010

COMSTATE RESOURCES LTD.

Geological Report

Carr Township Property

Matheson Area, Ontario

District of Cochrane

Roberta Bald

October 1, 1983

Timmins, Ontario

R. Bald,
Geologist

SUMMARY:

Limited bedrock exposure on the Carr Township property reveals northwesterly-trending pillowed, carbonatized iron tholeiites. The mafic metavolcanic flows contain at least three subparallel, possibly en echelon, mineralized quartz-rich zones exposed in old trenches and pits for a strike length of at least 600 feet. A northerly-trending diabase dike intrudes the metavolcanic rocks.

Conclusions and Recommendations:

1 - All outcrops of mafic metavolcanic rocks are carbonatized, suggesting a favourable environment for gold mineralization.

2 - At least three subparallel, possibly en echelon zones of quartz veining with accompanying sulphide (pyrite and locally arsenopyrite) mineralization over a strike length of about 600 feet are exposed in old trenches and pits.

3 - The old trenches that are now filled in should be cleaned out and possibly blasted to expose bedrock. Backhoe stripping would also be useful to expose more outcrop, especially in the trenched areas. Additional sampling, including channel sampling, should be done in any newly exposed mineralized outcrops.

4 - A detailed resistivity survey, possibly using an EM-16R, should be done to trace the sulphide-bearing quartz-rich zones along strike where no bedrock crops out. The eastward extension of these zones is especially interesting because of the northerly trending cross-fault indicated by the Wilcarr Mines Limited magnetic survey (File T-132, Ontario Geological Survey, Assessment Office, Toronto).

Table of Contents

Figures/Tables

Introduction

Sixteen unsurveyed, contiguous claims owned by D.R. Pyke, 31 Delair Cres., Thornhill, Ontario were mapped from July 12 to July 19, 1983. The claims are numbered and located as follows:

L 568712	NE ¼, S ½, Lot 1, Conc. 6	Carr Township
L 568713	NW ¼, S ½, Lot 1, Conc. 6	Carr Township
L 568722	NE ¼, N ½, Lot 2, Conc. 6	Carr Township
L 568723	NW ¼, N ½, Lot 2, Conc. 6	Carr Township
L 568926	NE ¼, S ½, Lot 2, Conc. 6	Carr Township
L 568927	SE ¼, N ½, Lot 2, Conc. 6	Carr Township
L 568928	SW ¼, N ½, Lot 1, Conc. 6	Carr Township
L 568929	SE ¼, N ½, Lot 1, Conc. 6	Carr Township
L 577708	SW ¼, N ½, Lot 2, Conc. 6	Carr Township
L 577709	NW ¼, S ½, Lot 2, Conc. 6	Carr Township
L 584122	SE ¼, N ½, Lot 3, Conc. 6	Carr Township
L 584123	NE ¼, N ½, Lot 3, Conc. 6	Carr Township
L 584124	NW ¼, N ½, Lot 3, Conc. 6	Carr Township
L 584125	SW ¼, N ½, Lot 3, Conc. 6	Carr Township
L 586125	NE ¼, N ½, Lot 1, Conc. 6	Carr Township
L 586130	NW ¼, N ½, Lot 1, Conc. 6	Carr Township

Field Method

The claims were covered by a grid with 200 foot lines cut perpendicular to a baseline striking 095° AZ. Outcrops were outlined by pace and compass method. Tree types, glacial and cultural features were noted. A total of 13 rock samples were collected and assayed for gold and arsenic. The assay results are not available at the time of writing.

Location, Access and Topography

The Carr Township property is located in the northeast corner of Carr Township, District of Cochrane, Larder Lake Mining Division, about six miles north of the town of Matheson, Ontario.

Access to the general area is good, as Highway 101 passes along the southern boundary of Carr and Beatty Townships. A dirt bush road traverses part of the claim group and extends northwest from an all-weather concession road approximately one mile to the southeast in Beatty Township.

Outcrop is extremely sparse in the area, accounting for less than one percent of the township. The area is essentially flat lying, being extensively covered by glacial deposits of sand and clay. A clay plain, which runs across the northeast corner of Carr Township and into the southwest corner of Beatty Township, covers the southern portion of the claim group (Prest, 1951). Lady Maude Lake covers the northeast corner of the property.

Acknowledgments

The capable assistance of J. Bald during the mapping of this property is gratefully acknowledged.

Previous Work

The area was first mapped by Knight et al, in 1919, as part of the Abitibi - Nighthawk gold area regional survey. In 1945, the Carr Township area was mapped by Prest (1951) at a scale of one inch to 1000 feet. During the same summer, the easterly adjoining township of Beatty was mapped by Satterly and Armstrong (1947).

The property was first held by the Carlo Mining Syndicate, who opened up a number of trenches on very short, but high grade gold-bearing ore shoots (File T-132, Ontario Geological Survey, Assessment Office, Timmins).

In 1944, the Carlo property, as well as an extensive area of land to the west, was acquired by Wilcarr Mines Limited. A magnetic (Askania magnetometer) survey of the property was carried out by Wilcarr Mines during the period June, 1944 - November, 1944 (File T-132, O.G.S., Assessment Office, Timmins). During this time, the property was grid mapped at a scale of 1 inch to 200 feet. The survey was fundamental in delineating the Pipestone Fault near the Carr - Wilkie Township boundary, and also outlined a considerable number of magnetic anomalies on the property.

During the periods June, 1944 - January, 1945 and May, 1945 - November, 1945, Wilcarr Mines drilled 39 diamond drill holes, mostly put down along the sedimentary-volcanic contact and the fault zone (File T - 132, O.G.S., Assessment Office, Timmins). Fourteen of the holes, totalling 5202 feet, were drilled on the property now held by Comstate.

Holes 1 to 8 were short holes, drilled under the veins exposed at the Carlo showing. Although quartz veins and carbonatized and silicified lavas were intersected, gold values were low, the best intersection being 0.07 ounces of gold per ton over 2.5 feet. From the remaining drilling on the property, the best assay was 0.25 ounces of gold per tone over 0.3 feet.

Regional Geology

Two major east-west trending subparallel fault zones, the Pipestone and Destor-Porcupine Faults, traverse the area. They enclose a group of largely turbiditic sediments, tentatively interpreted to be in an anticlineal structure (Prest, 1951). Bounding the sedimentary sequence to the north and south are mafic to ultramafic rocks. The contact between the sediments and mafic volcanics is roughly coincident with the fault zone on either side of the sedimentary succession (Figure 1).

Small stocks of syenite and granite were emplaced in close proximity to the fault zones, some of which contain gold-bearing veins, suggestive of analagous situations occurring within the Kirkland Lake gold camp.

Alteration, predominantly in the form of carbonatization and serpentinization, are features common to both fault zones; in addition, carbonatization is locally pervasive in the surrounding sedimentary and volcanic rocks.

Cross faults and diabase dikes, trending north and northeast, occur commonly in the area.

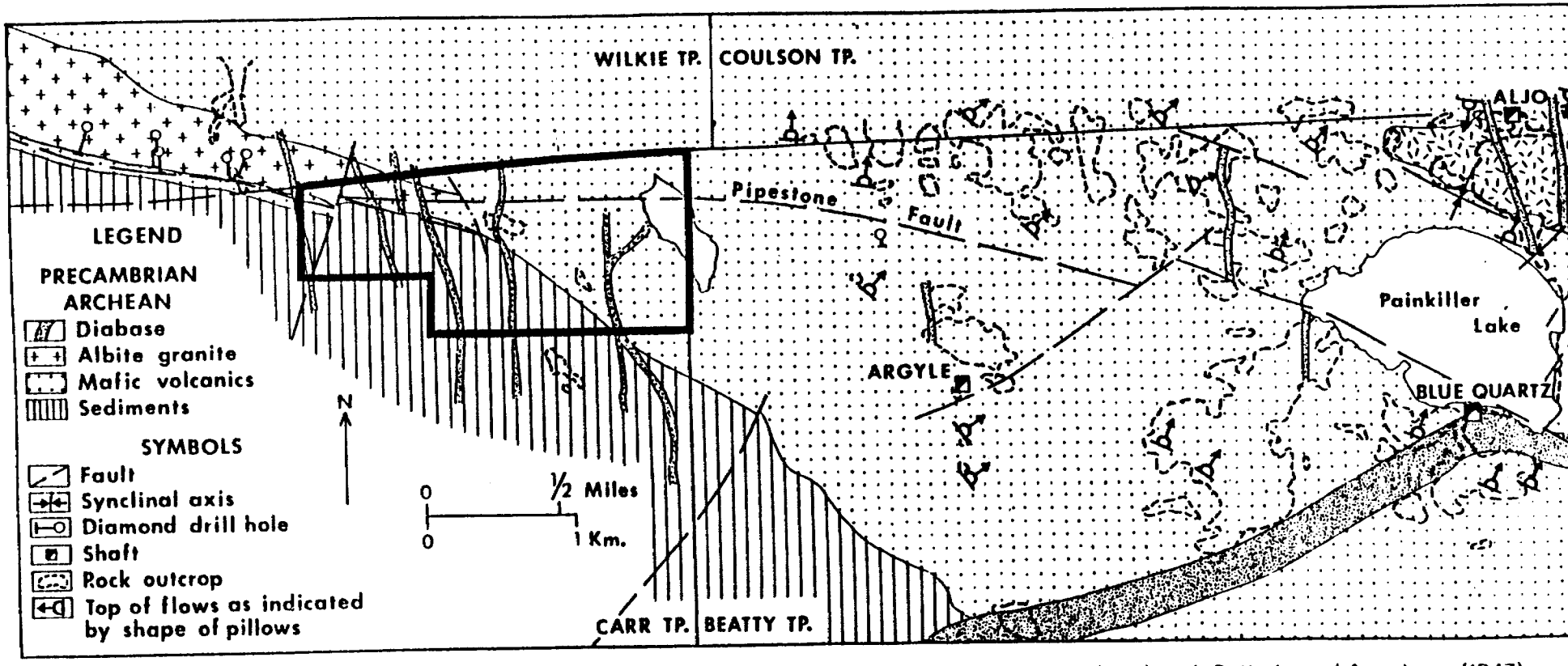


Figure 1 - General geology in vicinity of the Carr property. Modified after Prest (1951) and, Satterly and Armstrong (1947)

Mineralization

Other gold occurrences in the area (Figure 1) (Satterly and Armstrong, 1947) have included:

1. The Aljo Mine - 42 ounces of gold recovered in 1940,
2. The Blue Quartz Gold Mine - 81 ounces of gold recovered between 1923 - 1934,
3. The Argyle Gold Mine - 30 ounces of gold recovered in 1918.

All of the above mines had extensive underground development, the gold being confined to quartz veins striking in a general northeast direction.

Property Geology

Limited outcrop on the property shows a diabase dike, trending 015° AZ and dipping vertically, intruding pillowed mafic metavolcanic rocks (Figure 2).

The mafic metavolcanic rocks are pillowed iron tholeiitic flows. Pillow selvages are variably well defined, up to one-half inch wide, and showing rusty brown weathering to poorly defined, thin, dark green chloritic zones. The well-defined pillows weather buff, light grey, brownish grey or grey. The pillows are stretched parallel to the foliation, striking from 140° AZ to 093° AZ, and dipping steeply north. Some pillows have been stretched to about a 20:1 ratio. Hyaloclastite was rarely observed between pillows and a small exposure of pillow breccia occurs at

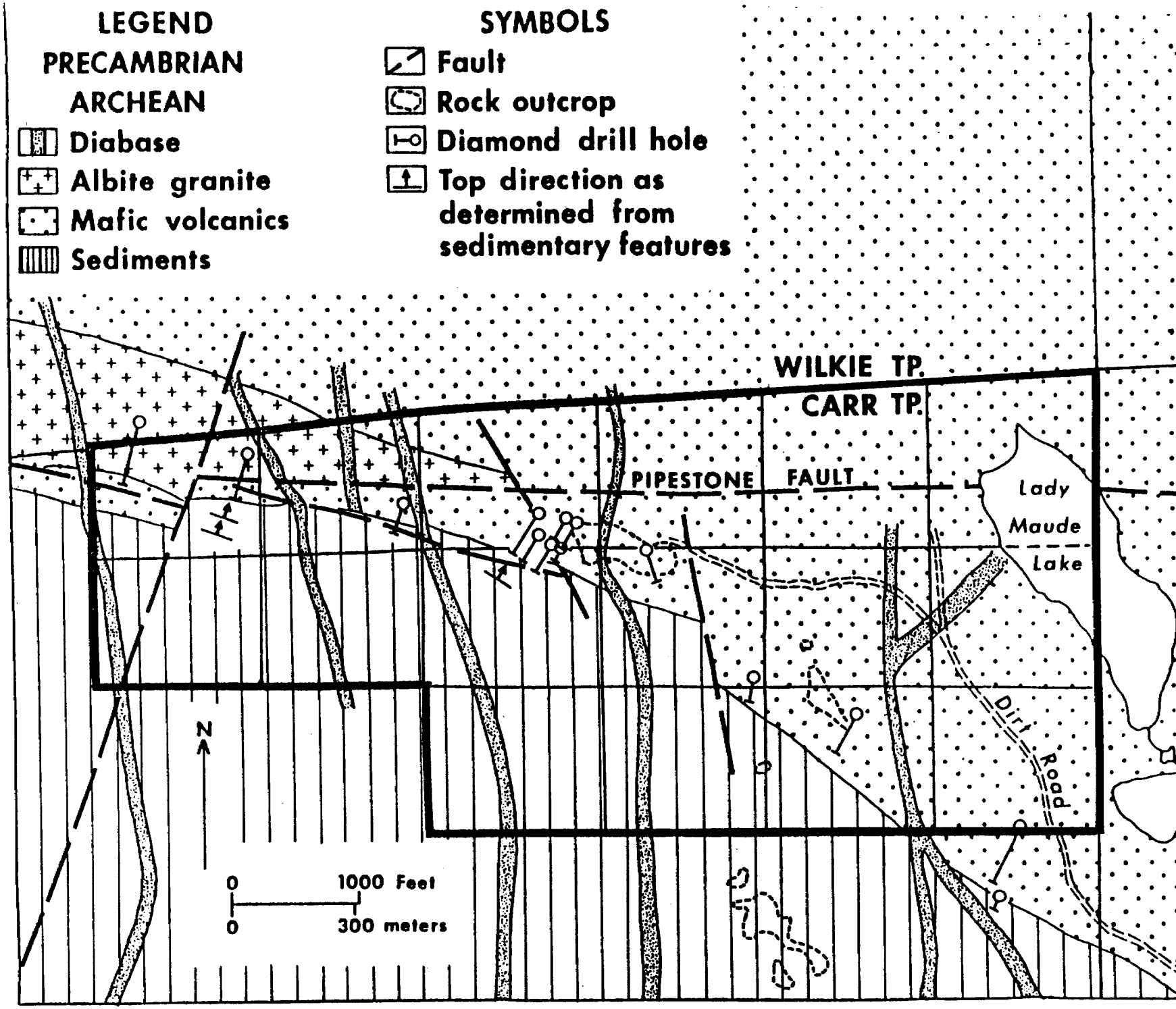


Figure 2 – Geology of Carr property. After Prest (1951)

35 + 20 W, 2 + 90 N. The flows are fine-grained to rarely medium-grained, slightly to mederately foliated, strongly to moderately carbonatized and are dark green, green, greenish grey or dark grey on fresh surface. They locally contain less than 0.1 inch in diameter, round to elliptical white carbonate spots, locally containing fine-grained pyrite, which are possible anygdules. The carbonate spots locally weather orange. Except close to quartz veins, the mafic metavolcanic rocks contain less than one percent fine-grained, disseminated pyrite and rarely about one percent patchy, fine to medium-grained disseminated chalcopyrite.

The diabase dike is fine to medium-grained, magnetic, non-carbonatized, dark grey-black on fresh surface and weathers brownish grey. A number of other diabase dikes occur on the property (File T-132, O.G.S., Assessment Office, Timmins) but are covered by overburden.

Economic Geology

A number of trenches and pits were located during mapping. Nine trenches were filled in. Outcrop was exposed in three pits and eleven trenches, including four in diabase. A total of six samples were taken from six trenches and two pits showing a quartz vein or rarely silicified zone, from 1.5 inches to one foot wide (Table 1). Local carbonate veins also occur. The quartz veins/silicified zones contain up to ten percent coarse to fine-grained, dusty disseminated pyrite and locally up to one percent medium to coarse-grained arsenopyrite, with up to 1-2 percent sulphides occurring

in the metavolcanic wall rocks within one to six inches of the vein margins. The fine-grained mafic metavolcanic host rocks are strongly carbonatized, greenish-grey to grey on fresh surface and locally exhibit orange, iron carbonate weathering.

Roberta Bald

Table 1: Description of trenches and pits

Trenches	Location	Trend	Veins	Sulphides	Sample
A	33+40W, 2+50 to 2+95 N	North	Carbonate ± qtz	Approx. 10% pyrite, approx. 1% aspy.	R-69
B	33+90W to 34+05W, 2+65 N	East	2 inch wide qtz. ± carbonate	pyrite	R-70
C	36+00W, 2+70N to 2+95N	North	6 inch wide silicified zone	2-3% pyrite	no sampl
D	37+40W, 2+60N to 2+90N	North	schistose mafic volcanic	up to 3% pyrite	no sampl
E	37+70W, 4+00N to 4+15N	North	6 inch wide qtz.	Approx. 5% pyrite and arsenopyrite	R-72
F	38+00W, 5+20N to 38+30W, 5+10N	East-northeast	up to one foot wide quartz	up to approx. 5% pyrite	R-73
Pits					
G	35+50W, 2+65N	-	Approx. 1.5 inch wide quartz	Approx. 1-2% pyrite	R-71
H	39+30W, 4+00N	-	quartz	Approx. 2-3% pyrite	R-74
I	40+75W, 6+30N	-	three inch quartz	barren	no sample

References

Knight, C.W., Burrows, A.G., Hopkins, P.E. and Parsons, A.L.

1919: Abitibi - Night Hawk Gold Area; Ont. Bur. of Mines, Vol. 28, pt. 2, p. 1-70

Prest, V.K.

1951: Geology of the Carr Township Area; Ont. Dept. of Mines, Vol. 60, pt. 4, 24p. Accompanied by Map 1951-1, Scale 1 inch to 1000 feet

Satterly, J. and Armstrong, H.S.

1947: Geology of Beatty Township; Ont. Dept. of Mines, Vol. 56, pt. 7, 34p. Accompanied by Map 1947-2, Scale 1 inch to 1000 feet.

Ministry of Natural Resources

Report of Work #249

(Geophysical, Geological, Geochemical and Expenditures)

(full 2 568927)

The Mining A 42A09SW0165 2.5887 CARR 900

Type of Survey(s)	Township or Area
GEOLOGICAL	CARR

Claim Holder(s)	Prospector's Licence No.
Dale Pyke	K19126

Address: c/o P.O. Box 1163, Timmins, Ont.

Survey Company

Date of Survey (from & to): 28 06 83 (Day Mo. Yr.) — 17 08 83 (Day Mo. Yr.)

Total Miles of line Cut: 16.48

Name and Address of Author (of Geo-Technical report): Roberta Bald, #304-25 VILLA RD., TORONTO, ONTARIO M6W1M4

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	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	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	

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.

Date: Aug. 30/83 — Recorded Holder or Agent (Signature): Roberta Bald

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	568712	
	568713	
	568722	
	568723	
	568926	
	568927	
	568928	
	568929	
	577708	
	577709	
	584122	
	584123	
	584124	
	584125	
	586125	
	586130	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
SEP 10 1983
MINING LANDS SECTION

LAKE ER LAKE MINING DIV
RECEIVED
SEP - 1 1983
AM 7 8 9 10 11 12 1 2 3 4 5 PM

Total number of mining claims covered by this report of work: 16

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
640	SEP 1 1983	
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Roberta Bald, c/o Dale Pyke, P.O. Box 1163, Timmins, Ont. P4N7H9

Date Certified: August 30/83

Certified by (Signature): Roberta Bald

Lands Admin

Ministry of Natural Resources
Ontario

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

The Mining Act

2.5887

Instructions: – Please type or print. Od 30 #249
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

(full L568927)

Type of Survey(s)	Township or Area
GEOLOGICAL	CARR

Claim Holder(s): Dale Pyke — Prospector's Licence No.: K19126

Address: c/o P.O. Box 1163, Timmins, Ont.

Survey Company

Date of Survey (from & to): 28 06 83 (Day | Mo. | Yr.) — 17 08 83 (Day | Mo. | Yr.)

Total Miles of line Cut: 16.48

Name and Address of Author (of Geo-Technical report): Roberta Bald, #304-25 VILLA RD., TORONTO, ONTARIO M8W1M4

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	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	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	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	568712	
	568713	
	568722	
	568723	
	568926	
	568927	
	568928	
	568929	
	577708	
	577709	
	584122	
	584123	
	584124	
	584125	
	586125	
	586130	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
SEP 0 1983
MINING LANDS SECTION

LARDER LAKE
RECEIVED
SEP - 1 1983
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Total number of mining claims covered by this report of work: 16

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: SEP 1 1983	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: Aug. 30/83 — Recorded Holder or Agent (Signature): Roberta Bald

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Roberta Bald, c/o Dale Pyke, P.O. Box 1163, Timmins, Ont.

PAN 749

Date Certified: August 30/83 — Certified by (Signature): Roberta Bald

(91 9)

Ontario

Ministry of Natural Resources

File _____

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 CARR TOWNSHIP

Claim Holder(s) D.R. Pyke

Survey Company COMSTATE RESOURCES

Author of Report Roberta BALD

Address of Author 304-25 Villa Rd, Toronto

Covering Dates of Survey JUNE 28/83 - Aug 30
(linecutting to office)

Total Miles of Line Cut 16.40

SPECIAL PROVISIONS CREDITS REQUESTED

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

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	40
Geochemical	

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

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

DATE: Oct. 5, 1983 SIGNATURE: Roberta Bald
Author of Report or Agent

Res. Geol. _____ Qualifications 2.3530

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	568712
L	568713
L	568722
L	568723
L	568926
L	568927
L	568928
L	568929
L	577708
L	577709
L	584122
L	584123
L	584124
L	584125
L	586125
L	586130

TOTAL CLAIMS 16

If space insufficient, attach list

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 _____ 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 _____

ASSESSMENT WORK BREAKDOWN

1. Type of Survey GEOLOGICAL

2. Township or Area CARR TOWNSHIP

3. Numbers of Mining Claims Traversed by Survey L568712, L568713, L568722, L568723, L568926, L568927, L568928, L568929, L577708, L577709, L584122, L584123, L584124, L584125, L586125, L586130

4. Number of Miles of Line Cut 16.48 Flown

*5. Number of Stations Established

*6. Make and type of Instrument Used

*7. Scale Constant or Sensitivity

*8. Frequency Used and Power Output

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.)

Total 8 hour Line-Cutting Days

Calculation

Technical	x 7 =		+ Line-cutting	=	÷ Number of claims	= Assessment credits per claim

The dates listed on this form represent working time spent entirely within the limits of the above listed claims ☐ Check
If otherwise, please explain

Dated: October 5, 1983 Signed: Roberta Bald

Note: (A) * Complete only if applicable.
(B) Complete list of names, addresses and dates on reverse side.
(C) Submit separate breakdown for each type of survey.
(D) Submit in duplicate.

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.5887

Date 1984 01 16

Mining Recorder's Report of Work No. 249

Recorded Holder: DALE PYKE

Township or Area: CARR

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	L 568712-13
Magnetometer _____ days	568722-23
Radiometric _____ days	568926 to 928 inclusive
Induced polarization _____ days	577708-709
Other _____ days	584122 to 25 inclusive
Section 77 (19) See "Mining Claims Assessed" column	586130
Geological 40 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

20 days credit	30 days credit
586125	568929

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:

0229 (83/8)

Ministry of Natural Resources
Ontario

Geotechnical Report Approval

File 2.5887

Mining Lands Comments

☐ To: Geophysics

Comments

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

☑ To: Geology - Expenditures Ms. Kusha.

Comments

☒ Approved ☐ Wish to see again with corrections | Date Dec. 14/83. | Signature C Kusha

☐ To: Geochemistry

Comments

L 10

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

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

1593 (81/10)

1983 10 19 2.5887

Mr. George J. Koleszar
Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

We have received reports and maps for a Geological survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims L 568712 et al in the Township of Carr.

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

Yours very truly,

E.F. Anderson
Director
Land Management Branch

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

D. Kinvig:mc

cc: Dale Pyke
P.O. Box 1163
Timmins, Ontario
P4N 7H9

Ministry of Natural Resources
Ontario

Application for Extension of time

Name of applicant

Address

Telephone

Claim numbers

Total Claims

Reasons why work not done

Length of time desired

Approximate date when work will commence

Type and extent of work contemplated (indicate total number of days work to be performed)

Have metal tags been affixed to claim corner posts?

Date of Application

19

Signature of Applicant

Ministry of Natural Resources
Ontario

Feb 6, 1984

Your file: 249

.1984 01 16

Our file: 2.5887

Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kirkland Lake, Ontario
P2N 1A2

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:sc

Encls:

cc: D. Pyke
31 Delair Crescent
Thornhill, Ontario
L3T 2M3

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

845 FILE

Ministry of Natural Resources

Ontario

Notice of Intent

for Technical Reports

1984 01 16

2.5887

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.

2.5887

1984 02 10

Our File: 2.5887

Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Geological Survey on Mining Claims L 568712 et al in the Township of Carr.

The Geological Survey assessment work credits as listed with my Notice of Intent dated January 16, 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,

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:sc

cc: D. Pyke
31 Delair Crescent
Thornhill, Ont
L3T 2M3

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

cc: Resident Geologist
Kirkland Lake, Ontario

2.5887

		Col.		
L	568 712	✓	584 123	✓
	713	✓	124	✓
	722	✓	125	✓
	723	✓	586 125	½
	568 926	✓	586130	✓
	927	✓		
	928	✓		
	929	¼		
	577 708	✓		
	709	✓		
	584 122	✓		

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	(R)
CANCELLED	⊗
SAND & GRAVEL	(S)

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

WILKIE TWP. M-398

2.5887

TAYLOR TWP. M-391

BEATTY TWP. M-324

BOWMAN TWP. M-333

MATHESON

Lady Maude Lake

Lloyd Lake

Black River

Watabeag River

Jean L.

BALLAST PIT

Rep. 64358

OC 1911

VI V IV III II I

12 11 10 9 8 7 6 5 4 3 2 1

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
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

NOTES

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

L.O. 8672 for flooding rights along the shores of Black and Watabeag rivers.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

ACRES	HECTARES
40	16

TOWNSHIP OF

CARR

DISTRICT

COCHRANE

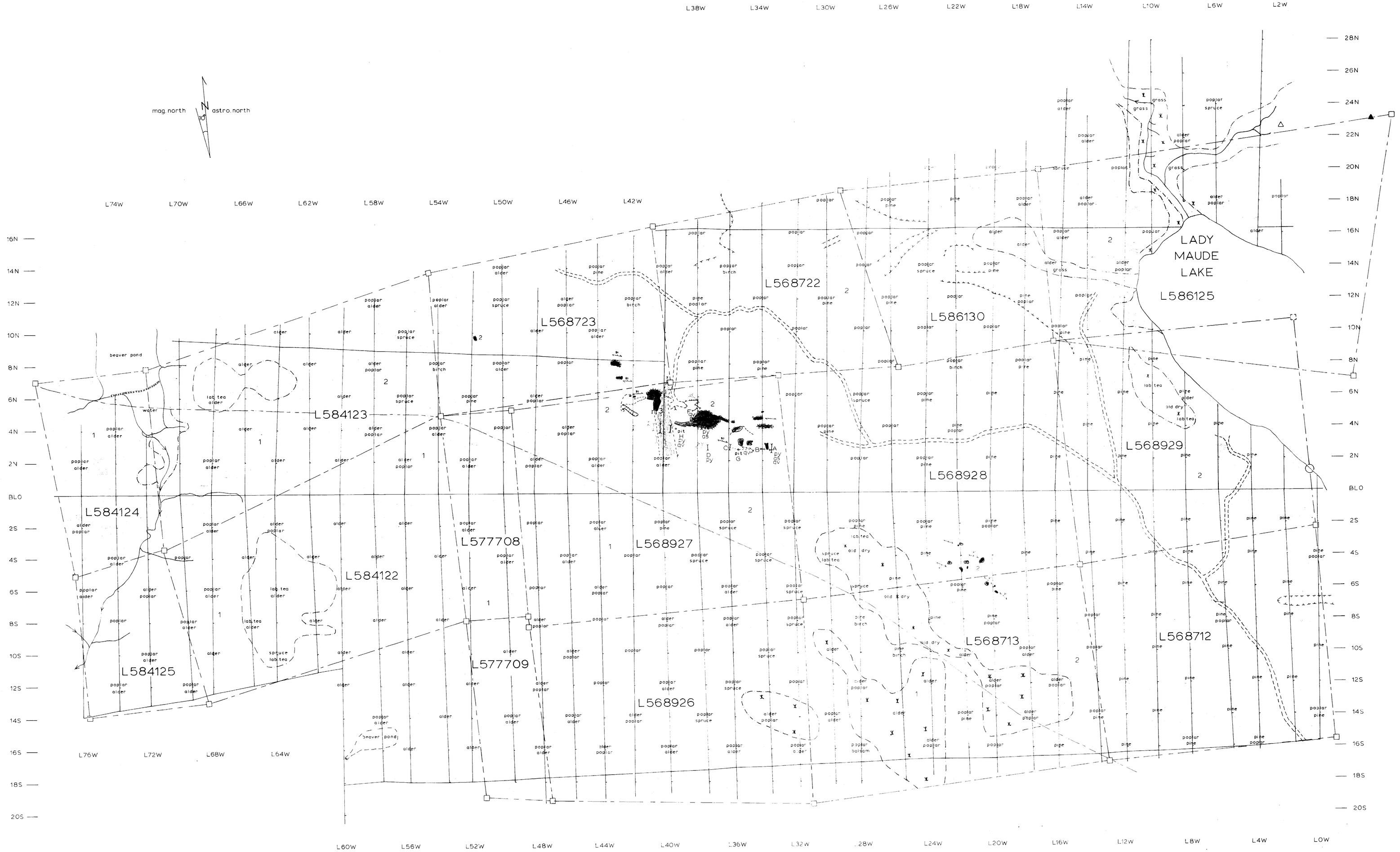
MINING DIVISION

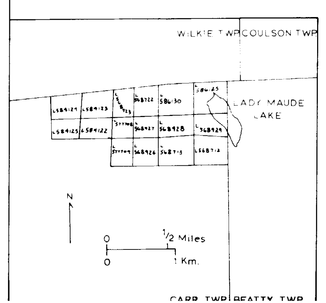
LARDER LAKE

DATE OF ISSUE
DEC 19 1933
Ministry of Natural Resources
TORONTO

Ontario Ministry of Natural Resources — Surveys and Mapping Branch

Date	Plan No.
FEB./80	M-335
National Topographic Series	





LEGEND

- Outcrop
- Outcrop, with well defined edge
- Outline of outcrop area
- Strike of foliation, dip
- Contact observed, interpreted
- Contact, according to assessment data
- Trench in outcrop
- Trench in boulders
- Claim post
- Claim post (not located)
- Projected position of claim post
- qv Quartz vein
- py Pyrite
- Witness post
- L577709 Claim number
- Claim boundary line
- Corner survey post BEATTY, WILKIE, CARR TWPS
- Corner survey post: BEATTY, WILKIE, COULSON TWPS
- Outline of clearing
- Swamp
- Esker
- Stream, direction of flow
- Beaver dam
- Road
- cp Chalcopyrite
- as Arsenopyrite

LEGEND

- Diabase
- Intrusive Contact
- [2] Pillowed, mafic metavolcanic rocks
- [1] Metasedimentary rocks

COMSTATE RESOURCES LTD.

GEOLOGICAL MAP

CARR TWP.
MATHESON AREA, ONT.

Date: July, 1983 | Drawn by: R. Bald, J. Bald

Scale: 1" = 200' | 0 200' 400'

Roberta Bald