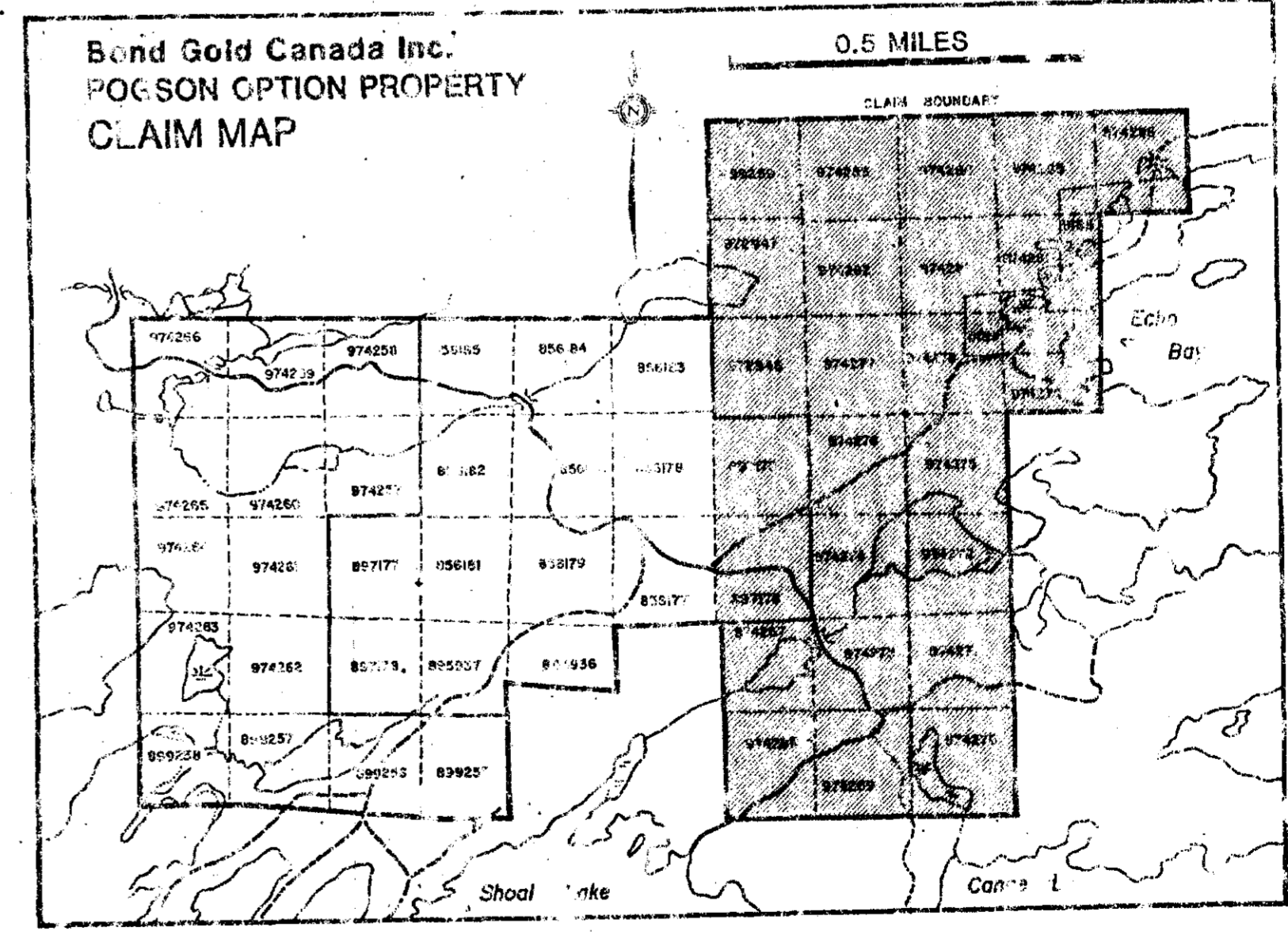
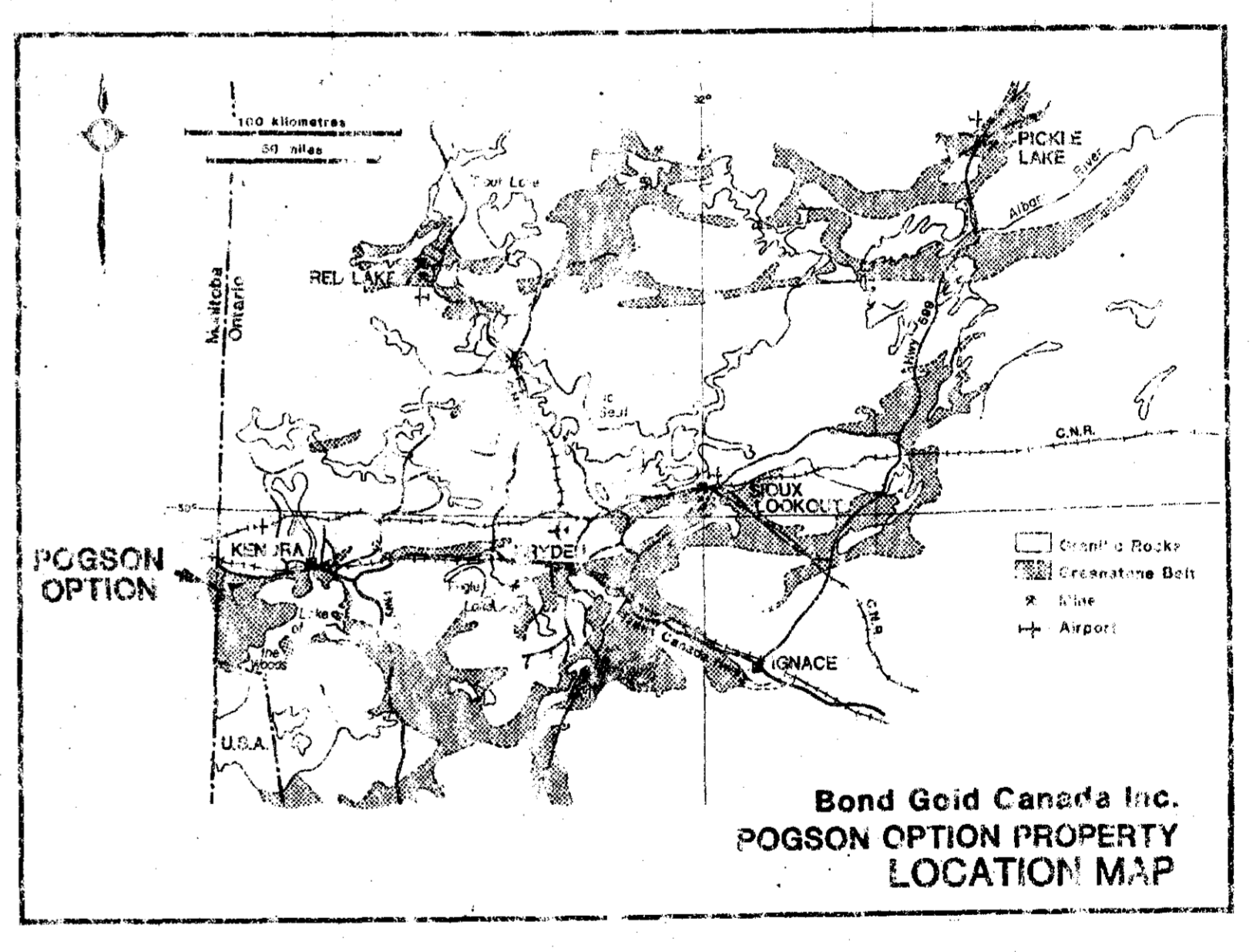
APPROVED BY: K. LEONARD  
 REVISED BY: K. LEONARD  
 DATE: AUGUST 14, 1987  
 MAP NO:





- LEGEND**
- 1. FELSIC INTRUSIVE ROCKS
    - a. Porphyritic granodiorite
    - b. Quartz Porphyry
    - c. K-feldspar Porphyry
  - 2. FELSIC VOLCANIC ROCKS
    - a. Tuffaceous andesite and dacite tuff, minor flows and agglomerate
    - b. Porphyritic quartz, rhyolite and dacite surf. flow, flow and agglomerate
    - c. Tuff + quartz + sericitic schist
    - d. Rhyolite-dacite breccia
  - 3. INTERMEDIATE AND BASIC VOLCANIC ROCKS
    - a. Basalt to fine-grained massive andesite, and dacite tuff
    - b. Pillowed flow
    - c. Basalt to andesite tuff
    - d. Intermediate andesite breccia
    - e. Andesite basalt breccia

- EXPLANATIONS**
- Area of outcrop, bedrock, rock
  - Area of thin-ly covered outcrop
  - Height of water or rising
  - Swamp
  - Direction of foliation
  - Pillow top direction
  - Shear
  - Lithologic boundary, unrespected
  - Dike or sill
  - Orientation of Q.F.
  - Quartz veining
  - Silicification
  - Carbonatization
  - Sericitization
  - Oxidation
  - Chloritization
  - Gneiss
  - Pyrite
  - Pyrrhotite
  - Sulfidation



**Bond Gold Canada Inc.**  
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 EAST SHEET

APPROVED BY: F. LEONARD  
 DRAWN BY: J. LEONARD & J. LEONARD LTD.  
 AUGUST 6, 1987