



4115SE0500 2.11795 RATHBUN

010

REPORT
ON THE
GEOLOGICAL MAPPING PROGRAMME
WANAPITEI LAKE PROPERTY
RATHBUN TOWNSHIP
ONTARIO
FOR
GOLD'OR MINING CORP

RECEIVED

NOV 7 1988

MINING LANDS SECTION

L.D.S. Winter

B.A.Sc., M.Sc., F.G.A.C.

October 28, 1988

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1. INTRODUCTION

The Wanapitei Lake property consists of 18 staked claims and 5 patented mining claims in Rathbun township on the northern shore of Lake Wanapitei approximately 25 miles northeast of the city of Sudbury (Figure 1).

The first gold discoveries were made in this area in the early 1890's shortly after the copper - nickel discoveries in the Sudbury Basin. The gold mineralization in this area was further explored in the 1920's and 1930's and recently there has been production of gold from the Orofino and Groundstar properties to the south of the subject claims in Scadding and Davis townships.

The subject property was acquired for its potential for gold mineralization and Norwin Resources Ltd. was requested by the company to geologically map the property. The following report and the accompanying maps present the results of the mapping programme carried out between September 6 and 16, 1988.

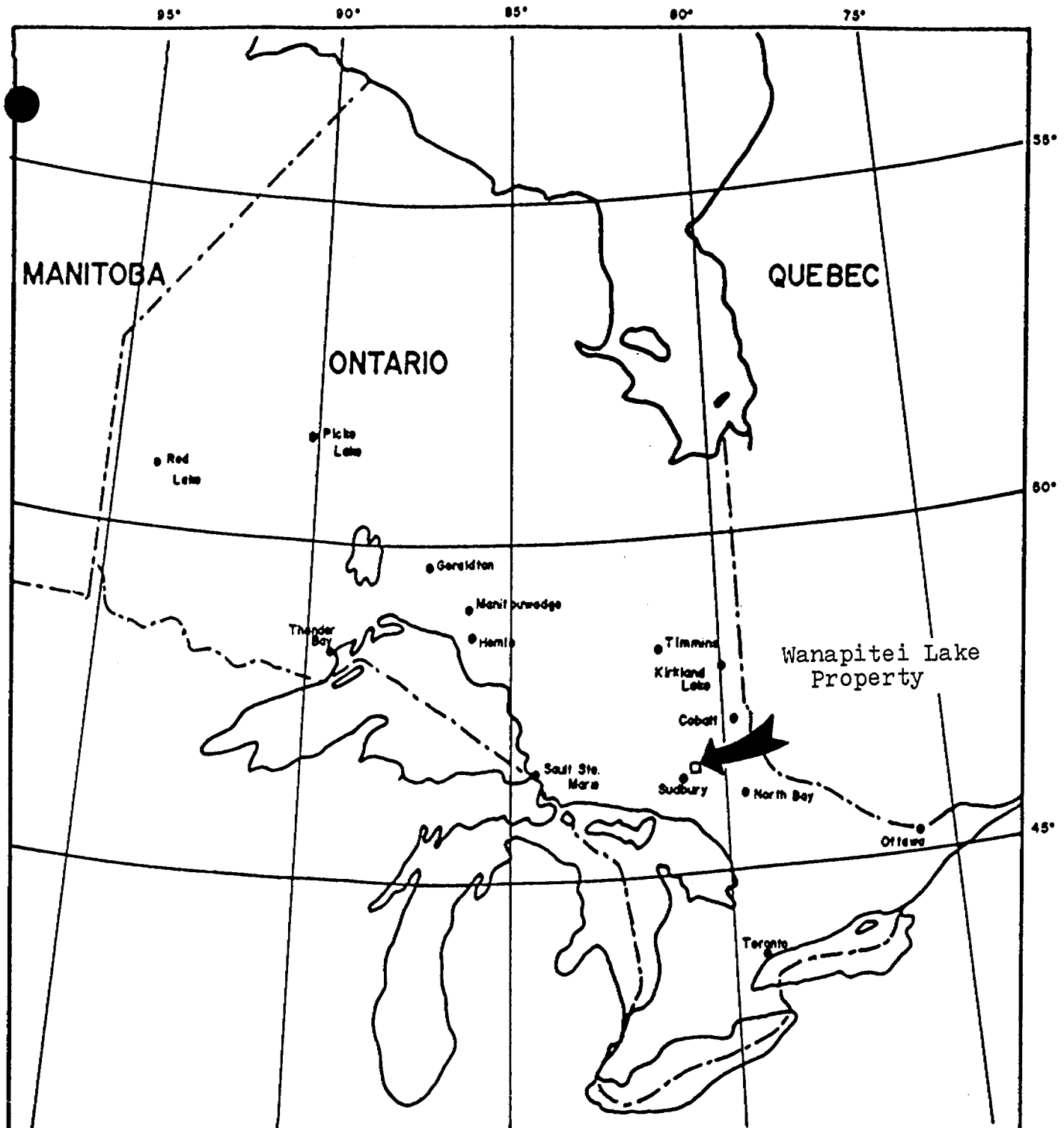


FIGURE 1

PROPERTY LOCATION MAP

WANAPITEI LAKE PROPERTY

To accompany the report for
GOLD'OR MINING CORP.

OCT 1988.

2. PROPERTY, LOCATION AND ACCESS

2.1 PROPERTY

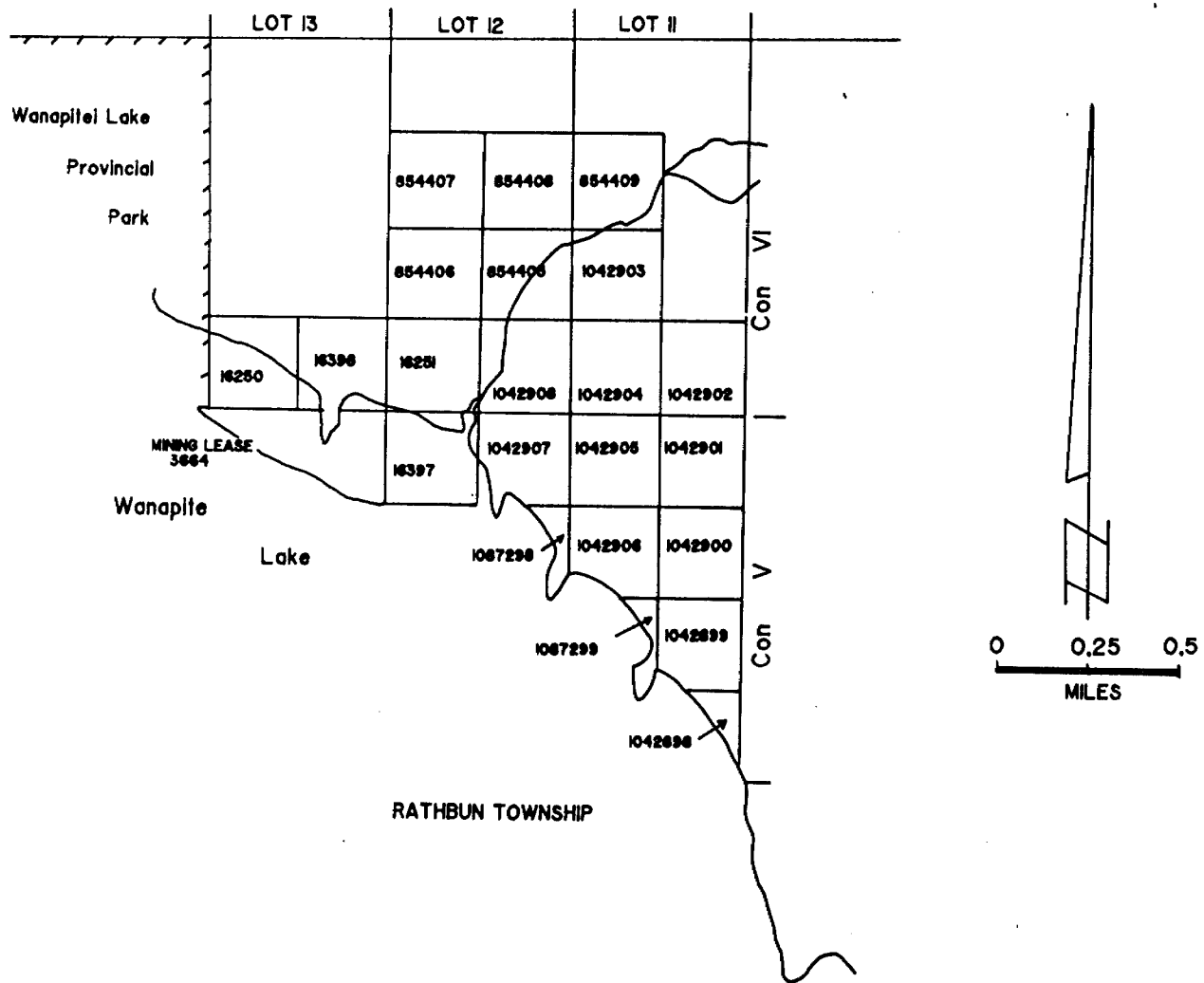
The property consists of 18 unpatented contiguous mining claims and 5 patented mining claims (parcels) as shown in plan M. 1071, Rathbun township, as issued by the Surveys and Mapping Branch of the Ontario Ministry of Natural Resources. (Figure 2) and as recorded in the Sudbury Land Registry Office. The unpatented claims are listed below:

CLAIMS	FORMER * CLAIM NO.	LOCATION	
1042903	854404	Con 6, Lot 11, NW1/4S1/2	
S854405		Con 6, Lot 12, NE1/4S1/2	
S854406		Con 6, Lot 12, NW1/4S1/2	
S854407		Con 6, Lot 12, SW1/4N1/2	
S854408		Con 6, Lot 12, SE1/4N1/2	
S854409		Con 6, Lot 11, SW1/4N1/2	
1042898	854416	Con 5, Lot 11, SE1/4S1/2	(partial)
1042899	854417	Con 5, Lot 11, NE1/4S1/2	(partial)
1042900	854418	Con 5, Lot 11, SE1/4N1/2	
1042901	854419	Con 5, Lot 11, NE1/4N1/2	
1042902	854420	Con 6, Lot 11, SW1/4S1/2	
1042904	854421	Con 6, Lot 11, SW1/4S1/2	
1042905	854422	Con 5, Lot 11, NW1/4N1/2	
1042906	854423	Con 5, Lot 11, SW1/4N1/2	(partial)
1087298	854425	Con 5, Lot 12, SE1/4N1/2	(partial)
1087299	854424	Con 5, Lot 11, SW1/4S1/2	(partial)
1042907	854426	Con 5, Lot 12, NW1/4N1/2	(partial)
1042908	854427	Con 6, Lot 12, SE1/4S1/2	

The Patented claims and parcels are:

S16250	Con 6, Lot 13, SW1/4S1/2	Parcel 5873
S16251	Con 6, Lot 12, SW1/4S1/2	Parcel 5872
S16397	Con 5, Lot 12, NW1/4N1/2	Parcel 5875
S16398	Con 6, Lot 13, SE1/4S1/2	Parcel 5874
S5167	Con 5, Lot 13, N ¹ / ₂	Parcel 3528 - Mining Lease 3664.

* Thirteen (13) claims did not have sufficient



After claim map M.1071, Rathbun Township
 Ministry of Natural Resources, Ontario,
 Land Management Branch

Figure 2
 Claim Map
 Wanapitei Lake Property
 Gold'or Mining Corp.

assessment work on them and they came open on September 25, 1988. These claims were subsequently restaked as new claims 1042898-1042908 inclusive and claims 1087298 and 1087299.

2.2 LOCATION

This group of claims is located on the northeastern shore of Wanapitei Lake immediately east of Bonhomme Creek in the northern part of Rathbun township, District of Sudbury in northeastern Ontario at 46°-46'N latitude, 80°-43'W longitude. The property is approximately 25 miles northeast of Sudbury, Ontario (Figure 1).

2.3 ACCESS

The property is most easily accessed by boat from either the West Bay road on the west side of the lake from Capreol or highway 541 at Skead on the south shore of the lake. Float equipped aircraft or helicopter could also provide easy access to the claims. A road north along the east side of Lake Wanapitei passes approximately 1 mile east of the property from which the claims can be reached on foot.

3. REGIONAL GEOLOGY

The rocks of the Lake Wanapitei area were formed during Early, Middle and Late Precambrian time. The Early Precambrian-Archean-basement rocks are only exposed along the western part of the lake and to the northwest. The Middle Precambrian sediments of the Huronian Supergroup, which unconformably overlie the Archean basement, are the exposed bedrock north, south and east of the lake. The Huronian sediments have been intruded in turn by dykes and sills of Nipissing diabase and Late Precambrian diabase dykes are common throughout the region. Pleistocene

glaciation has resulted in a thin discontinuous cover of glacial and glaciofluvial deposits over much of the area.

The sediments of the Huronian Supergroup were deposited between 2500 m.y. ago and 2160 m.y. ago on the eroded Archean basement and consist mainly of clastic sediments and minor carbonate-bearing rocks. The Huronian Supergroup consists of 4 groups which generally show a cyclicity consisting of paraconglomerates succeeded by finer grained sediments followed by coarse sands. Only the upper three groups, the Hough Lake Group, the Quirke Lake Group and the Cobalt Group are present in this area.

Nipissing diabase intruded the Huronian sediments 2160 m.y. ago and its present distribution indicates it intruded as both dyke and sill-like bodies throughout the area.

In general, the Huronian sediments and Nipissing diabase have been moderately deformed with the rocks trending west-northwest to northwest and dipping northeast in this area. They are considered to lie on the west limb of a north-south syncline whose axis lies in eastern Davis township. The Grenville Front crosses the southern part of Davis township and has strongly deformed and metamorphosed the units in that area.

4. PROPERTY GEOLOGY - CURRENT MAPPING

All of the bedrock formations underlying the property are of Proterozoic-Precambrian age and consist of units of the Huronian Supergroup. Only units of the Gowganda formation of the Cobalt Group of the Huronian Supergroup are exposed on the property along with Nipissing diabase which has intruded the Gowganda formation (Map accompanying the report).

Seven (7) mappable units within the Gowganda formation were identified during the course of the field work. The units are as defined below:

Unit 1: It is a fine grained, massive greywacke weathering brown to grey to greenish-grey on the fresh surface. It appears to be somewhat siliceous and occasionally contains pebbles, cobbles and boulders of granite up to 20 cm in diameter. In addition, there are 1 to 2% fine glassy quartz fragments.

Unit 2: Unit 2 is a fine grained, massive greywacke becoming moderately laminated to pelitic in places. It weathers light brown to greyish and on the fresh surface it is greenish. It contains abundant chloritic material and up to 2% siliceous fragments.

Unit 3: This unit is a fine grained, laminated pelite with layers up to 1 cm thick. It generally weathers light grey-brown and on the fresh surface is dark green (chloritic). Some of the bedding is highlighted by thin chloritic layers and also a trace of pyrite is occasionally present. Occasional granitic clasts were noted.

Unit 4: This unit is a conglomerate containing up to 30% clasts which are usually massive and granitic in composition. The matrix is a greyish-green subpelitic material. For the most part, the clasts are matrix supported. The clasts are generally well rounded. A trace of pyrite is present in the matrix.

Unit 5: This unit is massive, fine grained and weathers buff to tan in colour. It is siliceous and is found as interbeds or scours within the conglomeratic and greywacke units.

Unit 6: This is a fine grained massive pink to white quartzite with a sugary texture which is found as local scours particularly in the better laminated greywacke.

Unit 7: This unit is a dark grey massive siltstone.

The geological units on the property are best exposed in the ridge along the eastern part of the property where they occur as interbedded units striking north-northwest and dipping moderately to the east (20° to 60°). Exposure in the central and northern part of the property is moderate with no exposure in the western part of the property except for the peninsula south of

claim 16398.

In the eastern part of the property, the most easterly unit is Unit 1 which is a fine grained, massive greywacke. Underlying this unit to the west is Unit 4, the conglomerate. This unit appears to be thickest to the north, thins out rapidly in the central part of the area and appears to thicken again in the area of lines 2 and 3 north along the east claim boundary. Underlying the conglomeratic unit is the more pelitic unit, Unit 3. In places this unit appears to be interbedded in zones 1 to 2 meters thick with Unit 1.

In the central and northern parts of the property, the main unit present is Unit 1 with occasional exposures of Units 2, 3, and 7. On lines 17 and 19 N at 5 to 6 W, the conglomeratic unit trending northwest and dipping 40° to the east was observed.

The only exposure of diabase noted on the property is on the peninsula south from claim 16398 in the western part of the claim group. The diabase is massive, medium grained and well jointed.

The Gowganda formation units have been folded into an antiformal structure whose axis lies approximately in the centre of the property and trends north-south. In the northern part of the property, the units trend east-west and dip 40° to the north and along the eastern margin of the property the same units trend north-northwest and dip from 20° to 60° to the east. Small-scale fold structures on line 8+00N at 0+50 mE suggest the fold plunges at -40° at 035° .

Jointing on the property is generally well developed with two (2) prominent trends being northeasterly and northwesterly. Faulting is best developed in the eastern part of the property along the well exposed ridge of outcrop. Shearing and offset of units suggests faulting, trending north-northwest and dipping vertically to steeply east.

The peninsula at the southern end of claim 1087298 contains a breccia approximately 150 feet in diameter. This breccia consists of slab-like fragments of greywacke of the

Gowganda formation in a matrix of quartz with occasional chlorite. The quartz shows a crustiform texture indicating open space filling in many areas. No sulphide mineralization was noted with this breccia. There is some suggestion from the fabric of the breccia that it is orientated north-northwest.

5. PREVIOUS WORK ON THE PROPERTY

In the early 1890's, many minor gold discoveries were made in the area about Lake Wanapitei as prospectors worked eastward from the nickel discoveries in the Sudbury Basin. Further interest was shown in the area in the late 1920's and 1930's and sporadic exploration occurred in the area during the 1960's and 1970's. Work initiated at that time located and outlined the gold deposit now being mined by Orofino Resources in southeastern Scadding township. Here, three gold-zones containing 250,000 tons at 0.234 oz gold per ton are reported of which 2 will be mined by open pit methods and 1 by underground methods (Canadian Mining Journal, 1984). In central Davis township the Northstar Lake Prospect is reported to contain 111,129 tons grading 0.16 ounces gold per ton and 0.85% copper. (Gordon et al, 1979). To date, 22 gold showings and prospects have been reported from the Lake Wanapitei area.

Dressler (1982) described the McVittie property, the patented claims, as follows:

"Only very limited information is available on this property which is located on a small peninsula in northern Lake Wanapitei. Three shafts filled with mud and water and old and rusty mining equipment give evidence of a small abandoned mining operation. Several west - to - northwest-trending quartz-carbonate veins up to 1 m thick were observed by the author. At the northern shaft, strongly mineralized vein rocks containing much pyrite and sulphide-bearing gabbro were noted in the rock dumps.

J. McVittie diamond drilled five holes for a total

length of 200 m and reported assays varying from 0.01 to 0.42 ounces of gold per ton. The information does not give any details whether the gold occurs solely in the quartz veins or whether it is also found in the sulphide bearing Nipissing gabbro."

The intersections in the 5 drill holes as reported in the Ontario Geological Survey assessment files, Sudbury, are:

	<u>From (ft)</u>	<u>To (ft)</u>	<u>Core Length (ft)</u>	<u>Oz gold/T</u>
Hole # 1	53	63	10	0.068
	138	147.5	9.5	0.18
Hole # 2	17.5	24	6.5	0.082
	155	158	3	0.062
Hole # 3	27	35	8	0.125
	87	90	3	0.32
Hole # 4	71	75	4	0.155
	93	97	4	0.42
Hole # 5	71.5	81.5	10	0.21
	97.5	101	3.5	0.175

The exposed mineralization in the three main old pits occur in three (3) east-west striking and south dipping (45°-60°) structures. Two are quartz-carbonate veins and the other consists of massive pyrite and arsenopyrite in pink, strongly altered gabbro.

There is no previously reported work from the area of the staked claims in the north and eastern parts of the property.

6. CONCLUSIONS

The salient features of the property as indicated by the geological mapping programme are:

- 1) Property is underlain dominantly by units of the Gowganda formation of the Cobalt Group of the Huronian

Supergroup.

- 2) One exposure of Nipissing diabase is present on the small peninsula south of claim 16398 in the western part of the property.
- 3) The Gowganda formation has been divided into seven (7) subunits based on the mapping programme.
- 4) The Gowganda formation units have been folded along an approximately north-south axis such that the property is underlain by an anticlinal structure plunging approximately 40° to the north and with the units along the eastern part of the property dipping at 20° to 60° east.
- 5) Shearing trending north-northwest and dipping steeply was observed in the eastern part of the property.
- 6) Jointing on the property is generally well developed with the two (2) most prominent trends being northeasterly and northwesterly.
- 7) On the peninsula at the southern end of claim 1087298 a breccia of slab-like fragments of greywacke in a matrix of quartz with occasional chlorite is present. This breccia appears to be similar to breccia pipes in the general Lake Wanapitei area.
- 8) The area with the most obvious economic potential is the peninsula of diabase which extends south into Lake Wanapitei in the western part of the property. Here east-west striking and south dipping structures containing quartz-carbonate veining, sulphide mineralization and sodium alteration with significant gold values are exposed.

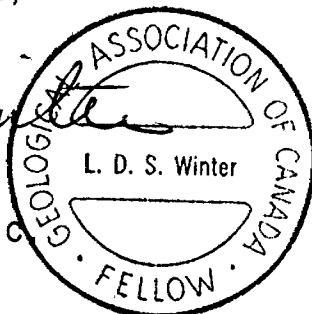
Respectfully submitted,

L.D.S. Winter

L.D.S. Winter

B.A.Sc., M.Sc., F.G.A.C.

October 28, 1988



REFERENCES

1. Assessment Files, Ministry of Natural Resources,
Sudbury, Ontario.
2. Canadian Mining Journal 1984
Scadding Mine Starts Operations, October 1984, p.7.
3. Dressler, B.O. 1982
Geology of the Wanapitei Lake Area, District of
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Geophysical Report on the Wanapitei Lake Property
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6. Kindle, L.F. 1933
Moose Mountain-Wanapitei Area: Ont. Dept. Mines,
Vol. 41, 1932 p. 29-49.
7. Thomson, J.E. 1961
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8. Thomson, J.E., and Card, K.D. 1963
Kelly and Davis Townships, Ont. Dept. of Mines,
Geol. Report 15, 20 p.

PERSONNEL

The following personnel were involved in mapping the property and preparing the report.

L.D.S. Winter, B.A.Sc., M.Sc., F.G.A.C.

- 4 days field mapping
- 3 days report preparation.

D. Pilkey, B.Sc.

- 2 days field mapping.

R. de Gagne, Geol. Ty.

- 2 days field mapping.

Gordon Winter, B.A.

- 4 days field assistant.

Cheryl Lang, Geol. Tn. - drafting

- 2 days

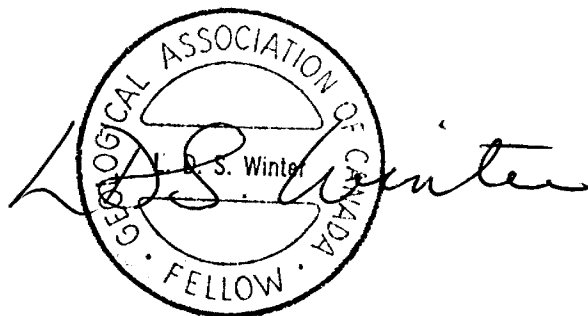
Denise Greene, typist

- 1 day

CERTIFICATE OF QUALIFICATION

I, Lionel Donald Stewart Winter do hereby certify:

1. that I am a geologist and reside at 1849 Oriole Drive, Sudbury, Ontario, P3E 2W5,
2. that I am a Fellow of the Geological Association of Canada,
3. that I graduated from the University of Toronto in Mining Engineering in 1957 with a Bachelor of Applied Science and from McGill University, Montreal in 1961 with a Master of Science (Applied) in Geology,
4. that I have practised my profession continuously for 27 years,
5. that my report on the Wanapitei Lake property, Rathbun Township, Ontario dated October 28, 1988 is based on my personal knowledge of the geology of the area and on a review of published and unpublished information on the property and surrounding area and supervision of the mapping programme,



L.D.S. Winter
B.A.Sc., M.Sc., F.G.A.C.
October 28, 1988

W 8807-191

Mining Act



900

Type of Survey(s)
GEOLOGICAL **2.117**

Claim Holder(s)
GOLD 'OR MINING CORP.

Prospector's Licence No.
T. 5001

Address
444 DAYTONA AVE., FORT ERIE, ONTARIO L2A 4Y9.

Survey Company
NORWIN RESOURCES LTD.

Date of Survey (from & to)
06 09 88 | **16 09 88**

Total Miles of line Cut
USED EXISTING GRID

Name and Address of Author (of Geo-Technical report)
L.D.S. WINTER, NORWIN RES. LTD., 560 NOTRE DAME AVE., SUDBURY P3C 5L2

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	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	20
	Geochemical	

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

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
S	854404				
	854405				
	854406				
	854407				
	854408				
	854409				
	854416				
	854417				
	854418				
	854419				
	854420				
	854421				
	854422				
	854423				
	854426				
	854427				

RECEIVED
SEP 19 1988
MINING LANDS SECTION

SUDBURY MINING DIV.
RECEIVED
SEP 19 1988
A.M. 7/8/9/10/11/12/13/14/15/16 P.M.
J. J. G. M.

Expenditures (excludes power stripping)

Type of Work Performed
ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE

Performed on Claim(s)
NOV 25 1988

Calculation of Expenditure Days Credits

Total Expenditures	Total Days Credits
\$	15

Total number of mining claims covered by this report of work. **16**

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Reporter
320	SEPT. 27/88	<i>[Signature]</i>
	Date Approved as Recorded	Branch Director
	<i>[Signature]</i>	<i>[Signature]</i>

Date
SEPT. 19: 88

Recorded Holder or Agent (Signature)
[Signature]
AGENT.

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
L.D.S. WINTER, NORWIN RESOURCES LTD., 560 NOTRE DAME AVE.

SUDBURY, ONTARIO P3C 5L2

Date Certified
SEPT. 19: 88

Certified by (Signature)
[Signature]



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 Rathbun Township
Claim Holder(s) Gold'Or Mining Corp.
Survey Company Norwin Resources Ltd.
Author of Report L. D. S. Winter
Address of Author 560 Notre Dame Avenue, Sudbury
Covering Dates of Survey September 6 to 16, 1988
Total Miles of Line Cut 28.7 km

MINING CLAIMS TRAVERSED
List numerically
S 854405
(prefix) (number)
854406
854407
854408
854409

SPECIAL PROVISIONS CREDITS REQUESTED
DAYS per claim
Geophysical
--Electromagnetic
--Magnetometer
--Radiometric
--Other
Geological
Geochemical

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: SIGNATURE:
Author of Report or Agent

Res. Geol. Qualifications 2.1503

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

TOTAL CLAIMS _____

OFFICE USE ONLY

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 _____

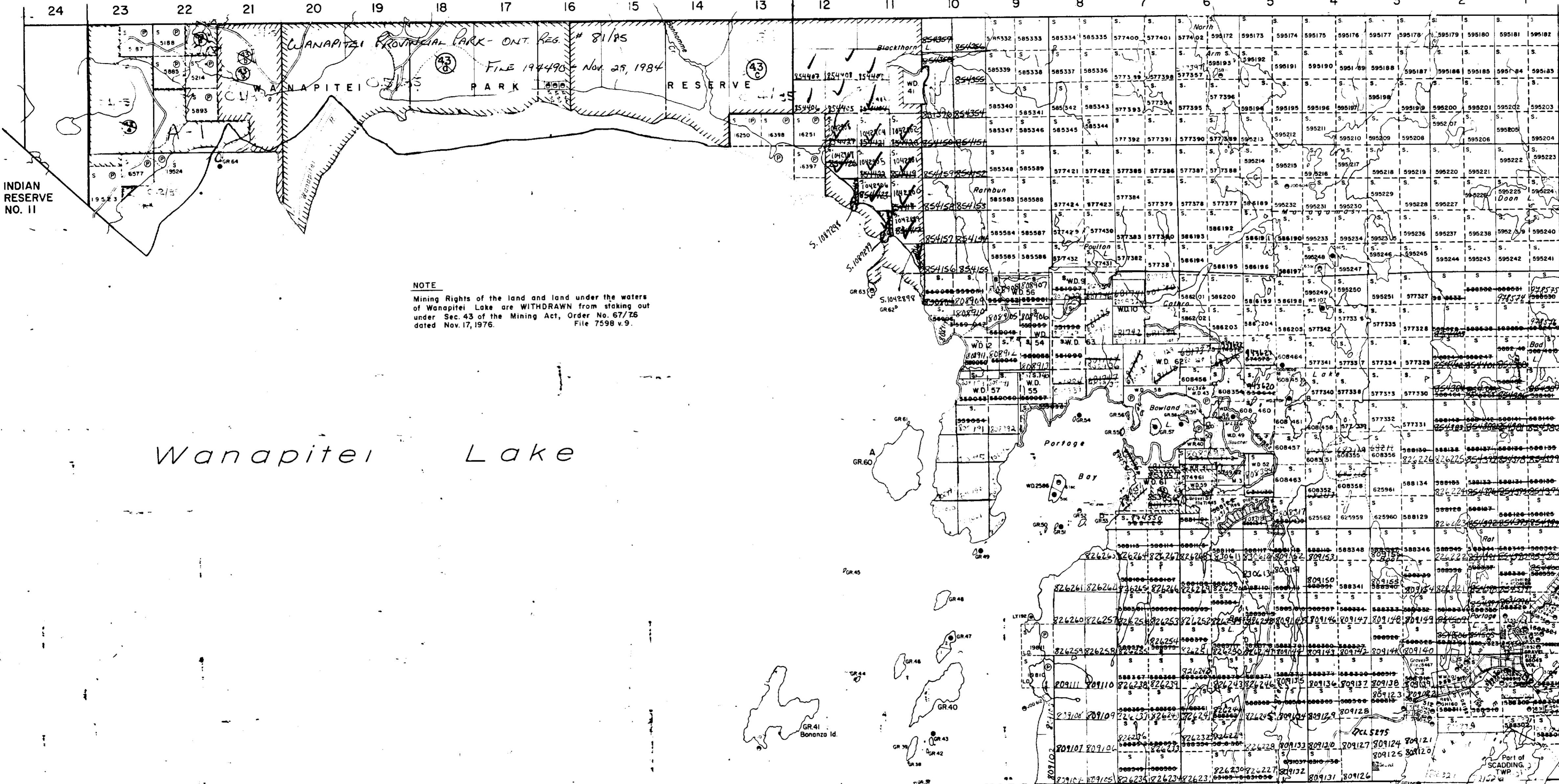
General _____

NORMAN TWP. M.1027

AYLMER TWP. M.641

MACKELCAN TWP. M.840

0.4150...
0.51...
0.11...



NOTE
Mining Rights of the land and land under the waters of Wanapitei Lake are WITHDRAWN from staking under Sec. 43 of the Mining Act, Order No. 67/76 dated Nov. 17, 1976. File 7598 v.9.

Wanapitei Lake

NOTES

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

ISLANDS in Wanapitei Lake WITHDRAWN FROM STAKING under Sec. 38 (c) of Mining Act R.S.O.1970. Nov. 23, 1926

FLOODING RIGHTS along the shores of Wanapitei Lake and islands contained therein to elev. 100.5' (crest of dam) reserved to H.E.P.C. L.O. 6186 File 43815

Withdrawn from staking under Section of the Mining Act, R.S.O. 1970 (Sec. 42, R.S.O. 1930)

File	Date	Disposition
171524	May 5/65	S.R.&M.R.
43	June 9/69	S.R.O.
43	Oct. 6/69	S.R.&M.R.
43	114727 W-51/76 Aug 26/76	S.R.O.
43	41954 W-8/78 Jan. 27/78	S.R.&M.R.

W.4/34 (Northwestern Region) S.R.&M.R.
S.44/50
W.2/35 (Northwestern Region) S.R.&M.R.
S.3/35 (Northwestern Region) S.R.O.

A-1

LEGEND

- PATENTED LAND
- PATENTED FOR SURFACE RIGHTS ONLY
- LEASE
- LICENSE OF OCCUPATION
- CROWN LAND SALES
- LOCATED LAND
- CANCELLED
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- HIGHWAY & ROUTE NO.
- ROADS
- TRAILS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEL
- MINES
- ORIGINAL SHORELINE

TOWNSHIP OF

RATHBUN

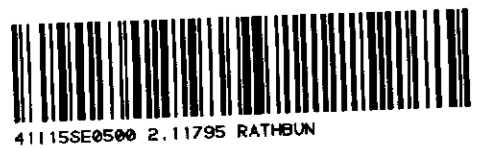
DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION

SCALE: 1 INCH = 40 CHAINS (1/2 MILE)

DR. D.T.
DATE APR /72 PLAN NO. **M. 1071**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

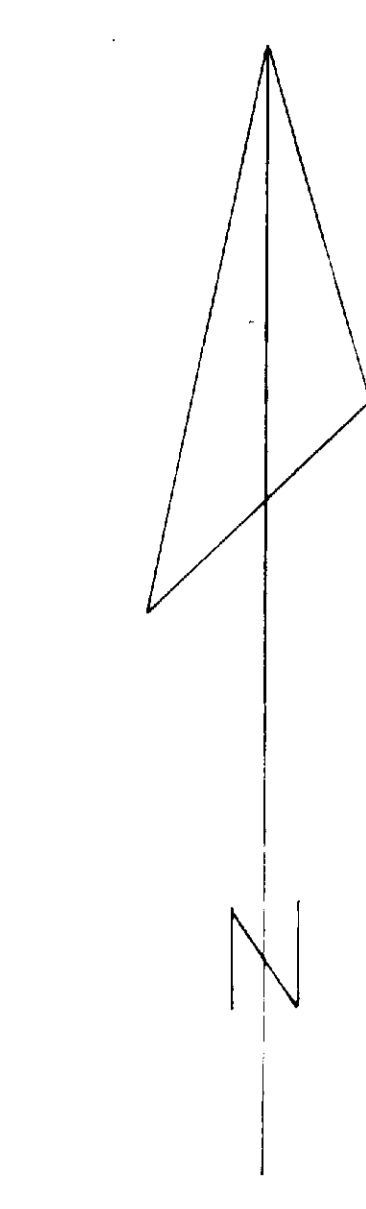


SCADDING TWP. M.1092

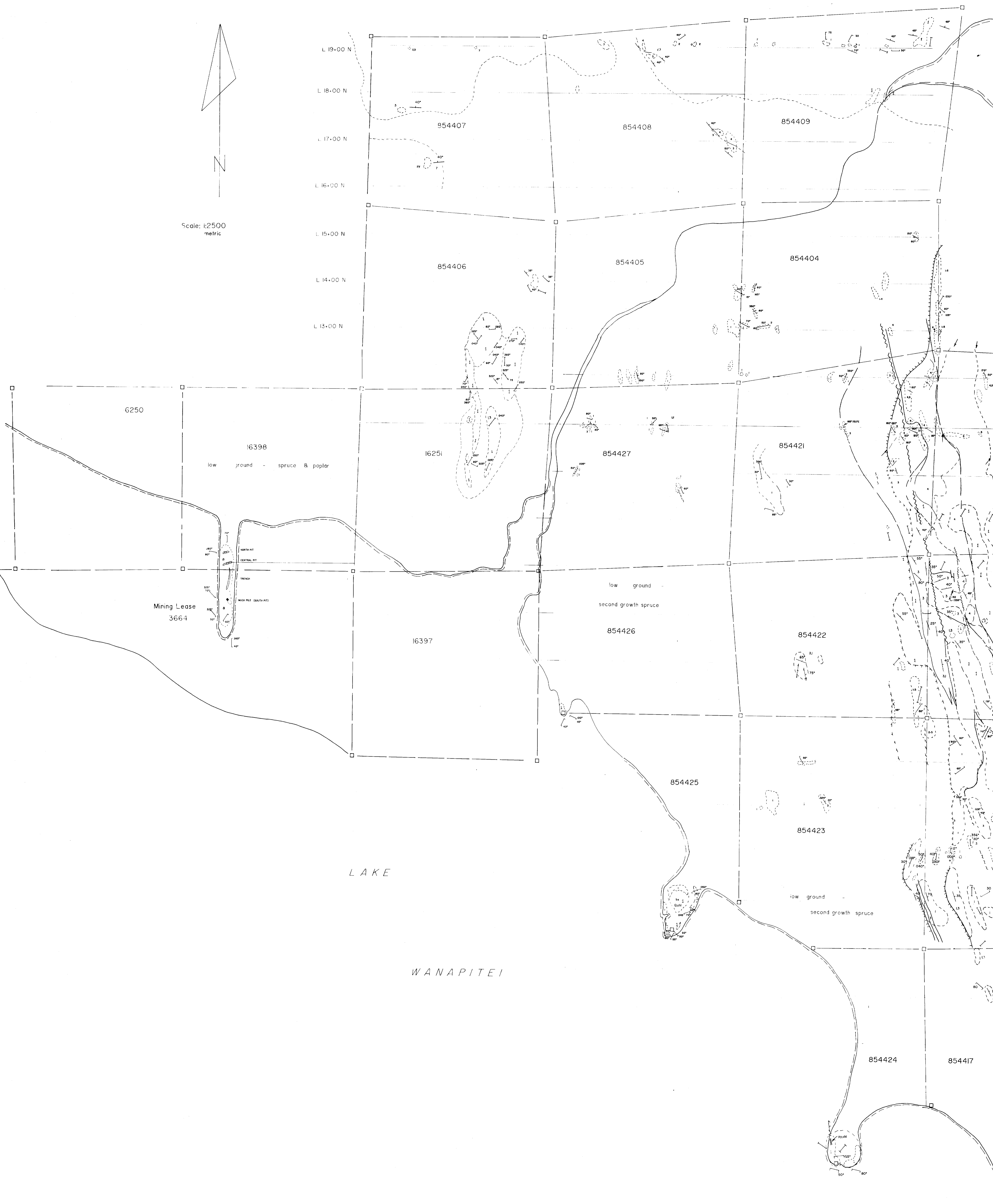
46°42'40" approx.
80°33'54" approx.

L 12-00 W L 11-00 W L 10-00 L 9-00 W L 8-00 W L 7-00 W L 6-00 W L 5-00 W L 4-00 W L 3-00 W L 2-00 W L 1-00 W L 0-00

L 19-00 N
L 18-00 N
L 17-00 N
L 16-00 N
L 15-00 N
L 14-00 N
L 13-00 N



Scale: 1:2500
metric



LAKE
WANAPITEI

L 2-00 W
L 1-00 W
BL 0-00

- LEGEND**
- Precambrian-Proterozoic
- 8 NIPISSING DIABASE
— Invasive Contact —
- COBALT GROUP
Gowganda Formation
- 1 - fine grained greywacke, massive
- weathers brown to grey
- fresh surface: greenish grey
- fairly siliceous
- occasional large granitic clasts
- 1-2% fine glassy fragments
- 2 - fine grained, massive greywacke
- moderately laminated, pelitic
- weathers Lt. brown-white
- fresh surface: green
- abundant chloritic mat
- 2% siliceous fragments
- 3 - fine grained, finely laminated pelite
- weathers Lt. grey-brown
- fresh: green(chloritic)
- bedding high-lighted by thin chloritic strips
- trace py
- occasional small granitic clasts
- 4 - rock is conglomerate
- up to 30% clasts(massive, granitic)
- weathers brown with greyish green sub pelitic
- matrix
- clasts are well rounded (occasional) pelitic frog
- Trace py
- 5 - massive, very siliceous, fine grained
- weathers buff to tan
- found as interbeds or scours
- in conglomerate (quartzite)
- 6 - fine grained, massive
- pink-white druse
- sugary texture
- found in local scours
- 7 - dk. grey siltstone

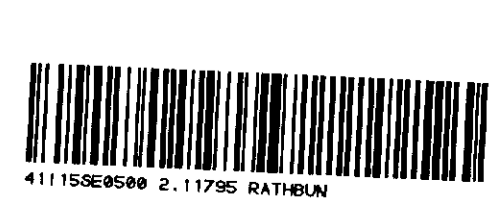
- LEGEND**
- Claim post & boundary
- outcrop and rock type
- joint(strike and dip)
- bedding(strike and dip)
- shear(strike and dip)
- small scale fold structure
- outcrop boundary with cliff
- Contact(definite)
- Contact(assumed)
- shear
- py pyrite
chl chlorite
Q quartz

GOLD'OR MINING CORP
WANAPITEI LAKE PROPERTY
RATHBUN TOWNSHIP
ONTARIO

GEOLOGY

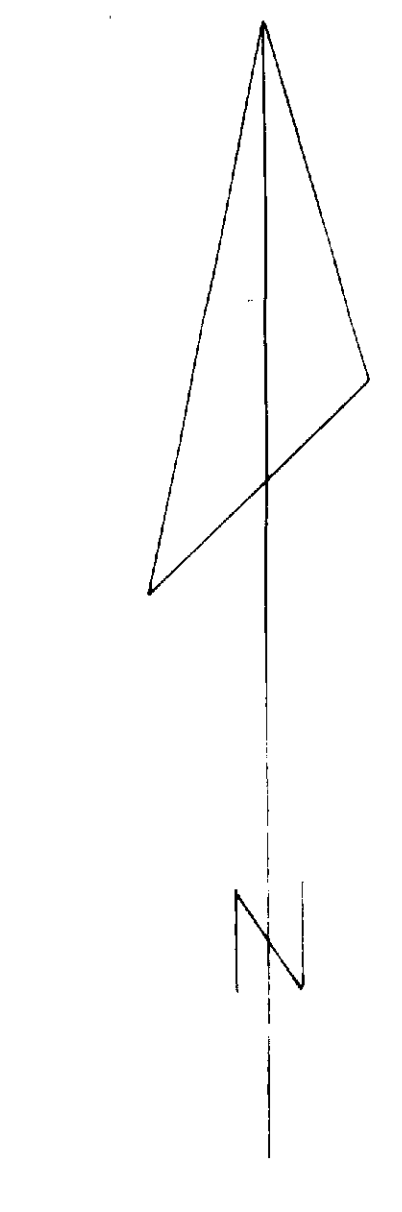
Scale: 1:2500 Date: Sept 1988.

2.11795

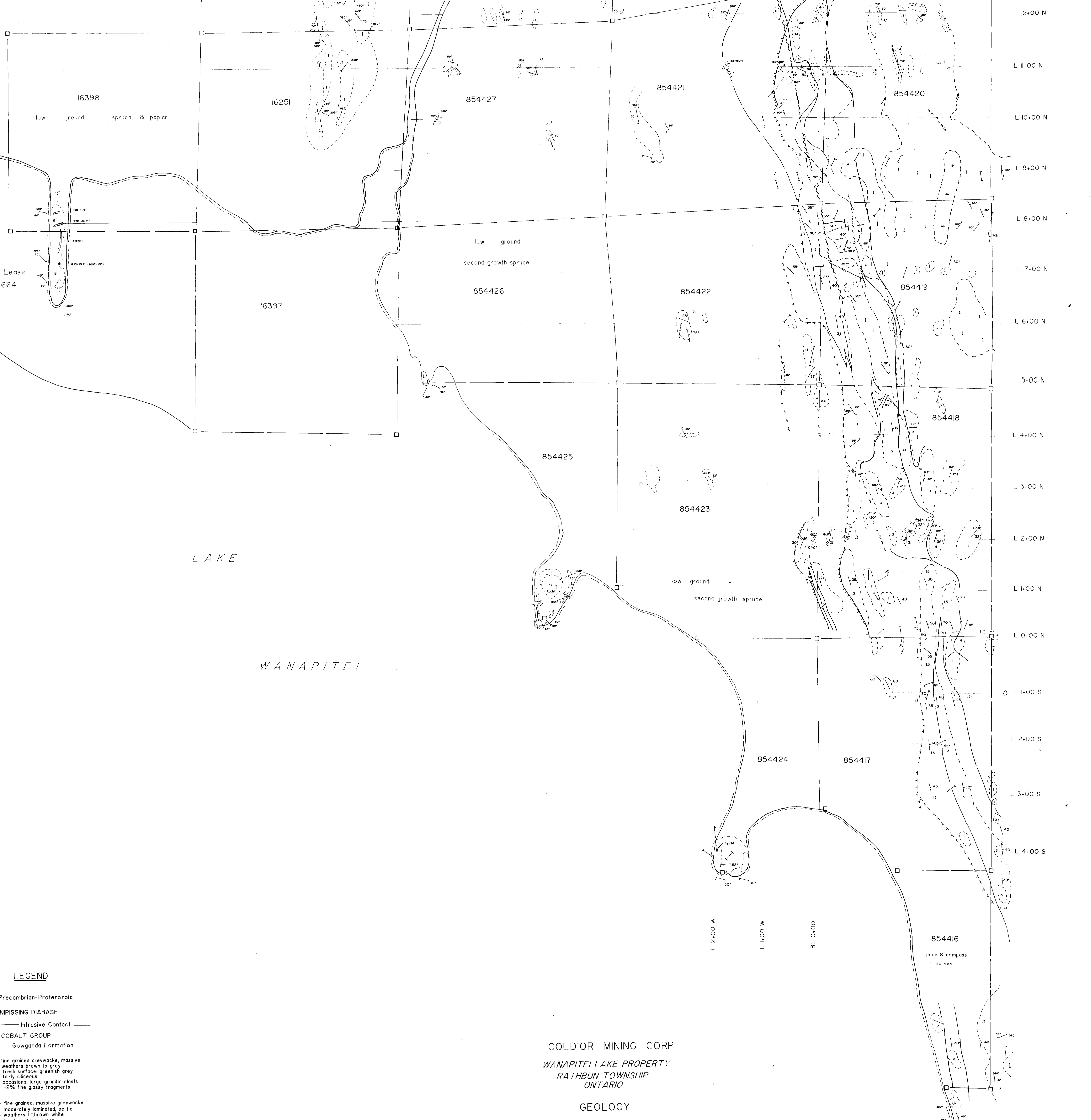


L 12+00 W L 11+00 W L 10+00 L 9+00 W L 8+00 W L 7+00 W L 6+00 W L 5+00 W L 4+00 W L 3+00 W L 2+00 W L 1+00 W L 0+00

L 19+00 N
L 18+00 N
L 17+00 N
L 16+00 N
L 15+00 N
L 14+00 N
L 13+00 N



Scale: 1:2500
metric



L 12+00 N
L 11+00 N
L 10+00 N
L 9+00 N
L 8+00 N
L 7+00 N
L 6+00 N
L 5+00 N
L 4+00 N
L 3+00 N
L 2+00 N
L 1+00 N
L 0+00 N
L 1+00 S
L 2+00 S
L 3+00 S
L 4+00 S

16398
low ground - spruce & poplar
16251
16397
low ground -
second growth spruce
854426
854422
854419
854418
854423
low ground
second growth spruce
854424
854417
854416
pace & compass
survey

LEGEND

Precambrian-Proterozoic

NIPissing DIABASE

— Intrusive Contact —

COBALT GROUP

Gowganda Formation

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- weathers brown to gray
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- fairly siliceous
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- 1-2% fine glassy fragments

- fine grained, massive graywacke
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LEGEND

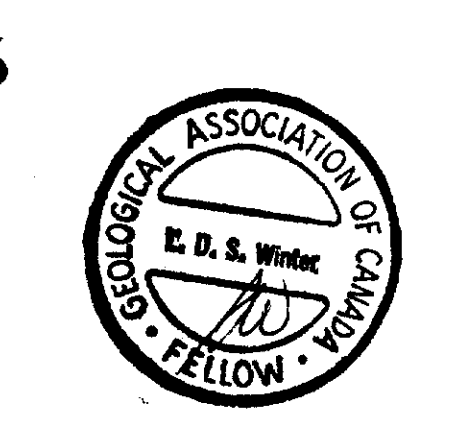
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- Q quartz

GOLDOR MINING CORP
WANAPITEI LAKE PROPERTY
RATHBUN TOWNSHIP
ONTARIO

GEOLOGY

Scale: 1:2500 Date: Sept 1988.

2.11795



L 1+00 E
L 2+00 E
L 3+00 E

Prepared by: Norwin Resources Ltd.