



REPORT

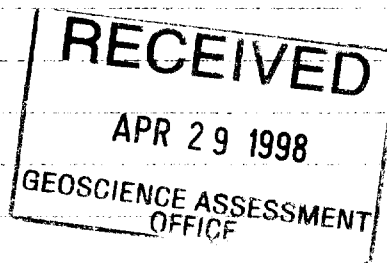
Mallard Twp.

Porcupine Mining Division

Work Conducted:

- Prospecting
- Plugger drilling & blasting
- Assays

J. Richard Morin
April 29, 1998.





41009NW2002

2.18430

MALLARD

010C

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 OFFICE

Appendix

1- Basemap showing work location

- | | |
|------|---|
| Area | 1 |
| ✓ | 2 |
| ✓ | 3 |
| ✓ | 4 |

Pocket

2- Assay Results

Introduction:

on May 22, 23 and 29 Richard Morin et al travelled to the property and carried out traditional prospecting, plugger drilling, blasting and sample collection which were forwarded to Swastika Lab for assaying.

Ownership:

Property is held by Roger Denormée Denis Morin, Richard Morin, Fred Ross and George Ross.

Geology

Mallard Twp. is in the Abitibi greenstone belt, Porcupine Mining Division. Predominant rock types are mafic metavolcanics flows with a few local mafic intrusives (gabbro diorite). Also present in the area are locally intercalated intermediate and felsic metavolcanics and felsic intrusives (granodiorite) quartz monzonite. A pervasive schistosity in the area strikes at 30-40°.

Regional geology of Mallard Twp. is covered in Ontario Geological Survey report 248 Geology of the Garnet Lake Area 1987.

Location and Access

Map N.T.S. 41-0/NE Ridout Figure No. 1
Property is in Mallard Twp, Porcupine
mining Division, claim map sheet G-1171,
N.T.S. Map 41-0/NE Ridout.

Latitude: $47^{\circ}41.70'$ Longitude $82^{\circ}16.00'$

Vehicular access is readily gained
From Timmins via paved highways 101 to
144 south to the junction of highway 144
and the Sultan industrial road, thence
west along the Sultan road for 46 km,
to a road junction in Edith Twp. and
then north via a gravel road (E.B. Eddy Co.)
for 26 km to the bridge on the
Opepeesway River. Total distance to
the bridge is approx. 226 km.

Property consists of 11 claims (13 units)
in south central Mallard Twp.

Map G-1171 Figure No. 2

P 1084655	1 unit
P 1084656	"
P 1084657	"
P 1084659	"
P 1084660	"
P 1177541	"
P 1177542	"
P 1177543	"
P 1177545	"
P 1177546	"
P 1154723	3 units

Access and Location Figure No. 1

N.T.S. 41-0/NE RIDGUT

82° 16.00'

Location of Project

47° 41.70'

GARNET Loc. #

Wakami

River BENTON

MALLARD

ERIC

RICE

LAKE

FAWN

ESTHER

OSWAY

HUFFMAN

POTIE

to Sultan

Mallard Road

OPEEPESWAY

East LAKE Arm

G KONG

EDITH

FINGAD

ARBUS

YEO

Area: Swayze Gold Township: Mallard Mining Division: Porcupine Claim Map sheet: G 1171

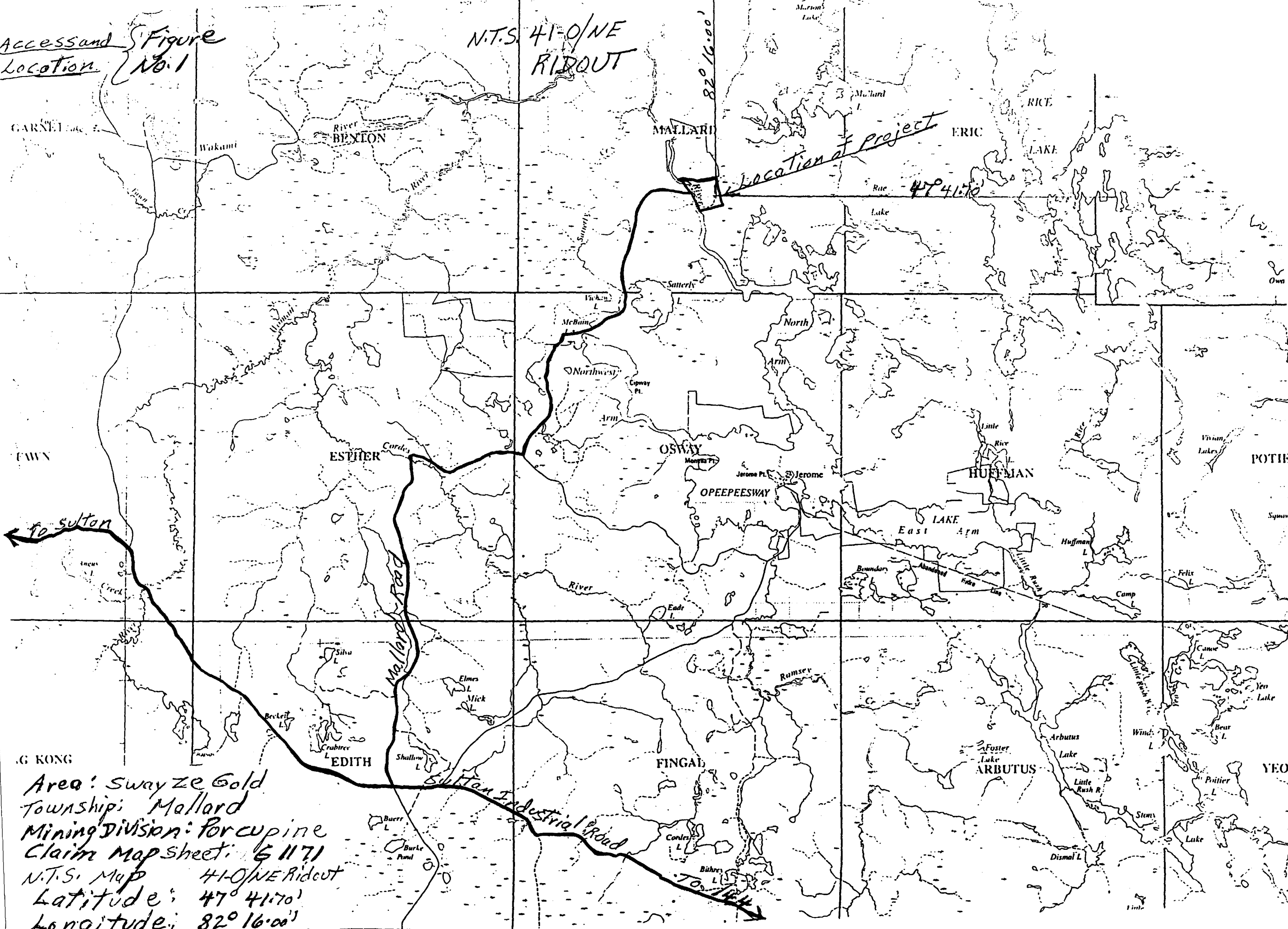
N.T.S. Map 41-0/NE Ridgut

Latitude: 47° 41.70'

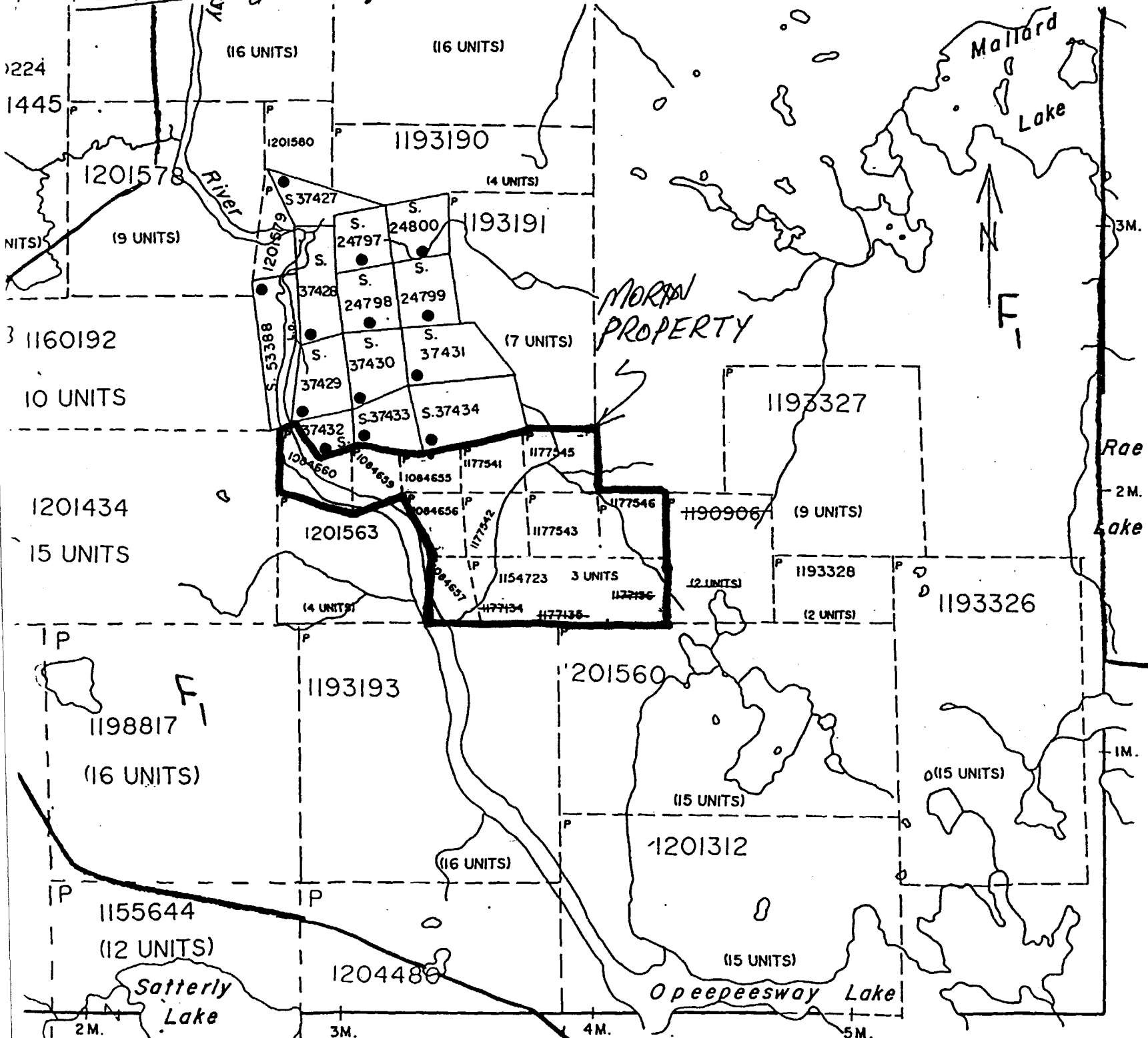
Longitude: 82° 16.00'

Sultan Industrial Road

TO LAKE

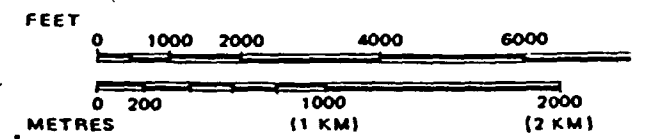


G-1171 Figure No. 2



ERIC TWP.

SCALE: 1 INCH = 40 CHAINS



ACRES	HECTARES
40	16

TOWNSHIP OF
MALLARD
G1171
 DISTRICT OF
 SUDBURY
 MINING DIVISION
 PORCUPINE

Previous work:

1- September 1991 (Denomme et al)
Stripping to expose along strike
of Gold showing Found spring 1991,
Followed by staking. Contract
work carried out by Kapel's backhoe service.

2- September - October 1991.
Copperquest Inc. an Ont. Junior,
implemented a surface exploration
program on the property: backhoe
stripping, power pump washing channel
samples and assaying.

3- Summer 1992, Norex drilling (6 holes)

4- Summer 1995

- Grid established: 19.5 km of lines

- Geophysics:

Magnetometer 1400 Readings

VLF 700 Readings

Induced Polarization 4.3 km.

- Traditional prospecting sample
collection and assaying.

PROJECT:

AREA 1 ON LINE L 2 E at 265 METERS SOUTH
An area of approx. 35 ft x 50 ft was partially
cleaned by scarification then manually cleaned.
A total of 8 plugger holes were drilled
and blasted then sampled. 4 Samples taken
as follows.

- Sample # 24301 - Assaying 0.002 - oz/TON
ALTERED TUFF with ANKERITE, Py, CPY. Fuccite
- # 24302 - assaying 0.029 - oz/ton
ALTERED TUFF with Py, CPY. Po. ANKERITE
- # 24303 - assaying 0.017 - oz/TON
ALTERED TUFF with Py. Po.
- # 24304 - assaying 0.007 - oz/TON
ALTERED TUFF with Py & MINOR CPY

AREA 2 AT LINE "O" at 250 South.
An old pit was found, measuring approx
8 ft wide by 12 ft long by 8 ft deep. Very little
mineralization found in the quartz vein system.
Approx 150 ft Northwest from pit we plugged
4 plugger holes & sampled same. 2 Samples
taken as follows.

- Sample # 24306 assaying 0.001 - oz/TON
QTZ VEINING with Py & MINOR Fuccite
- # 24305 assaying 0.005 - oz/TON
QTZ VEINING with STAINING MINOR Py.

AREA 3 on line 5W at 575 South

An area of approx 20ft by 35ft was partially stripped by scarification then manually stripped & cleaned.

A total of 4 holes were drilled to a depth of 2ft using a plugger, the holes were blasted and sampled. One sample was taken as follows.

Sample # 24307. - Not sent in for Sample

AREA 4
Old Showing East of line 1E at 50 South

this area is part of work performed in 1991 on a shear zone approx 65ft wide. We wanted fresh samples and assay results therefore 3 plugger holes were drilled, blasted and sampled, as follows.

Sample # 24308 assaying 0.204 oz/ton

QTZ VEIN IN CHLORITE SHEAR - Py. Cpx. Malachite

24309 assaying 9.244 oz/ton

QTZ VEIN, CHLORITE SHEAR - MASSIVE CLY, Py Malachite

Recommendations:

- Property should be prospected, special attention should be paid along the coincidental mag-VLF conductors to try and explain them.
- Areas other than the cut-over sites, could be subjected to a ~~hurry~~ sampling program to try & identify anomalous gold zones.
- Stripping & Trenching, in areas that warrant further investigation, to be done.
- Diamond drilling will ultimately be required to fully explain some of the anomalies.

"Appendix 2"



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Assay Certificate

7W-2078-RA1

Company: **D. MORIN**

Date: JUN-02-97

Project:

Attn: D. Morin

We hereby certify the following Assay of 4 Rock samples submitted MAY-26-97 by .

Sample Number	Au oz/ton	Au Check oz/ton	Ag oz/ton
24301	0.002	-	0.03
24302	0.029	0.030	0.03
24303	0.017	0.017	0.02
24304	0.007	-	0.02

One assay ton portion used.

Certified by

(7)



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Assay Certificate

7W-2146-RA1

Company: **D. MORIN**

Date: JUN-03-97

Project:

Attn: D. Morin

We hereby certify the following Assay of 4 Rock samples submitted MAY-30-97 by .

Sample Number	Au oz / ton	Au Check oz / ton
24305	0.005	-
24306	0.001	-
24308	0.194	0.204
24309	9.244	9.489



Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) 15986-00472 Assessment Files Research Imaging



41009NW2002 2.18430 MALLARD

900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the d to review the assessment work and correspond with the mining land holder. ing Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240. - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name: J. Richard Morin, Client Number: 172554, Address: 133 Shallot cres. North Bay Ont. P1A 3V7, Telephone Number: 705) 476-2389

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type: Prospecting, plugger drilling and blasting sample collection and assaying. Office Use: Total \$ Value of Work Claimed \$3,175. Dates Work Performed: From 22 05 97 To 29 05 97. Township/Area: Mallard Twp. Mining Division: Porcupine. Resident Geologist District: Wiggins.

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: J. Richard Morin, Telephone Number: 705) 476-2389. Name: Denis Morin, Telephone Number: 705) 899-2077. Name: Swastika Labs (Assays), Telephone Number: 705) 642-3244.

4. Certification by Recorded Holder or Agent

I, J. Richard Morin, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: J. Richard Morin, Date: April 29/98, Telephone Number: [blank], Fax Number: [blank]

Deemed July 28/98

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous line must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1084656	1	475	0	0	475
2 1177542	1	900	0	800	100
3 1177543	1	300	0	0	300
4 1154723	3	1500	0	0	1500
5 1084659	1	0	400	0	0
6 1084660	1	0	400	0	0
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		3175	800	800	2375

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I, J. Richard Morin (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: J. Richard Morin Date: April 29/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		



Ontario

Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)

W9860.00472

Personal information collected on this form is obtained under the authority of subsection 8(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit	Total Cost
Report	1 dy.	150.	150.
Plugger drilling blasting	19 2 Ft. holes		
sample collection	8 samples Swastika Lab (Assays)		129.
3 people May 22 & 23	6 dys	150.	900.
4 people May 29	4 dys	150.	600.
1 person sample delivery	1 dy	150.	150.
Associated Costs (e.g. supplies, mobilization and demobilization).			
Plugger Rental	3 dys.	50.	150.
Fuses Blime Powder			124.
Gas & Oil Bits			65.
Blue Prints & Photocopies			20.
Transportation Costs			
one vehicle 1 Trip	Juando to Timmins 220km	.30¢	66.
one 4x4 Vehicle 3 Trips	Juando to property 450km	.30¢	135.
one pickup 1 Trip	Timmins-property 452km	.30¢	136.
Food and Lodging Costs			
3 Men x 3 dys = 9	} 11 dys.	50.	550.
1 Man x 2 dys = 2			
Total Value of Assessment Work			3,175

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Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claim, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, J. Richard Morin, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as recorded holder. I am authorized to make this certification.

Signature: Richard Morin Date: April 29/98

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

July 21, 1998

RICHARD JOSEPH MORIN
133 SHALLOT CRESCENT
NORTH BAY, Ontario
P1A-3V7

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.18430

Status

Subject: Transaction Number(s): W9860.00472 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in *Section #6 of the Declaration of Assessment work form.*

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18430

Date Correspondence Sent: July 21, 1998

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00472	1084656	MALLARD	Approval	July 21, 1998

Section:

10 Physical PTRNCH

10 Physical PSTRIIP

Note, in subsequent submissions of this type, please ensure that the nature of the rocks and mineralization exposed is shown on accompanying detailed maps.

Correspondence to:

Resident Geologist
South Porcupine, ON

Recorded Holder(s) and/or Agent(s):

RICHARD JOSEPH MORIN
NORTH BAY, Ontario

Assessment Files Library
Sudbury, ON

DENIS CONRAD MORIN
FOLEYET, Ontario

1511-C

WPT QPAGAM

1511-C

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	○

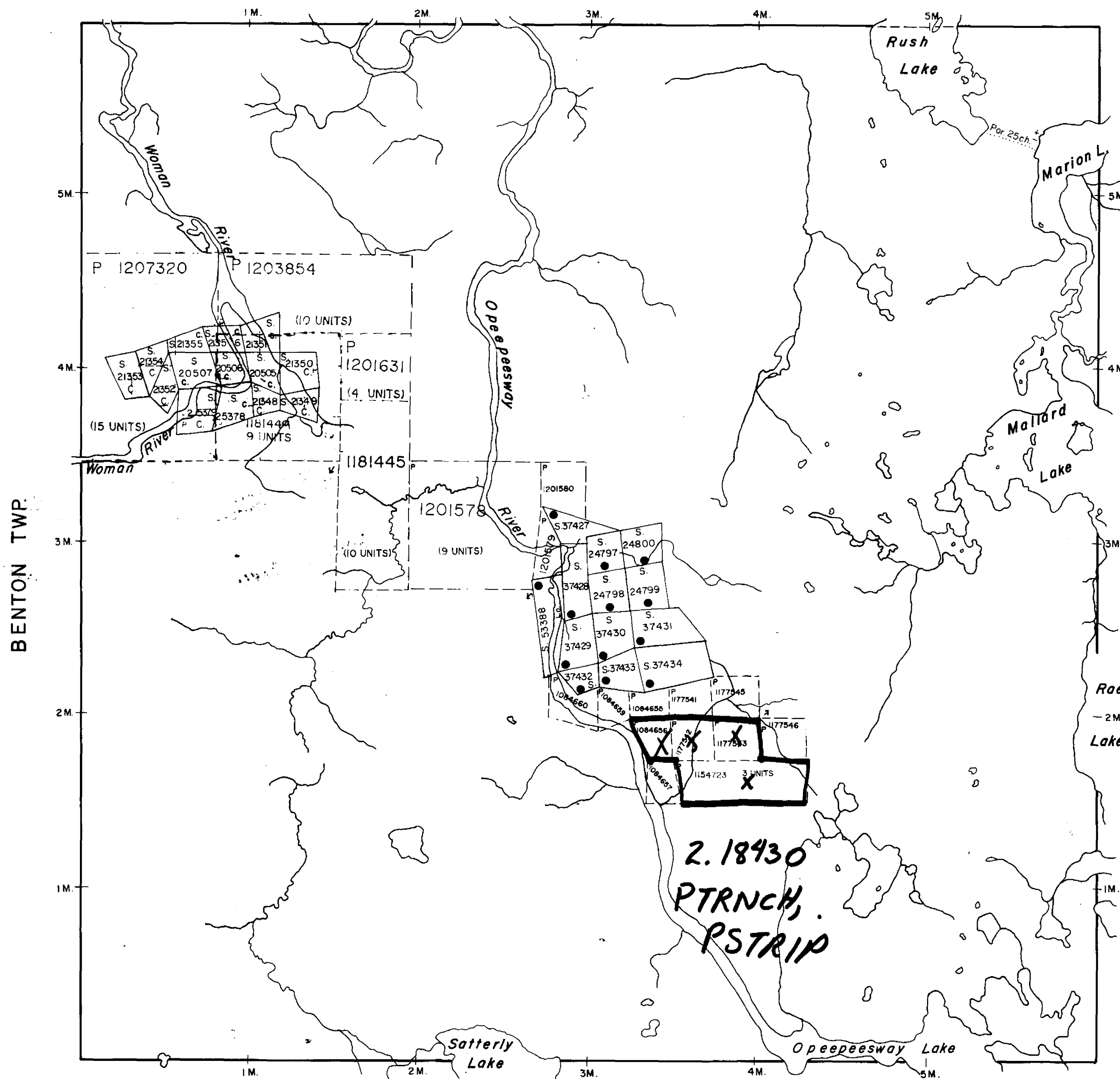
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

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
F ₁ - SUBJECT TO FORESTRY ACTIVITY IN 1974/75, 1995/96				

MARION TWP.



OSWAY TWP.

LEGEND

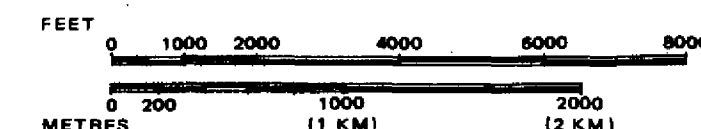
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS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

DATE OF ISSUE

JUN 22 1986

PROVINCIAL RECORDING OFFICE - SUDBURY

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP OF MALLARD

DISTRICT OF SUDBURY

MINING DIVISION PORCUPINE

Ministry of Natural Resources
 Ministry of Northern Development and Mines

Date JULY 1986

Plan No.

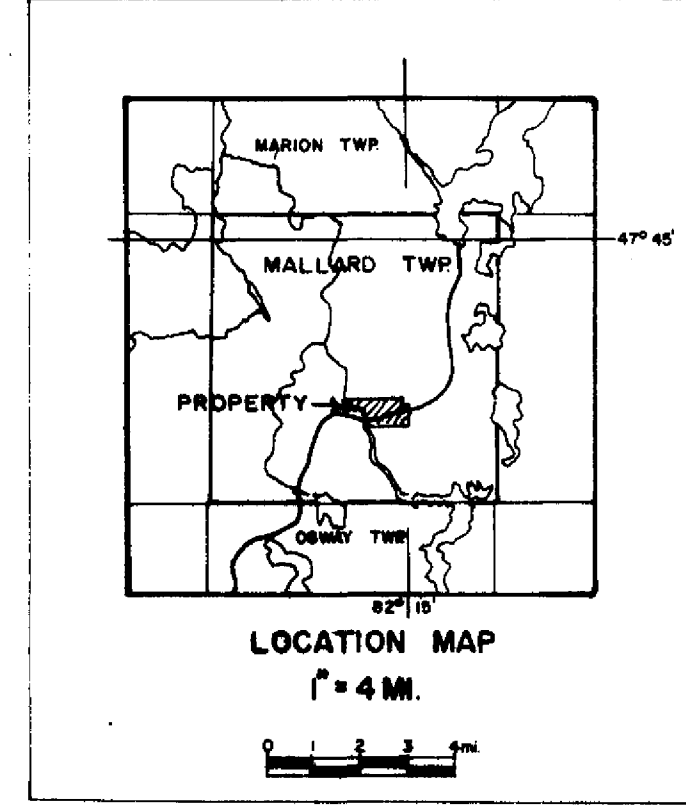
National Topographic Series

G-1171

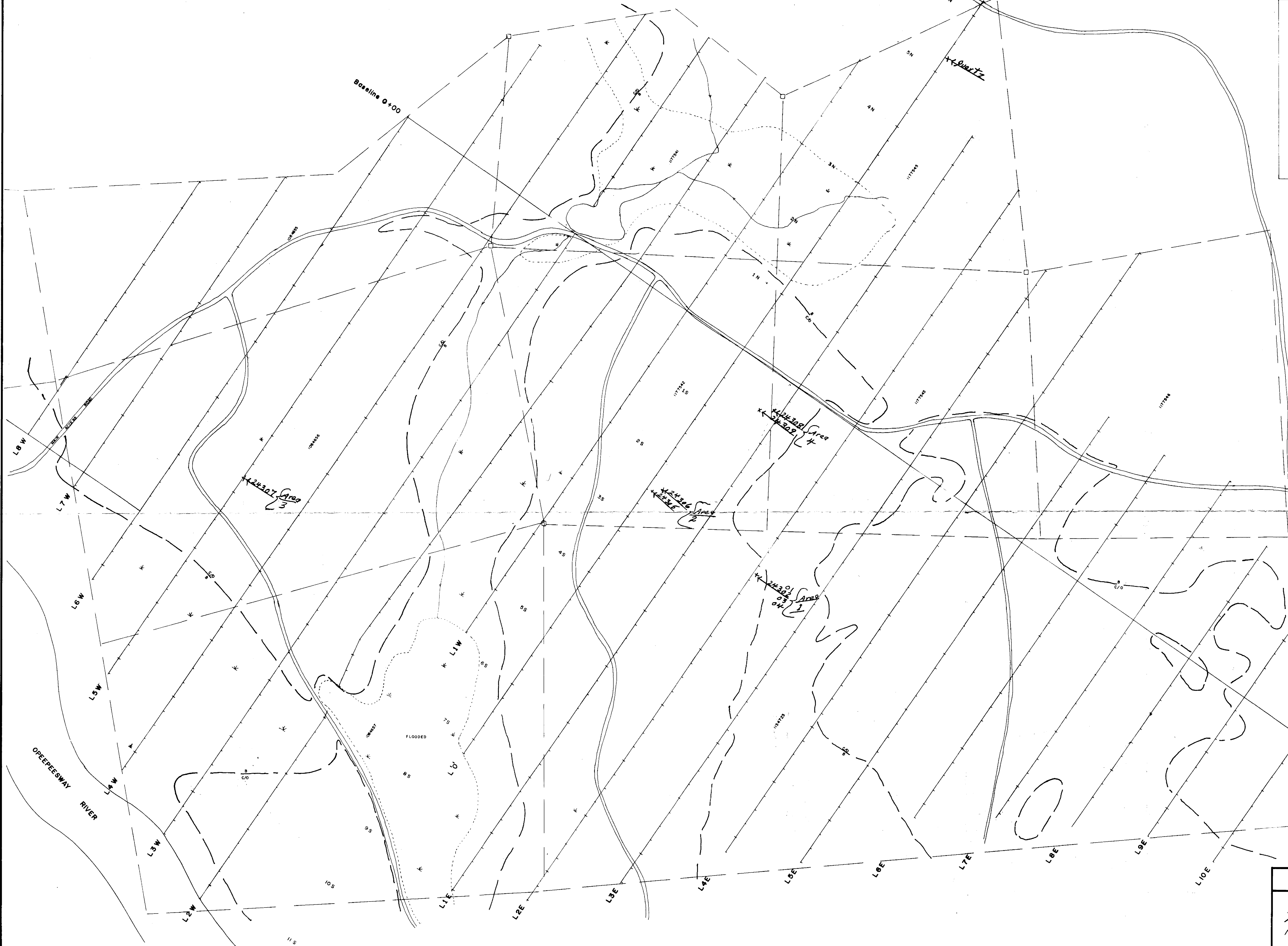
ACTIVATED 94-MAR-01 88



41009NW2002 2.18430 MALLARD 200



- LEGEND**
- CLAIM LINE
 - LOCATED CLAIM POST
 - SWAMP
 - CUT-OVER (C/O), BUSH (B) BOUNDARY
 - ROAD



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"Appendix 1"

MORIN PROPERTY

Plugger Drilling
 Blasting
 Assays
 Prospecting

1997

MALLARD TOWNSHIP, ONT

Scale: 0 50m 100m

Drawn by: S.L. LAMBEY LTD. Scale: 1:2500
 Date: JULY 1998