PERI PROJECT

GEOLOGICAL EVALUATION OF

THE PERI CLAIMS

NORTHWESTERN ONTARIO, NTS 52F/7

KENORA MINING DIVISION

BOYER LAKE TOWNSHIP

Report No. 12-87
October 1987

By: Mark Hiltz
Geologist

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Summary

The 1987 Peri Project consisted of a detailed evaluation of the original Peri claim and 16 other claims staked in October 1986 and May 1987 respectively. During May 1987, 59 man-days were spent on these claims where trenching, sampling and geological mapping were undertaken.

Results from the 1987 Peri Project were unfavourable and no further exploration is recommended.

Introduction

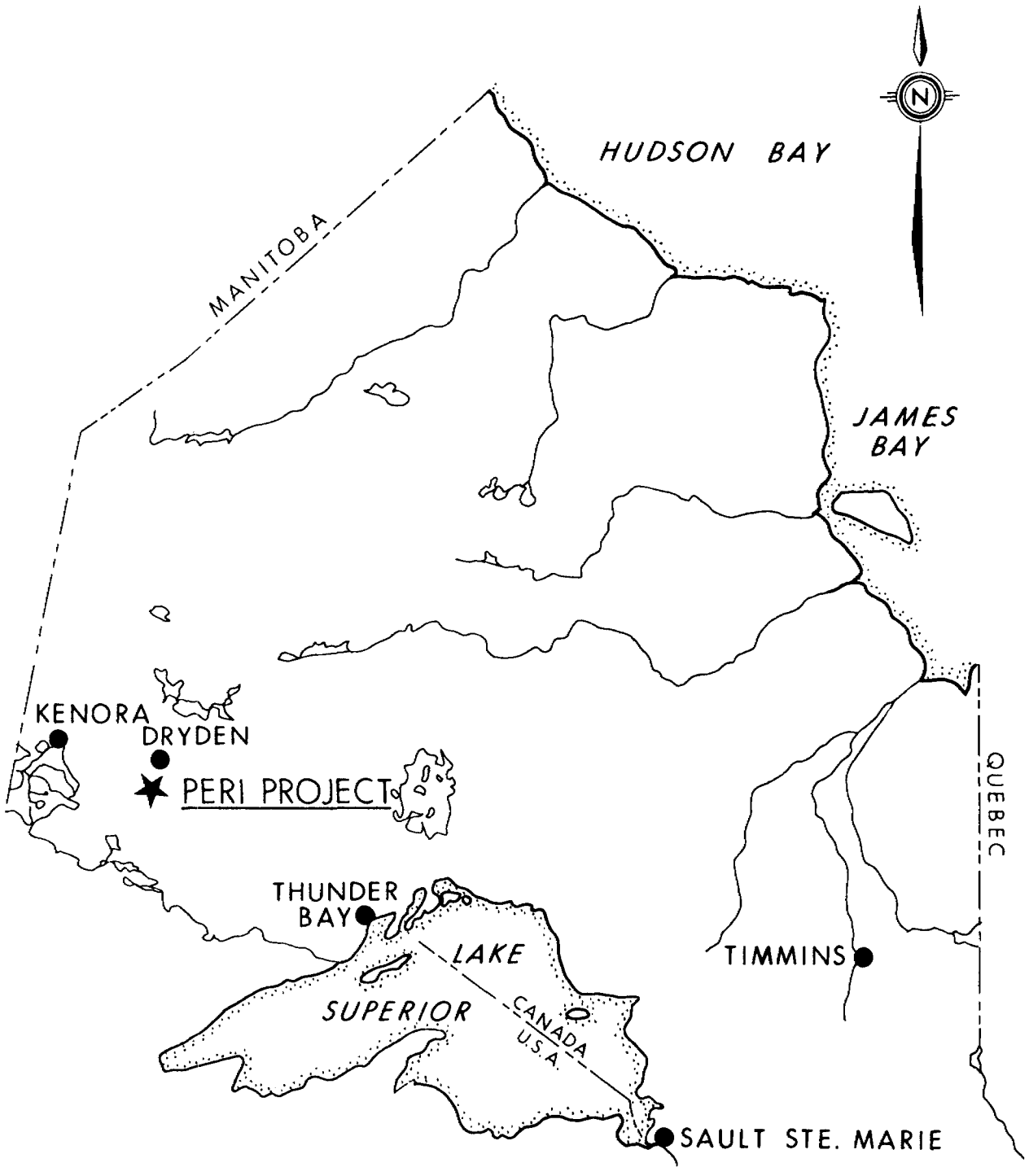
The goal of the Peri project was to evaluate the claims near Dryden, Ontario held by Abermin Corporation. Four claims were staked as a result of a northwest Ontario gold reconnaissance project in October 1986. An additional 16 claims were staked in the Spring of 1987. Work during 1987 included trenching, sampling and mapping of the original "Road Showing" as well as prospecting and mapping of the property.

Between 1895 and 1912 and again in the 1930's, there was much prospecting for gold within the vicinity of the Peri claims. Several historic small gold producers are located northwest of the Peri claims. The gold mineralization is thought to be related to the Manitou Straits Fault (3.5 km northwest of the Peri claims) and occurs in altered mafic volcanic rocks.

Location, Access, Topography, Personnel

The Peri claims are located within Boyer Lake Township, 90 kilometres SSE of Dryden in northwestern Ontario (Figure 1). Access to the property is from Highway 502 and along a network of logging roads. Most of the property has been logged and rock exposure is excellent. Topography is moderate with elevations between 400 and 470 metres above sea level.

A crew of three worked on the property from May 13 to May 30, 1987. The crew consisted of Ken Reading (Contract Prospector), Al Cole (Assistant) and Mark Hiltz (Geologist). Barry Smee (Abermin Exploration Supervisor) visited the property between May 25 and May 30, 1987. A total of 59 man days were spent evaluating the Peri Claims.



ABERMIN CORPORATION

FIG. No. 1

LOCATION MAP

PERI PROJECT 1987

DATE	SCALE	NTS	DRAWING NO
MAY, 1987	ABOVE	52 F/7	

M. A. P.

Geology

The Peri claims lie within the Archean age Manitou-Stormy Lakes metavolcanic-metasedimentary belt which is some 20 km wide and 80 km long. The Manitou Straits Fault is a dominant northeast trending structural feature in the belt and is located 3.5 km northwest of the Peri claims.

Within the boundaries of the Peri claims the geology consists of metavolcanics (greenschist facies) which have been intruded by the Mountdew Lake gabbroic body, followed by intrusion of feldspar porphyry dykes and plugs. Abundant faulting and shearing, many which have the northeast trend of the Manitou Straits Fault are present throughout the property.

The metavolcanics are of mafic to intermediate composition and are typically fine grained flows although there are pillows, breccias and amygduloidal flows present. Pillows indicate tops to the southeast. The gabbroic intrusive varies from medium to coarse grained and appears to be more dioritic along it's northern boundary. Late feldspar porphyry dykes seem to be related to the faults in the area as the dykes often have sheared contacts. Only the metavolcanics have a foliation which is northeast striking and nearly vertical.

Economic Geology

During the 1987 Peri project a total of 21 rock samples and 4 panned concentrates were assayed for gold. Gold concentrations ranged between 5 and 525 ppb; one panned concentrate contained 2135 ppb gold.

The mineralized zone discovered in 1986 was named the Road Showing. This Showing was hand trenched and washed with a high pressure water pump. Channel samples from the mineralized zone were obtained using a gasoline powered rock saw. Channel samples were approximately 3 cm wide, 4 cm deep and of variable lengths.

Mineralization in the Road Showing consists of pyritized mafic metavolcanics with minor chalcopyrite, pyrrhotite and magnetite; pyrite is locally massive. The mineralization is thought to be a contact effect caused by the intrusion of either the gabbro or the feldspar porphyries and associated brecciation.

A small quartz-tourmaline-chalcopyrite vein was found 50m north of the road showing but did not carry gold values. At the contact of the gabbro and mafic metavolcanics local concentrations of magnetite and chert can be found although they did not carry gold values. The magnetite in these contact zones, as well as the Road Showing might be interpreted to be of a skarn assemblage.

Orange stained iron carbonate shear zones are found on the property but again they contained little gold. Some of these shear zones have minor sulphides associated with them.

Conclusions and Recommendations

No new gold mineralization or favourable alteration was located during the 1987 Peri Project and the known mineralization (Road Showing) did not return any significant gold values (all rock assays less than 525 ppb Au).

A property examination of ground adjacent to the north boundary of the Peri claims revealed a weakly (less than 2%) sulphidized feldspar porphyry slightly containing elevated gold concentrations (640-840 ppb Au). Perhaps the porphyries could be investigated more intensely in light of this information. Another possible target could be the contact between the gabbroic intrusive and the mafic metavolcanics where magnetite/chert "skarn-type" assemblages have been found, although, these zones carried no gold values. The iron carbonate zones may be of interest but they again returned no gold values.

It is recommended that no further exploration be carried out on the Peri claims.

Mark Hiltz

21051

TABLE 1

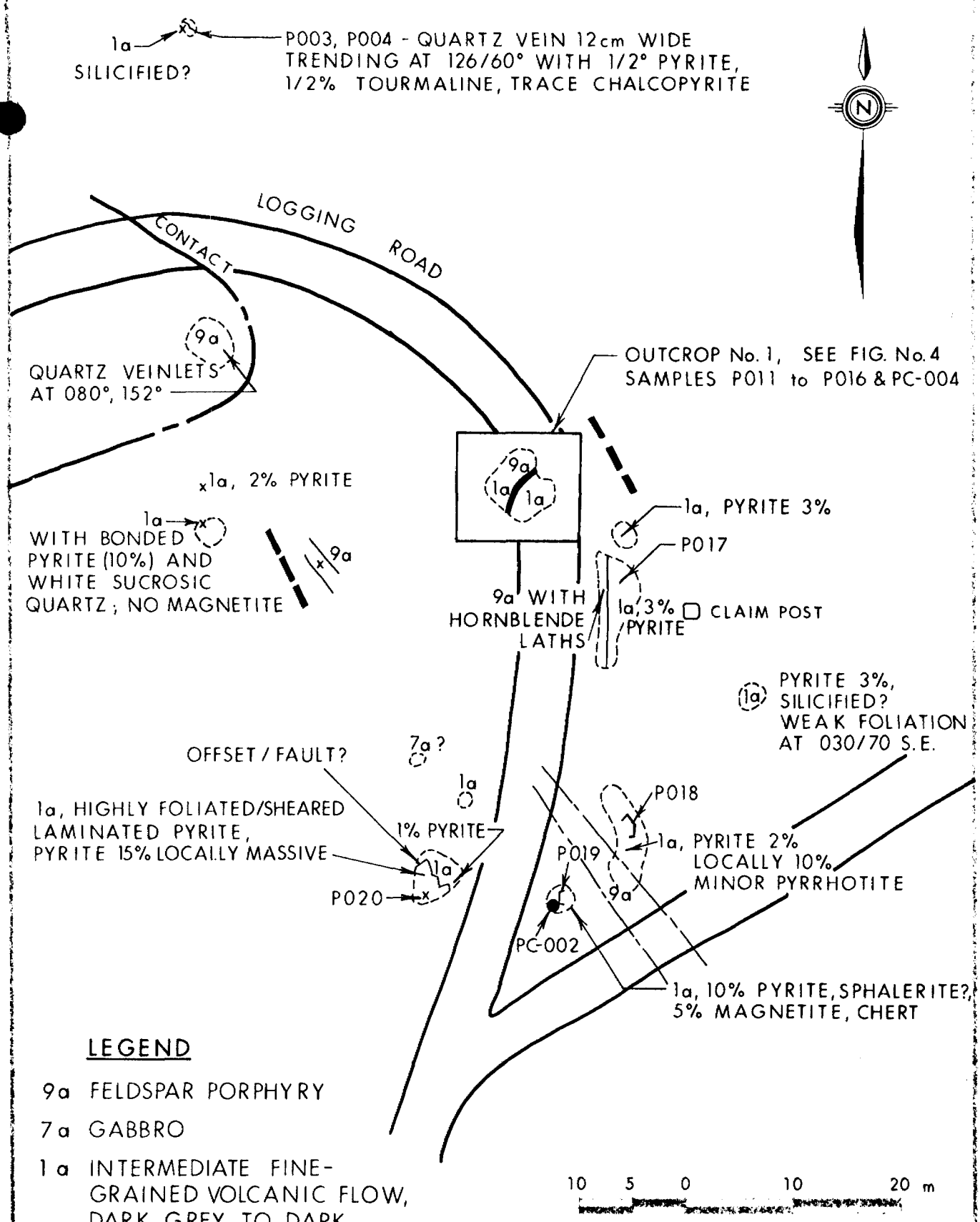
Summary of Samples within the Peri Claim Boundaries

Sample No.	Location and Description	Au ppb or oz/t
PC-002	Road Showing - Weathered material adjacent to P-020.	<0.002
PC-003	Road Showing - Weathered material from pyritic rusty mafic to intermediate volcanic.	0.061
PC-004	Road Showing - Weathered material adjacent to P-013.	<0.002
P-003	Road Showing - Quartz vein 30 m north of main showing. Qtz. vein 12 cm wide with pyrite, tourmaline, trace chalcopyrite.	0.005
P-004	Road Showing - Wall rock 30 m north of main showing Mafic to intermediate volcanic with 3% pyrite.	<0.002
P-011	Road Showing - Channel sample 212 cm long. Mineralized intermediate volcanic with 1% Py; and orange stained carbonate unit with 1% pyrite.	<0.002
P-012	Road Showing - Channel sample 83 cm long. Brecciated intermediate volcanic with 10% pyrite.	0.015
P-013	Road Showing - Channel sample 48 cm long. Feldspar porphyry dike with 1/2% pyrite, minor carbonate and a few x-cutting quartz veinlets	0.002
P-014	Road Showing - Channel sample 87 cm long. Brecciated intermediate volcanic with 40% pyrite and 20% quartz. Minor bleached gabbro also incl.	0.002
P-015	Road Showing - Channel sample 104 cm long. Brecciated intermediate volcanic with 15% pyrite	<0.002
P-016	Road Showing - Channel sample 56 cm long. Brecciated intermediate volcanic with 15% pyrite	<0.002
P-017	Road Showing - Channel sample 90 cm long. Intermediate volcanic with 3% disseminated pyrite	<0.002
P-018	Road Showing - Channel sample 128 cm long. Intermediate volcanic with 2% pyrite, locally 10%.	<0.002

TABLE 1 Con't

Summary of Samples within the Peri Claim Boundaries

Sample No.	Location and Description	Au ppb or oz/t
P-019	Road Showing - Channel sample 103 cm long. Intermediate volcanic with 10% pyrite, 5% magnetite, cherty quartz and possible trace sphalerite.	0.003
P-020	Road Showing - Grab sample altered intermediate volcanic which is highly sheared and contains 15% pyrite which is locally massive.	0.006
P-001	5476710N 523790E Mineralized rusty carbonate shear.	<0.002
PC-001	5476710N 523790E Weathered material from rusty carbonate shear.	<0.002
P-010	5475520N 524710E Weakly mineralized feldspar porphyry.	0.002
P-021	5475710N 524000E Weakly mineralized volcanic on north side of road.	45
MH 1	5474500N 525250E Chip grab across 2 m wide magnetite chert unit with up to 5% pyrite. Unit is at contact between gabbro(7a) and volcanics(1a)	<0.002
MH 2	5475595N 524665E Grab rusty silicified intermediate or felsic volcanic with bluish quartz eyes; 3-5% pyrrhotite or pyrite, slightly mineralized.	<0.002
MH870522-1	5475400N 525610 Chip grab across 2 m wide, chloritic sheared mafic volcanic (1a); euhedral pyrite up to 5%; weak carbonate.	<5
MH870524-1	5474770N 524890E Grab rusty orange yellow altered altered volcanic (1a) and sheared gabbro (7a); 2% magnetite clots; minor cherty quartz; no carbonate	50
MH870527-1	5475090N 524340E Grab magnetite chert rock with 3% pyrite. Unit found at contact between gabbro (7a) and mafic volcanics (1a).	40



LEGEND

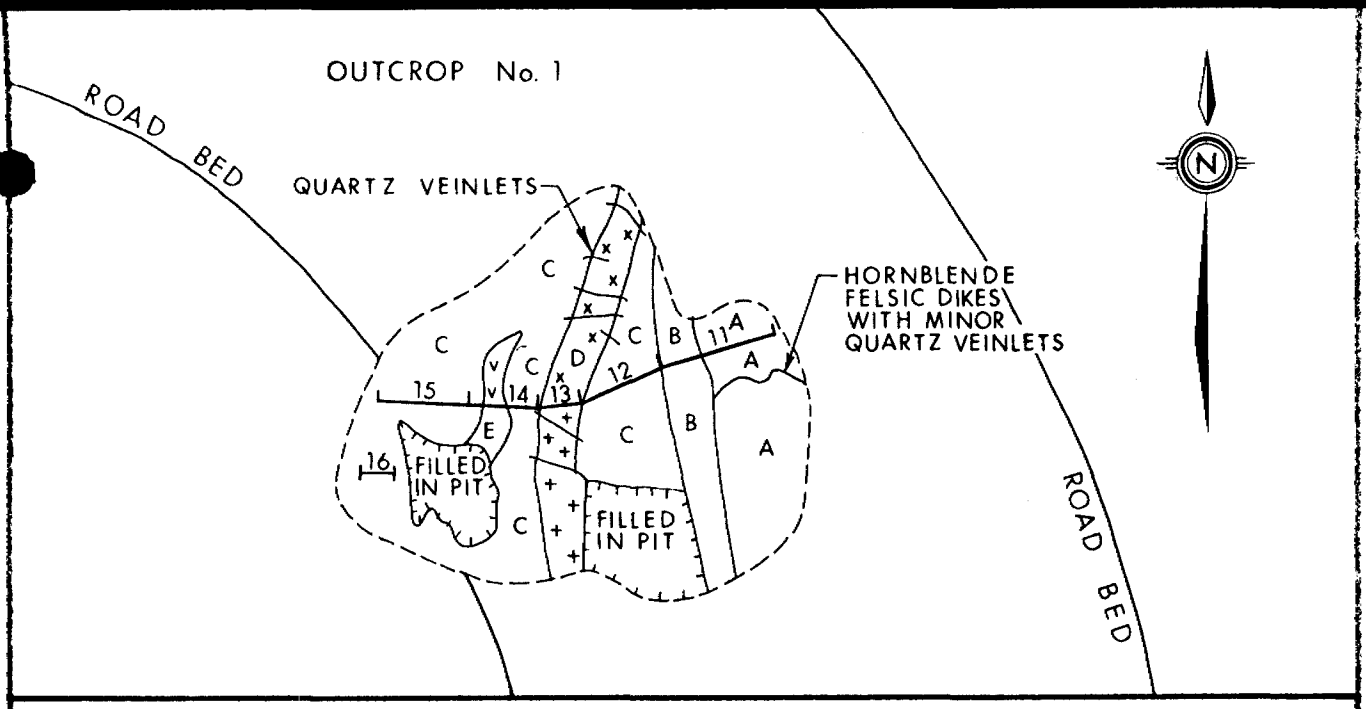
- 9a FELDSPAR PORPHYRY
- 7a GABBRO
- 1a INTERMEDIATE FINE-GRAINED VOLCANIC FLOW, DARK GREY TO DARK GREY-GREEN
- P-015 ASSAY SAMPLE
- PC-002 PAN CONCENTRATE SAMPLE
- MAG HIGH AS PROSPECTED WITH FLUXGATE MAGNETOMETER

ABERMIN CORPORATION

FIG No. 2
GEOLOGY AND SAMPLES AT THE ROAD SHOWING
PERI PROJECT 1987

DATE	SCALE	NTS	DRAWING NO
MAY, 1987	1:500	52 F/7	

M.A.P.



LEGEND

UNIT A (1a) Intermediate volcanic, grey-green, 1% euhedral pyrite, heavily jointed at 020/75° SE, 094/80° S, 330/80° NE, minor clay altered sub-angular.

UNIT B Carbonate shear, orange weathering, 1% pyrite, trending 352/80° E.

UNIT C (1a) Breccia (fault?), broken intermediate volcanic with fragments of bleached Unit E (7a); Pyrite 15% occurring as veinlets, disseminated, and massive pods; 2% quartz veinlets.

Note: between Units D and E, Unit C has 40% pyrite and 20% quartz.

UNIT D (9a) Felsic dyke trending at 010°, dip unknown; 1/2% disseminated pyrite; minor carbonate alteration; 1cm wide cross-cutting quartz veinlets at 114°, 102°, 128°.

UNIT E (7a) Gabbro, cooked (?) and sheared.

Note: main shearing at 010/60°.

1a, 7a 9a refer to units of the Peri Claim Geology Map Plate I.

SYMBOLS

2 1 0 2 4 m

Channel sample prefixed PO

TO ACCOMPANY REPORT DATED BY

ABERMIN CORPORATION

FIG. No. 3
OUTCROP No. 1
PERI PROJECT 1987

DATE	SCALE	NTS	DRAWING NO.
MAY, 1987	1:100	52 F/7	

M.A.P.

TABLE 2

Summary of Samples outside the Peri Claim Boundaries

Sample No.	Location and Description	Au ppb or oz/t
P-005	5476710N 523790E Well mineralized feldspar porphyry.	0.007
P-006	5475700N 523790E Well mineralized feldspar porphyry.	0.004
P-007	5475740N 523790E Weakly mineralized feldspar porphyry.	<0.002
P-008	5475750N 523790E Weakly mineralized feldspar porphyry.	<0.002
P-009	5475800N 523830E Weakly mineralized mafic volcanic (1a).	<0.002
P-022	5475700N 523820E Well mineralized feldspar porphyry.	65
P-023	5475700N 523822E Well mineralized feldspar porphyry.	60
PC-005	5475700N 523790E Weathered material adjacent to sample P-006 and sample P-005.	0.050
PC-006	5475740N 523790E Weathered material adjacent to sample P-007.	0.108
PC-007	5475800N 523830N Weathered material adjacent to sample P-009.	0.012

Bibliography

Blackburn, C.E. 1982: Geology of the Manitou Lakes Area
District of Kenora (Stratigraphy and Petrochemistry)
Ontario Geological Survey Report #223

APPENDIX 1

PERI PROJECT 1987 ASSAY RESULT
(BONDAR-CLEGG LABS)

...mpany Ltd.
...ve.
...r, B.C.
...5
...85-0681
...4-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 427-3110

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
R2 KR87-P-01		<0.002
R2 KR87-P-02		<0.002
R2 KR87-P-03		0.005
R2 KR87-P-04		<0.002
R2 KR87-P-05		0.007
R2 KR87-P-06		0.004
R2 KR87-P-07		<0.002
R2 KR87-P-08		<0.002
R2 KR87-P-09		<0.002
R2 KR87-P-10		0.002
R2 KR87-P-11		<0.002
R2 KR87-P-12		0.015
R2 KR87-P-13		0.002
R2 KR87-P-14		0.002
R2 KR87-P-15		<0.002
R2 KR87-P-16		<0.002
R2 KR87-P-17		<0.002
R2 KR87-P-18		<0.002
R2 KR87-P-19		0.003
R2 KR87-P-20		0.006
R2 MH-01		<0.002
R2 MH-02		<0.002
C2 PC-01		<0.002
C2 PC-02		<0.002
C2 PC-03		0.061
C2 PC-04		0.002
C2 PC-05		0.050
C2 PC-06		0.108
C2 PC-07		0.012

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3136 | PROJECT: PERI | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
R2 KR87-P-21		45
R2 MH870522-01		<5
R2 MH870522-02		<5
R2 MH870524-1		50
R2 MH870526-01		20
R2 MH870526-02		50
R2 MH870526-03		15
R2 MH870526-04		5
R2 MH870526-05		80
R2 MH870526-06		840
R2 MH870526-07		640
R2 MH870526-08		60
R2 MH870526-09		20
R2 MH870526-10		<5
R2 MH870526-11		45
R2 SJ-E-1-1		1000
C2 PC-07		360
C2 PC-08		80
C2 PC-09		720
C2 PC-10		8200
C2 PC-11		1300
C2 PC-12		100

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3526

PROJECT: PERI PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
R2 MH870527-1		40
R2 KR87P-022		65
R2 KR87P-023		60
R2 RL001		<5
R2 RL002		<5
R2 RL003	-	<5

Ministry of Northern Development and Mines

Ontario

52F07NE0030 2.10517 BOYER LAKE

900

Please type or print. # 195-87
If number of mining claims traversed exceeds space on this form, attach a list.
Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
Do not use shaded areas below.

Type of Survey(s)
Geological, Geochemical

Township or Area
Boyer Lake area G2572

Claim Holder(s)
Abermin Corporation

Prospector's Licence No.
T4657

Address
1500 - 1075 West Georgia St., Vancouver, B.C. V6E 3C9

Survey Company

Date of Survey (from & to)
13 | 05 | 87 (Day | Mo. | Yr.) — 27 | 05 | 87

Total Miles of line Cut
2

Name and Address of Author (of Geo-Technical report)
Mark Hiltz - #1 - 435 Shuter St., Toronto, Ontario M5A 1X4

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions: For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	30
	Geochemical	20
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	
Airborne Credits: Note: Special provisions credits do not apply to Airborne Surveys.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	910569	
	910570	
	910571	
	910572	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
NOV 00 1987
MINING LANDS SECTION

RECEIVED
MINES BRANCH
OCT 13 1987
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

910569

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

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	Date Recorded	Mining Recorder
200	Oct 13/87	M E Lemay (acting)
	Date Approved as Recorded	Branch Director

Date: 7 Oct 87

Recorded Holder or Agent (Signature)

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
James S. McKinney 1500-1075 West Georgia Vancouver BC

Date Certified: 7 Oct 87

Certified by (Signature)

1362 (85/12)

Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

December 21, 1987

Your File: 195-87
Our file: 2.10517

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
Box 5050
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Notice of Intent dated December 4, 1987
Geological Survey on Mining Claims K 910569 et al
in the Area of Boyer Lake

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

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

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

Telephone: (416) 965-4888

RM:pl
Enclosure: Technical Assessment Work Credits

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

Resident Geologist
Kenora, Ontario

Abermin Corporation
Suite 1500
1075 West Georgia Street
Vancouver, B.C.
V6E 3C9

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.10517

Date: Decemver 4, 1987

Mining Recorder's Report of Work No.: 195-87

Recorded Holder: Abermin Corporation

Township or Area: Boyer Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 910569 to 572 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 30 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

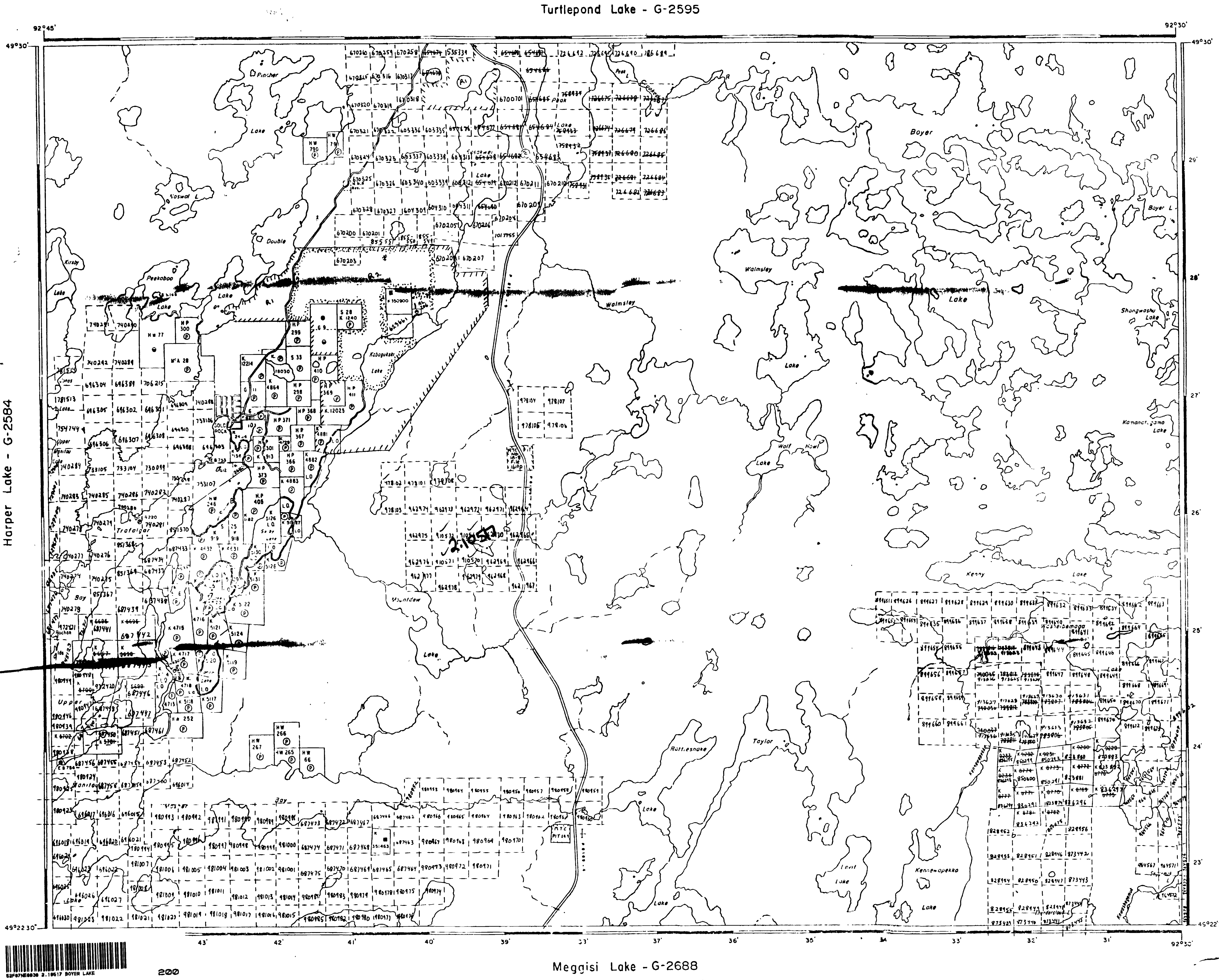
Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

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

Rock sampling part of geological survey

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.



LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	Ⓟ or ●
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	
SAND & GRAVEL	

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

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No	Date	Disposition	File
R1	W 19/85 NWR	NOV 19/85	S+MR	
R2	PENDING APPL. RE MINERAL RIGHTS			

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

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

AREA 2.10517

BOYER LAKE

M.N.R. ADMINISTRATIVE DISTRICT

DRYDEN

MINING DIVISION

KENORA

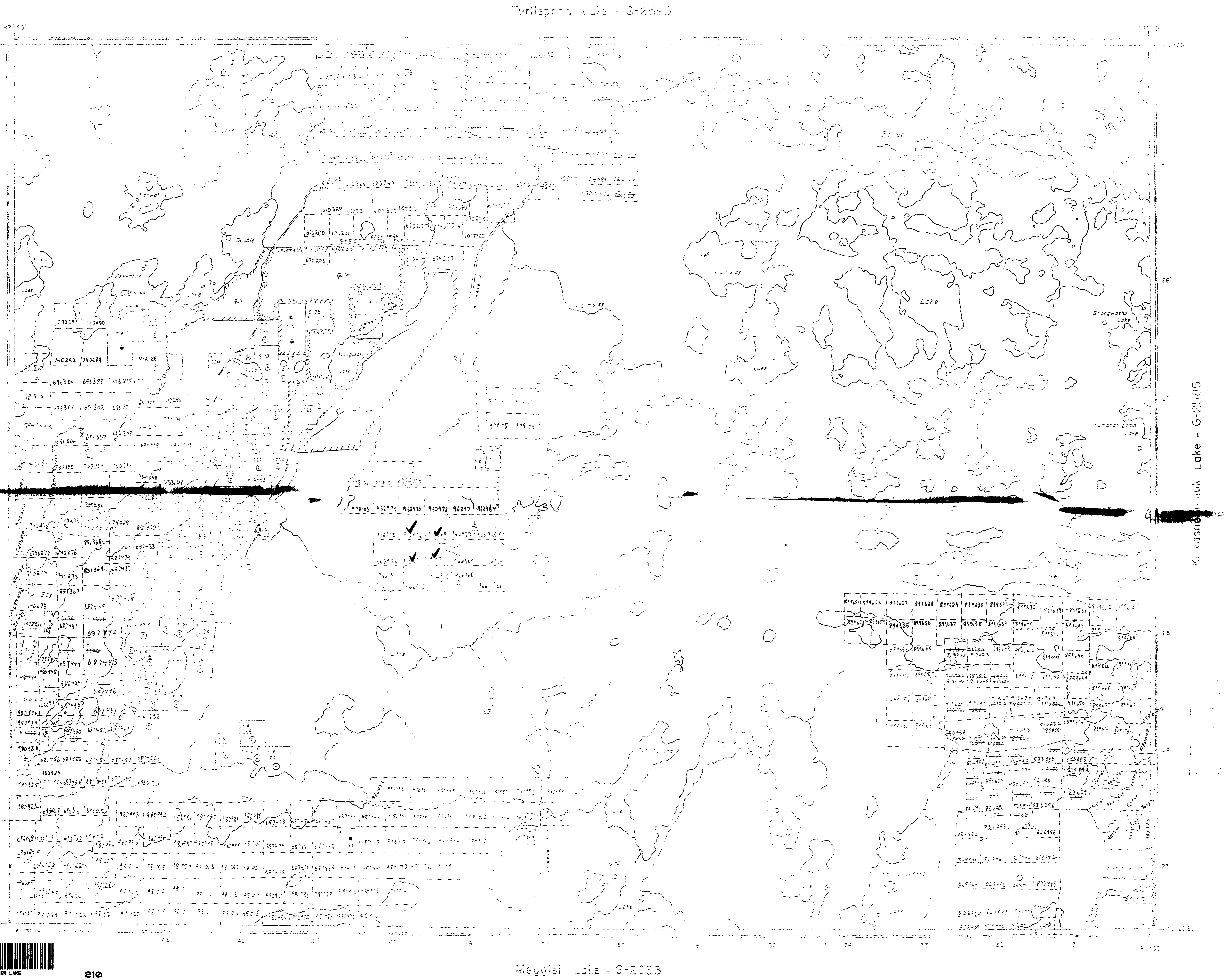
LAND TITLES / REGISTRY DIVISION

KENORA

Ministry of Natural Resources
Land Management Branch
Ontario

Date JANUARY, 1984

Number G-25



DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

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

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Symbol	Order No.	Date		File
R1	W 19/85 NWR	Nov 15/85	S+MR	
R2	Pending Ref. re mineral rights			

AREA
BOYER LAKE

KENORA

KENORA

Land Management Branch
Ministry of Natural Resources
Ontario

Date

G-2572

454957

52F07NE0030 2.10517 BOYER LAKE

210

MOUNTDEW LAKE

524,000 E

COMPILED BY EAGLE MAPPING SERVICES LTD (87-44)

ABERMIN CORP
PERI PRO
MANITOU LAKE ARE
52 F 7
SCALE 1:25(

DRYDEN 55 km

HIGHWAY 502

5,476,000 N

few quartz veinlets

1a

1a chlorite

045

042

1a possible pillows, local bleaching

swamp

swamp

1a

1g

1i

1a

bleached contorted subround fragments

1/2% disseminated euhedral Py

felsic dyke 036/90 f g 1/2% py

shear at 067°

sigmoidal ep-carb qtz vein 3 cm wide ~ 350/30°

TWIN NARROWS LAKE

1c

1a

local 1g

040° dip unknown

7a

1a

1a local 1g

more foliated

1a

swamp

massive

1a

few vesicles ∠1mm

hornblende laths slender ∠ 1% locally patches of 2% by ∠ 10cm

massive

5,475,000 N

rop

7a

045° discontinuous outcrops

Gabbro — diorite

7a w/few quartz veinlets

LITTLE ROCKS LAKE

hornblende crystals

(2) 962970
(1) 962969
(4) 962966
(3) 962965

massive

NO OUTCROP

215/85

050°

few fragments

040°

144

(3) 962966
(4) 962967
(1) 962968
(2) 962969

1a chloritic and foliated

sheared 1a

9a

chilled margin

NO OUTCROP

magnetite and chert

9629742 (2)
962968 (3)

N

5,474,000 N

525,000 E

526,000 E

LEGEND

9a FELDSPAR PORPHYRY

7a GABBRO

3c MAFIC METAVOLCANIC (DACITE QUARTZ-EYE FLOW)

1a MAFIC METAVOLCANIC, FINE-GRAINED TO MEDIUM GRAINED FLOWS

1c MAFIC METAVOLCANIC, PILLOWED FLOW

1g MAFIC METAVOLCANIC BRECCIA

1i MAFIC METAVOLCANIC AMYGDALOICLAL FLOW

NOTE : UNIT NUMBERS ARE SIMILAR TO THOSE DEFINED ON THE UPPER MANITOU LAKE - SUNSHINE LAKE 1 : 50,000 OGS MAP 2476

SYMBOLS

ROAD

GEOLOGICAL CONTACT KNOWN, APPROXIMATE

FAULT (SHEAR ZONE)

SHEAR

CLAIM POST

CLAIM BOUNDARY

FOLIATION, BEDDING, FRACTURE, PILLOWS

OUTCROP LIMITS

DATE OF PHOTOGRAPHY 1982

PLATE I
GEOLOGY MAP

2.10517

ORATION
JECT
A, ONTARIO
00

P-009
PC-007
P-008
P-007
PC-006
P-005
P-006
PC-005
P-023
P-022
P-021
MH870526-9, 10 & 11
MH870526-6 & 7
MH870526-5&8
MH870526-1,2,3 & 4
Gravel Pit
MH-2
P-010
962973
962974
962975
962976
962977
962978
910572
910571
MH11870527-1
gravel pit
ROAD SHOWING
R003 & 4
R016
" 15
" 14
" 13
R012 & " 11
R020
PC004
P017
PC003
P018
P019
PC002
MH870524-4
P-001
PC-001
P-002
MOUNTDEW LAKE
524,000 E

COMPILED BY EAGLE MAPPING SERVICES LTD (87-44)

ABERMIN CORPORATI
PERI PROJEC
MANITOU LAKE AREA, ON
52 F 7
SCALE 1:2500

MAP

52F07NE0030 2.10517 BOYER LAKE

230

HIGHWAY 502

DRYDEN
55 km

5,476,000 N

962972

962971

962964

MH870522-2
MH870522-1

TWIN NARROWS LAKE

962965

5,475,000 N

910569

962970

910570

962969

962966

MH-1

962979

962968

962967

N

5,474,000 N

525,000 E

526,000 E

DATE OF PHOTOGRAPHY 1982

ON
T
TARIO

LEGEND :

- △ ROCK
- O PANNED CONCENTRATE
- ROADS
- CLAIM BOUNDARY
- PROPERTY BOUNDARY

PLATE II
SAMPLE LOCATION MAP

x' 10517