

41115SE0029 W9670-00131 RATHBUN

010

**DDH RL-96-1**

Location: Rathbun Twp. 40' east of small shaft on East side of Rathbun Lake Cl #  
1117306. See attached plan of location.  
Azimuth: 0 deg.  
Size of core: BQ  
Hole started June 3rd 1996 completed June 12th 1996  
Core stored at Erana Mines Fielding Road Sudbury Ont.  
Dip -90 deg.  
Date: 12/06/96 and completion of logging 26/09/96

0-4 **Overburden**

4-80' **Nipissing Diabase**

4'-7' fine grained diabase with fine py + cpy <1%  
15' - Rusty fracture down the core to 20' plus hematite.  
At 54' epidote + rusty fracture + 1/8" QV 50 deg. to C/A (with some hematite)  
60-61 Rusty core with hematite alteration.  
66' 1/4" QV 35 deg. to C/A.  
80' core is hematite stained + broken, also contact with Gowganda argillite.

80 - 654 **Gowganda argillite/ wacke**

Breccia zones at 104 - 122, 149 - 157, 130 - 141 with massive hematisation and minor Qtz. veining 130 - 141.  
at 170 and 209 brecciated + chloritised sections  
224 - 232 some flow banding + cpy with angular fragments, some bedding  
45-55 deg. to C/A.  
Broken core 330 - 340, 395 - 405 with some minor epidote + minor qtz/cb veinlets + occasional cpy.  
at 450' a 1 1/2 " high temperature injection material probably diabase with specular hematite. 1/8" reaction rim.

654 - 1280 **Gowganda Conglomerate**

1/2" to 1 1/2" fragments about every foot. Cpy and minor py < 1/2%  
716 - 721 massive epidote alteration.  
730.5 to 731 QV contacts 30 deg. and 50 deg. to C/A.  
734 1/4" QV 30 deg. to C/A.  
809 - 810 1/2" QV plus felspar.  
829 - 1/4" QV 80 deg. to C/A.  
840 - 841.5 QV with chlorite and py 30 deg. to C/A.  
876 - 3" granite pebble  
882 - 884 epidote alteration plus hematite with 5% white py as fine cubes

JARB

919 - 1/2" QV 80 deg. to C/A  
925 - 1/2" QV 30 deg. to C/A  
928-941-epidote alteration with fine py cubes up to 5% also at 958-962

986-989 QV plus chlorite and small epidote zones 2-6" continuing  
999 and 1004 - 1/4" py cubes  
**Coarse polymictic conglomerate** 1030 - 1032, 1037 - 1038 with 3% py  
1088 - 1190 (argillite)  
1105-1115 - hematite on fractures and core broken  
1190 - 1202 - fine grit to conglomerate.

Hole at 1202 still drilling

Continue logging 26/09/96

**Gowganda Conglomerate**

1/8 to 1in fragments or angular pebbles. At 1210.5 a 3in chlorite dike with  
>5% py and some po. At 1236 3/4 in chlorite rich intrusive with a 1/4 in  
reaction rim or chilled edge. At 1269-70 a 1/2 in dike of same and again at  
1271.5-1273.5 except no sulphides. At 1279-80 1/4 in dike 5 deg to c/a

1280-1373

**Gowganda Argillite**

Bedding 75 deg to c/a and changing to 70 deg to c/a at 1325  
At 1306 chlorite/felspar patch in side of core. Occasional 1/8 in qtz/cb  
stringer veins.  
At 1347 two qtz/cb veins 1/8 and 1/4 in wide with vugs and nicely formed  
crystals 25 deg to c/a. Some cpy seen.

1373-1415

**Gowganda Siltstone**

1373-1402 highly contorted bedding and possibly some lime rich sections.  
small scale faults with 1/4 in movement seen. Minor py and some cpy  
specks seen.

1415

**End of Hole.**

Note hole logged and marked in feet.

Abbreviations.....

deg...degrees	py....pyrite	cpy.....chalcopyrite
< .... less than	> ...more than	+..... plus
c/a... core axis	qv .. quartz vein	qtz.... quartz
qtz/cb quartz carbonate		in ... inch



M.N

Declination  
09 deg west

Rathbun Lake

350ft

1117309

1117308

1117306

1117307

D.D.H.RL-92-1  
92-1A  
96-2A

575ft

Small shaft

D.D.H RL-96-1  
dip -90 degrees.  
GPS 17T 0526253  
5178794

Drill Roads

Scale 0 50m  
0 100ft

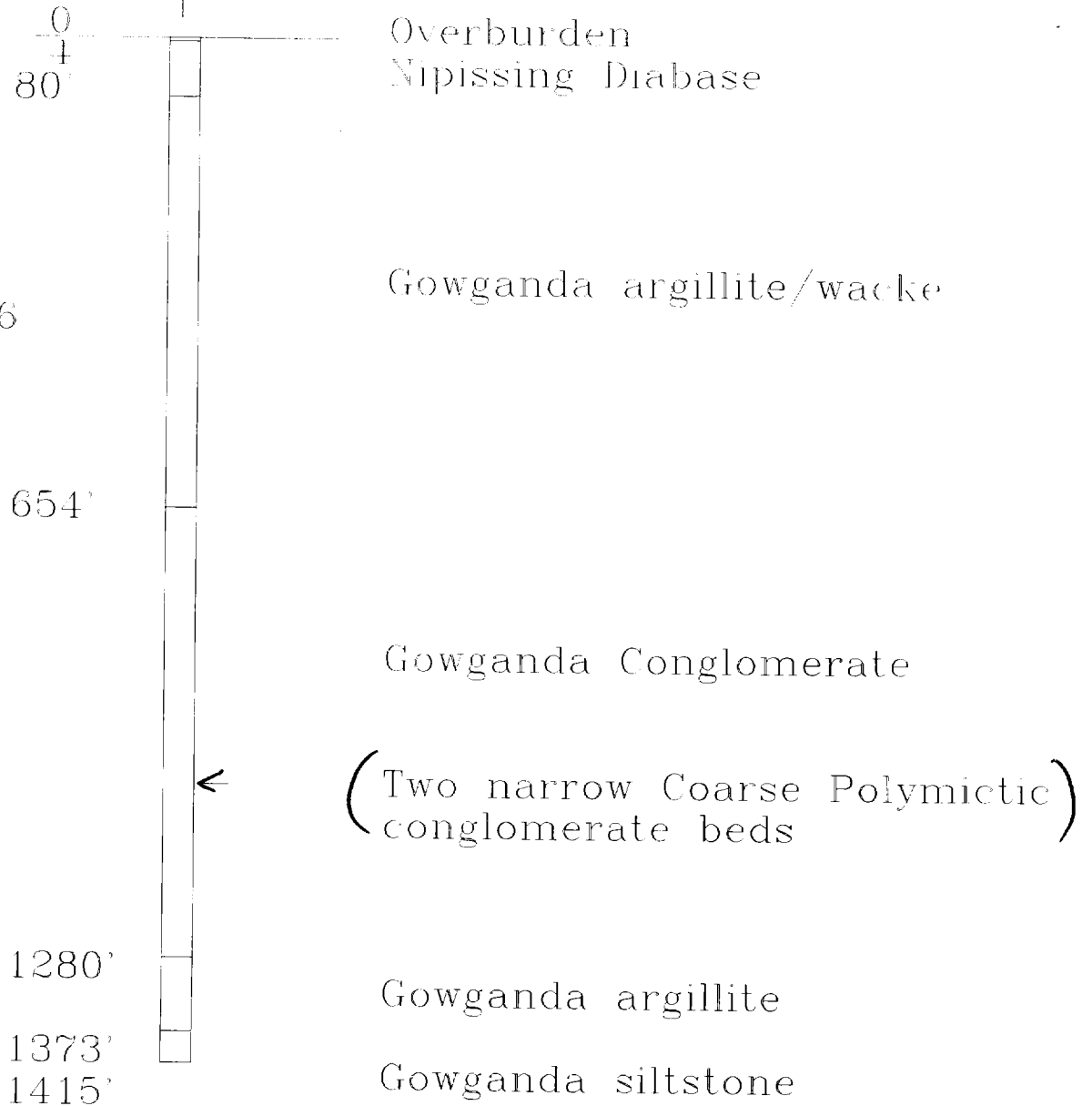
*P. Albrun*

DRILL PLAN RL-96-1  
RATHBUN TWP ONT.

D.D H RL-96-1  
Drilled on claim # 1117306  
Bearing Az 0 deg  
Dip: 90 deg.  
Location: see drill plan

350ft west  
575ft south from #1 post.

Core size BQ  
Started June 3rd 1996  
Completed June 12th 1996  
Cemented at 113'



Scale Feet 0 100 200 300 400

*P. R. Bran*



Ministry of Northern Development and Mines

Report of Work Conducted After Recording Claim

Transaction Number W9670.00131

Ontario

Mining Act

Personal information collected on this form is obtained under the authority of the Access to Information Act...



about reet.

Instructions:

- Please type or print and submit in duplicate. Refer to the Mining Act and Regulations. A separate copy of this form must be completed for each Work Group. Technical reports and maps must accompany this form in duplicate. A sketch, showing the claims the work is assigned to, must accompany this form.

900

ng

Recorded Holder(s): FLAG RESOURCES (1985) LIMITED. Client No. 132132. Address: 1970-540-5th AVE S.W. Telephone No. 403-262-8883. Mining Division: Sudbury, Ont. Township/Area: RATHBUN. Dates Work Performed: From: June 3, 1996 To: June 17, 1996.

Work Performed (Check One Work Group Only)

Table with columns: Work Group, Type. Rows include: Geotechnical Survey, Physical Work, Including Drilling (checked), Rehabilitation, Other Authorized Work, Assays, Assignment from Reserve.

Total Assessment Work Claimed on the Attached Statement of Costs \$ 22,800

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 90 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Table with columns: Name, Address. Row: Erera Mines Limited, 106 Fielding Road, Sorely, Ontario.

(attach a schedule if necessary)

Certification of Beneficial Interest \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder. Date: July 17, 1996. Recorded Holder or Agent (Signature): [Signature]

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true. Name and Address of Person Certifying: MURDO C. MCLEOD, 1970-540-5th Ave S.W., Sudbury, Ont. Telephone No. 403-262-8883. Date: July 17, 1996. Certified By (Signature): [Signature]

For Office Use Only

Form with fields: Total Value Cr. Recorded (820,500.00), Date Recorded (July 17, 1996), Mining Recorder (Signature), Date Approved (October 11, 1996), Date Notice for Amendments Sent, Received Stamp (SUDBURY MINING DIV. RECEIVED JUL 17 1996).

16:15 MH

Total Number of Claims											5117308	1

Total Number of Claims	22800 W										22800 W	1
	22800 W											

Total Number of Claims	22800 W										22800 W	1
	22800 W											

Credits you are claiming in this report may be cut back, in order to minimize the adverse effects of such deletions, please indicate which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

Costs  
for Assessment Credit

État des coûts aux fins  
du crédit d'évaluation

Transaction No./N° de transaction

W9670.00131

Mining Act/Loi sur les mines

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type <i>Surface</i>		
	<i>Drilling</i>	<i>22,800</i>	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			<i>22,800</i>

2. Indirect Costs/Coûts indirects

\*\* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	<i>22,800</i>

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 90 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 90 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as *President* I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certification

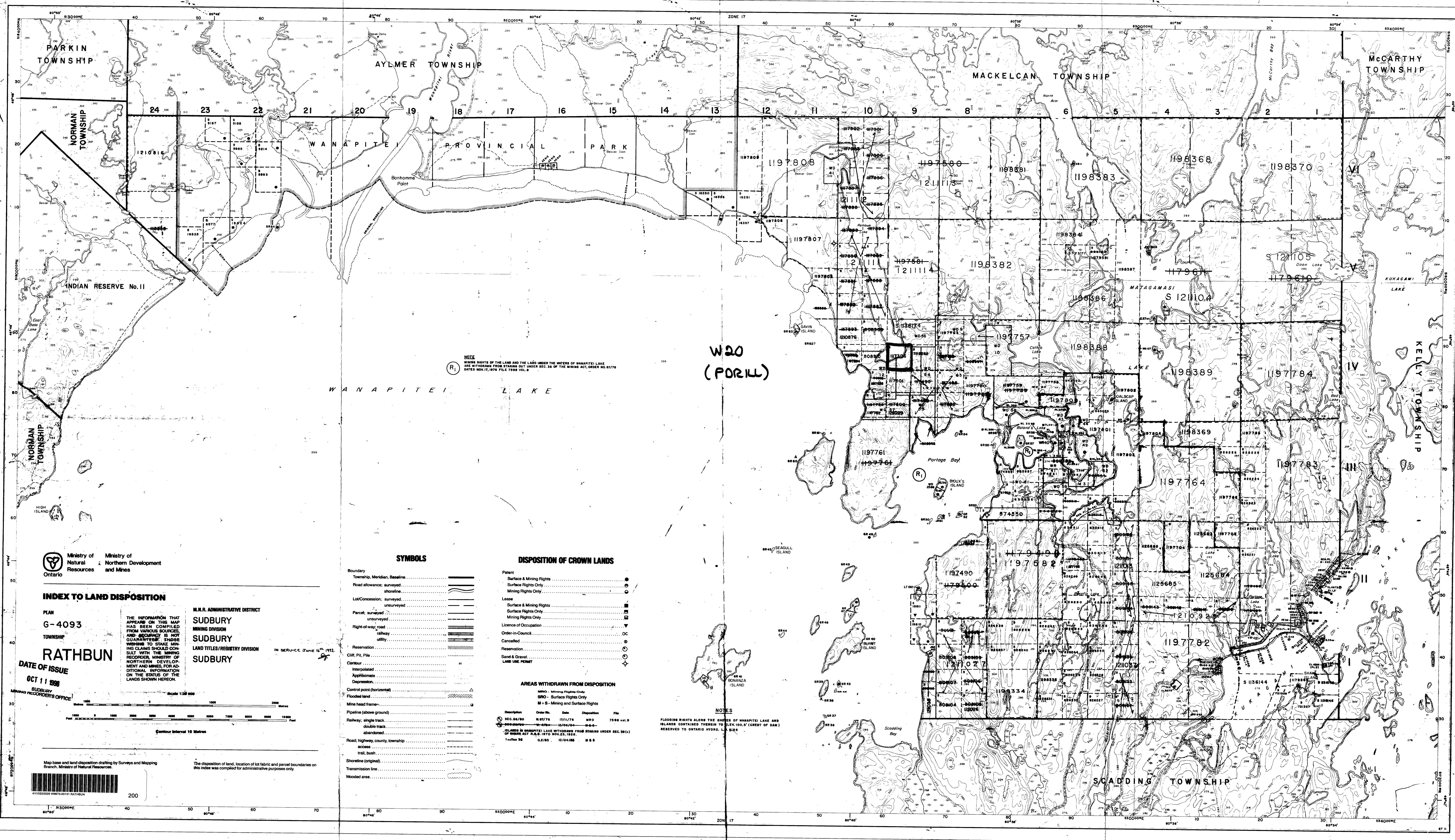
Attestation de l'état des coûts

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature *J.P. Reed* Date *July 17/96*



W20  
(PDR.11)

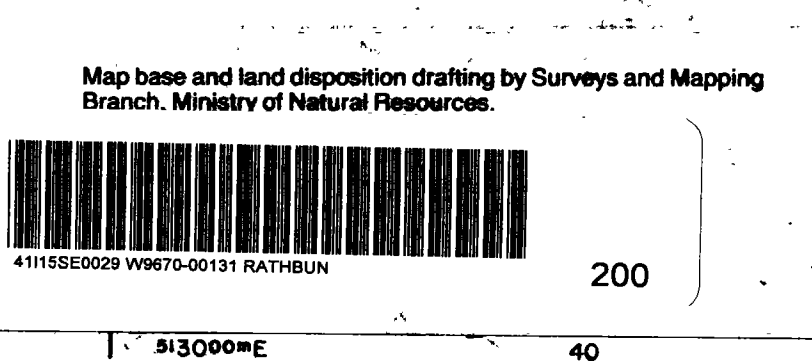
NOTE  
WHERE PARTS OF THE LAND AND THE LAND UNDER THE WATERS OF WANAPITEI LAKE  
ARE OF UNKNOWN FRONT EXTENT SEE UNDER REG. 45 OF THE MINES ACT, 1976  
DATED NOV. 10, 1976 FILE 1988 VOL. 2

Ministry of Natural Resources  
Ministry of Northern Development and Mines

**INDEX TO LAND DISPOSITION**

PLAN  
G-4093  
TOWNSHIP  
**RATHBUN**  
DATE OF ISSUE  
OCT 11 1988  
MINING RECORDERS OFFICE

M.N.R. ADMINISTRATIVE DISTRICT  
**SUDBURY**  
MINING DIVISION  
**SUDBURY**  
LAND TITLES/REGISTRY DIVISION  
**SUDBURY**  
IN SERVICE JUNE 14<sup>th</sup> 1972



The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

**SYMBOLS**

Boundary	--- ---
Township, Meridian, Baseline	--- ---
Road allowance, surveyed	--- ---
shoreline	--- ---
Lot/Concession, surveyed	--- ---
unsurveyed	--- ---
Parcel, surveyed	--- ---
unsurveyed	--- ---
Right-of-way, road	--- ---
utility	--- ---
Reservation	--- ---
Chk. Pk. File	--- ---
Concess.	--- ---
Intersected	--- ---
Appellations	--- ---
Depression	--- ---
Control point (horizontal)	--- ---
Flooded land	--- ---
Mine head frame	--- ---
Pipeline (above ground)	--- ---
Railway, single track	--- ---
double track	--- ---
abandoned	--- ---
Road, highway, county, township	--- ---
score	--- ---
trail, bush	--- ---
Shoreline (original)	--- ---
Transmission line	--- ---
Wooded area	--- ---

**DISPOSITION OF CROWN LANDS**

Patent	○
Surface & Mining Rights	○
Surface Rights Only	○
Mining Rights Only	○
Lease	■
Surface & Mining Rights	■
Surface Rights Only	■
Mining Rights Only	■
License of Occupation	▽
Order-in-Council	OC
Cancelled	○
Reservation	○
Sale & Grant	○
LAND USE POWER	○

**AREAS WITHDRAWN FROM DISPOSITION**

Designation	Class No.	Disposition	File
SRP - Surface Rights Only	SRP	SRP	SRP
M - S - Mining and Surface Rights	M - S	M - S	M - S

**NOTES**  
FLOODING RIGHTS ALONG THE SHORES OF WANAPITEI LAKE AND ISLANDS CONTAINED THEREIN TO BLEN HOLY (CREST OF SAN) RESERVED TO OBTAIN WATER, AS DEE