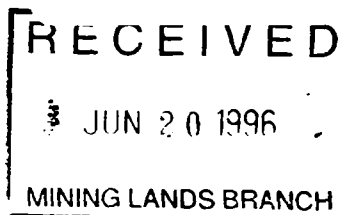




31M03NW0036 2 16624 SOUTH LORRAIN

010

2.16624

Gore Claims, South Lorrain Tp.A.W. Beecham *Qual. # 2.2509*
20 Sept. 1995

Introduction

The following comments are based on a one day visit to the claims made 19 Sept. 1995. The writer is familiar with the properties from consulting on them over the past three years. The visit was made to evaluate areas in the SW parts of the holdings not seen on previous visits. Although this area has seen intensively explored (numerous trenches and lesser amounts of diamond drilling) for silver-cobalt, little basemetal exploration has been done. This is the object of the present exploration.

Notes refer to approximate locations shown on accompanying Location Map.

South Oxbow Lake Claims

Although line cutting here is not yet complete, considerable prospecting and hand stripping and identification and cleaning out of old pits has been done by the owner.

The Archean sequence exposed in this area appears, in the western part, to consist of quartz phytic lapilli tuffs, non phytic felsic tuffs and intermediate to mafic flows. In the eastern part the felsic tuffs are interlayered with coarse leuco-gabbroic rocks which may be sills or flows. These mafic units may extend into the western area, but they were not noted on this visit. All of the Archean rocks here are strongly deformed and re-crystallized. They are characterized by streaky banding and the primary structures are partly obliterated. This streaky banding-schistosity generally strikes ENE and mostly dips about 70° to the north. A few south dips were noted. There is a strong lineation with a fairly gentle western plunge.

Late undeformed fine grained, felsic, nearly white weathering dykes are common. They are commonly cut by quartz stockworks.

Particularly in the eastern part, there are well defined draws that parallel the foliation. The walls of one of these was noted to be strongly schistose and the draws may be underlain by schist (shear zones) or faults. However, as they appear conformable they could also simply be compositionally less resistant layers

Showings and Mineral Occurrences:

There are numerous pyrite occurrences with trace to minor Cp here and there and locally up to 1% galena; Sulphides occur as patches, streaks, thin bands, disseminations in fine, non-phyric tuffs and quartz-phyric lapilli tuffs. Quartz phenocrysts are a distinctive blue. The sulphide showings seem to form two or more zones that overall extend across about 1100m strike length. They appear to be 'exhalite' zones formed contemporaneously with tuff deposition. i.e. exhalative sulphides diluted by tuffs. No strong hydrothermal alteration was recognized except at

the eastern most sulphide showing, at L4E/1+00N. Here, some light colour felsic alteration, probably including some silicification accompanies the sulphides.

Discussion and Recommendations

Extensive sulphides zones could mark mineralized horizons in which base metal massive sulphide lenses might occur. The presence of galena could be related to Proterozoic age Ag-Co mineralization.

The area seems to be a previously unrecognized area with VMS potential.

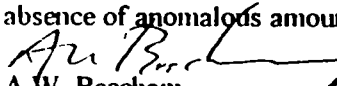
It is recommended that present grid be completed with lines cut to about 600E. Prospecting, in an attempt to expose new sulphide zone and extend presently known occurrences should be done. These occurrences should be sampled assayed for Cu, Pb, Zn, Ag and Au. Other recommended work is a magnetometer and VLF EM survey of the grid. The targets here are probably massive sulphide lenses which are mainly or entirely blind. Hence a conventional EM survey, horizontal or vertical loop using frequencies in the range of 200 to 2000 Hz is warranted. It should be a system that has reasonable depth 'penetration'. In conjunction with the prospecting, all showings, drill holes and pits should be located and plotted on a map at a scale about 1:2500 or 1:2000. The map should also show the location of all assays taken. The area of sulphides and surrounding area should be mapped at about the same scale. It is possible that the mineralization is not detectable by EM techniques (either VLF or convention EM). In this case an IP survey should be considered. However, this is likely beyond what can be financed under the 1995 OPAP grant. It may also, eventually, be necessary to survey select areas with a pulse EM system in search of very deep conductors.

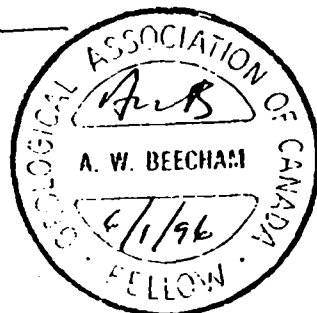
Some whole rock geochemistry is recommended. It can best be done in conjunction with the mapping. The purpose here is to identify the favourability or otherwise of the volcanic sequence and to locate areas of favourable rock alteration, e.g. areas of NaO₂ depletion;

A.W. Beecham
20 Sept. 1995

Whole Rock Analyses Oxbow Lake Volcanics

A brief review of the whole rock analyses of samples collected during mapping by R. Zalnieriunas was made. The writer has not seen nor is he familiar with the field relations of the samples. However, of note is the strong Na depletion of samples #307 at 0.29 % Na₂O, #309 at 0.05 % Na₂O, and #310 at 0.10 % Na₂O. Similar depletions may be associated with VMS base metal systems. These analyses should be considered encouraging. However, the importance of the results depend upon the favourability or otherwise of the geological setting and the presence or absence of anomalous amounts of base metals associated with the altered rocks.


A.W. Beecham
6 Jan. 1996



References

- McIlwaine, W.H
1968
South Lorrain Tp. North Part; Ont. Dept. Mines Prel. Map P289, Scale:
1"=1/4 mile;
- McIlwaine, W.H.
1970
Geology of South Lorrain Township; Ont. Dept. of Mines and Northern
Affairs, Geol. Rep. 83 incl. map 2194;

Appendix

Notes on Sites Visited

Site 1: approx. 50m N (?W) of NS baseline; streaky banded intermediate to felsic rock with 15% blue quartz phenocrysts; 60cm. to 1m. cream weathering felsic dyke with 30 to 40% quartz stockwork, but only tr of Py; Some magnetite in felsic tuff;

Site2: 100W, 20m S of Site 1; similar to site 1 but with about 40% blue quartz phenocrysts; streaky banding, possibly fragmental;

Site 3: Pond and DD core; core with streaks Py ; "rhyolite" dyke similar to site 1; tr Py in streaky felsic volc. Outcrops fine streaky "rhyolite" near core dump; Impression that rhyolite dykes fairly common;

Site4: Oxbow Shaft; Fine grained mafic, apparently a mafic flow within generally felsic pile; Conc. of Py up to about 5% noted here in muck;

Site 5: western Shaft, now filled with muck; Muck is non-phyric fine grained felsic; streaks of Py up to 20% over 5 to 6 cm. Site 5a to SE a few percent Py over 5 to 6m as streaks and blebs; same rock type as at shaft; impression that 5a is part of EW 'exhalite' zone; more stripping would be useful here.

Site 6: Intermediate to mafic fragmental; some structures here resemble pillows and some of fragmental is likely flow or pillow breccia. There are also very different looking angular relatively felsic clasts up to 15 cm.

Site 7: The Galena Pit: Base Line and 3+45E: Small rock pit 1 to 2 m deep with best Py in sheared volcanics south side of pit; Shear could be 'exhalite'; 1-2 % galena easy to find in muck and in place, mostly as fine diffuse 'veinlets' or disseminations, with a little Cp. Probably has carbonate gangue; about 30m west of pit: streaky banded intermediate rock with epidote and some weak carbonate weathering in matrix of rock, streaks, pods, dissemination of Py; some are disconnected 'patches'.

7a est. 60m NW of Galena Pit: at NE edge of swamp: rodded intermediate volcanics, fine fragmental with patchy Py; Streaks of magnetite here;

Site 8: L4E/+/-100N; Heavy gossan, patches on south side of outcrop facing prominent EW depression; Up to 15 to 20 % Py and a little disseminated galena; abundant small quartz veins in

north part of outcrop; host rock here seems to be mainly quartz phyric lapilli tuff (blue quartz eyes); Impression here of broad zone of discontinuous sulphides across about 700m of the property; This could be diffuse 'exhalite' zone in tuffs; i.e. exhalative sulphide formed contemporaneously with tuff deposition; On south side of depression there is a coarse grained metagabbro-possibly a coarse-grained mafic flow;

Site 9: "Zinc Pit": No sph. seen, but Gore got assay here & Sph. identified in spec. shown to J. Ireland. 10 to 15 cm. NS quartz vein steep West dip; Splashes of Py tr Cp.

General Note: High ridges noted in eastern part of 700m strike length examined are mainly coarse meta leuco gabbro; The gabbros are deformed and are obviously Archean rocks even though some is similar to coarse leuco and varied textured (Proterozoic) Nipissing Diabase; In east part, the sulphide showings occur in somewhat lower outcrops between gabbro ridges, but not within the overburden filled draws. There could be 2 or more sulphide rich horizons;

North Grid: (Covered by IP, Magnetic survey in 1994) L100E/0+25m North; 60cm to 1m deep by 5 to 7m long trench along line with fine Huronian sediments; Not examined in detail; Gore says no sulphides of note here; According to J.Gore, this is apparently right on IP anomaly; possible that thin Huronian skin here could obscure sulphide zone in underlying volcanics; L100E/0+50N+/- banded, deformed, mafic volcanic similar to stripped area at Copper Pit, BL/0+00; here only small area 1 to 2 m square with weak 'gossany' weathering; much lower sulphide content than expected from IP chargeability;

According to author's interpretation of the pseudosections, the IP response on Line 100E is relatively deep and does not come to surface here. It is better to look for an explanation on Line 200E or 300E.



Report of Work Conducted After Recording Claim

Mining Act

(O.P.A.P. File #O.P.95-039)

DOCUMENT No.
Transaction Number
W 9680-00320

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16624

Instructions: - Please type or print and submit in duplicate.

- Refer to the Mining Act and Regu Recorder.
- A separate copy of this form must
- Technical reports and maps must
- A sketch, showing the claims the



31M03NW0036 2 16624 SOUTH LORRAIN

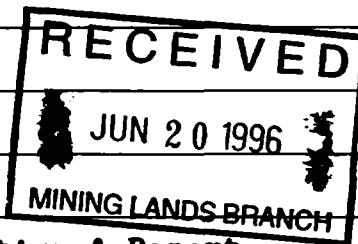
9 Mining

900

Recorded Holder(s) John A. Gore		Client No. 138273
Address 31 Ruby Street, Box #212, Cobalt, Ont. POJ 1C0		Telephone No. (705) 679-5710
Mining Division Larder Lake	Township/Area South Lorrain	M or G Plan No. G-3448
Dates Work Performed From: September, 19/95		To: September 19/95

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	Geological Consulting, Field Examination & Report
Assays	
Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ **278.00**

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 30 days of a request for verification.

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

Name	Address
A. W. Beechan, M.Sc. P.G.A.C.	540 Rorke Ave. P.O. Box #867 Haileybury Ont.
	POJ 1K0

(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 June 5/96	Recorded Holder or Agent (Signature) <i>John A. Gore</i>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------	-------------------------------------------------------------

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 John A. Gore Box #212 Cobalt, Ont. 31 Ruby Street POJ 1C0		
Telephone No. (705) 679-5710	Date June 5/96	Certified By (Signature) <i>John A. Gore</i>

For Office Use Only

Total Value Cr. Recorded 278	Date Recorded 96 Jun 6	Mining Recorder <i>[Signature]</i>	Received Stamp JUN 14 9 10
	Deemed Approval Date Sep 4	Date Approved <i>[Signature]</i>	
	Date Notice for Amendments Sent		



Statement of Costs for Assessment Credit

Transaction No / N° de transaction

État des coûts aux fins du crédit d'évaluation (O.P.A.P. File# O.P.95-039)

Mining Act/Loi sur les mines

2-16624

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^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

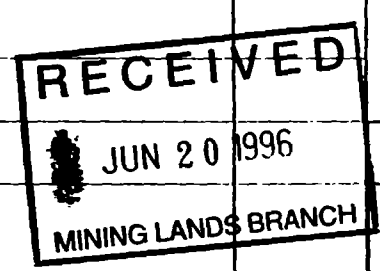
1. Direct Costs/Coûts directs

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 Geological		
	Consulting	278.00	
			278.00
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			278.00

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)			278.00



Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 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 30 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

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

at as Recorded Holder I am authorized
(Recorded Holder, Agent, Position in Company)

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 John A. Gore Date June 5/96

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

Telephone: (705) 670-5853
Fax: (705) 670-5863

August 26, 1996

Our File: 2.16624
Transaction #: W9680.00320

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Mr. Spooner:

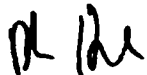
**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S)
1118450 & 1118544 IN SOUTH LORRAIN TOWNSHIP**

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 12, Geology, of the Assessment Work Regulation.

The approval date is August 26, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5855.

Yours sincerely,
ORIGINAL SIGNED BY:



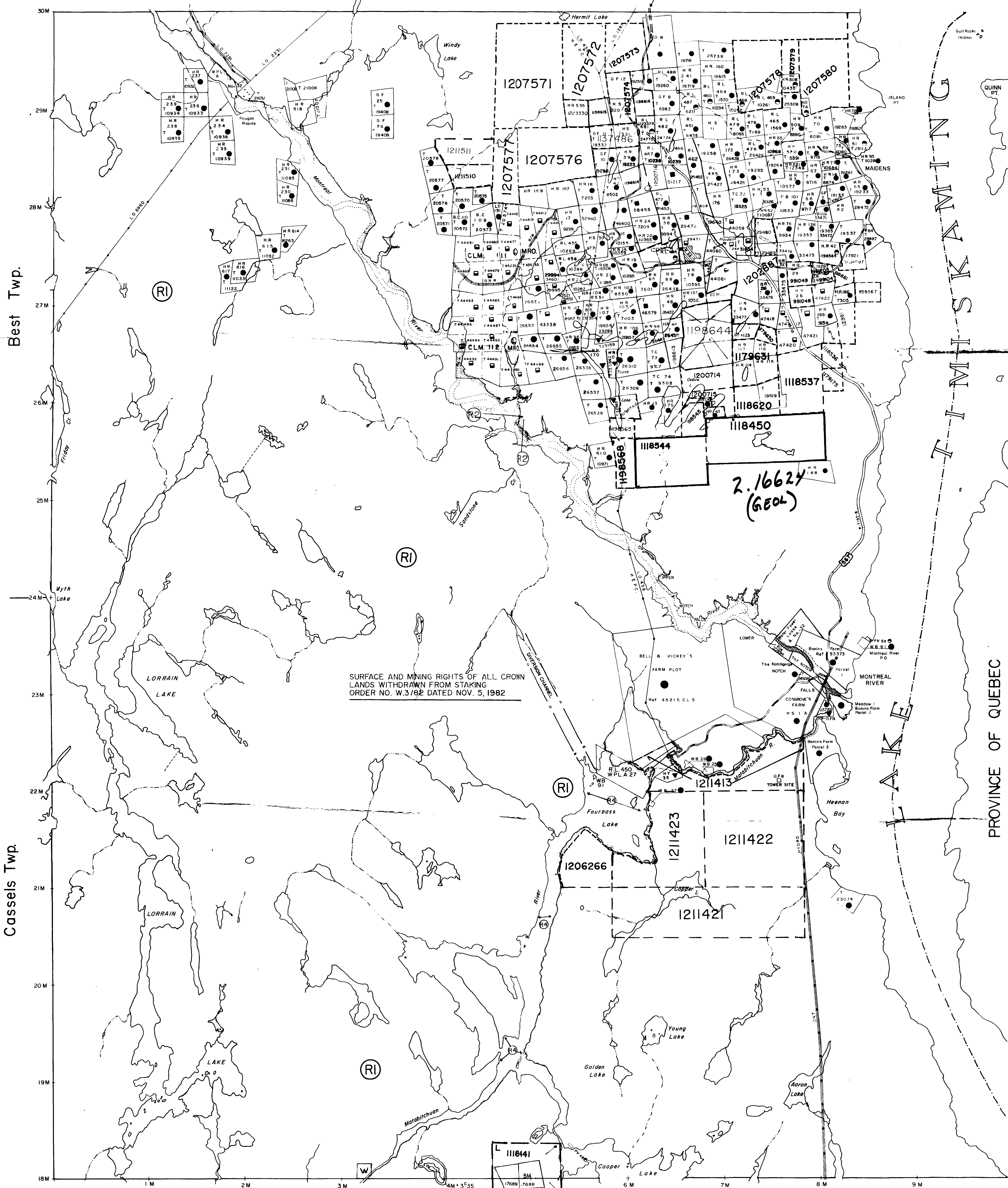
for Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

SBB/jf

cc: Resident Geologist
Cobalt, Ontario

✓ Assessment Files Library
Sudbury, Ontario

Lorrain Twp.



LEGEND

HIGHWAY AND ROUTES
 OTHER ROADS
 TRAILS
 SURVEYED LINES
 TOWNSHIP, RANGE LINES ETC.
 LOTS, MINING CLAIMS, PARCELS ETC.
 UNSURVEYED LINES
 LOT LINES
 PARCEL BOUNDARY
 MINING CLAIMS ETC.
 RAILWAY (SEE RIGHT OF WAY)
 UTILITY LINES
 NEIGHBORHOOD STREAM
 FLOODING OR PROPOSED LINES
 SUBDIVISION OF CLAIMS OR LOTS
 RESERVATIONS
 ORIGINAL, SHIELDED
 MARKED MINES
 MINES
 TRAILERS, MOUNTAINS

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT

PATENT, SURFACE & MINING RIGHTS
 SURFACE RIGHTS ONLY
 MINING RIGHTS ONLY
 LEASE (LEASE & MINING RIGHTS)
 SURFACE RIGHTS ONLY
 MINING RIGHTS ONLY
 LICENSE OF OPERATION
 OTHER RIGHTS
 RESERVATION
 CANCELLATION
 GAIN & FORFEITURE
 400 FOOT (APPROX. 122 METER) SURFACE RIGHTS
 RESERVATION ALONG THE SHORES OF ALL LAKES
 AND RIVERS

AREAS WITHDRAWN FROM STAKING

(RI) SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE. SECTION 36 OF THE MINING ACT R50 1980 ORDER W-3-82 NER DATED NOV. 5, 1982 AT 6:50 PM

- PART OF ORDER W-3-82 NER REOPENED ORDER O-M-DI-90 NER EFFECTIVE APRIL 3, 1990 AT 7:00 AM EST.

(R2) SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE. SECTION 36 OF THE MINING ACT R50 1980 ORDER W-2-90 NER EFFECTIVE APR. 3, 1990 AT 7:01 AM EST

- PART OF ORDER W-2-90 NER REOPENED ORDER O-ONT-06/92 NER/CR EFFECTIVE MAR. 16, 1992 AT 4:55 PM EST.

- PART OF ORDER W-2-90 NER REOPENED ORDER O-ONT-07/92 NER/CR EFFECTIVE JUNE 4, 1992 AT 7:00 AM EST.

(R3) SURFACE RIGHTS ONLY WITHDRAWN - 4 / 2 / 72 FILE 134327

(R4) SURFACE RIGHTS ONLY WITHDRAWN - 2 / 2 / 79 ORDER W-2/79 FILE 188540

NOTES

HE P.C. FLOODING ABOVE "UPPER NOTCH" TO ELEV. 782' UNDER L.O. 7088.

RESERVE FLOODING RIGHTS TO H.E.P.C. CONTOUR 782' ALL NE SHORES OF MONTREAL RIVER.

RESERVE FLOODING RIGHTS TO H.E.P.C. CONTOUR 808.62C ALONG THE SHORES OF THE MONTREAL RIVER (PROPOSED).

(W) AREA DETERMINED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

2.16624

SOUTH LORRAIN

M.N.R. ADMINISTRATION DISTRICT
TEMAGAMI
 MINING DIVISION
LARDER LAKE
 AND RECORDS SECTION
TIMISKAMING

RECEIVED
 JUN 20 1996
 MINING LANDS BRANCH

Ministry of Natural Resources
 Ontario

Date: _____
 CIRCULATED
 DEC. 3, 1993

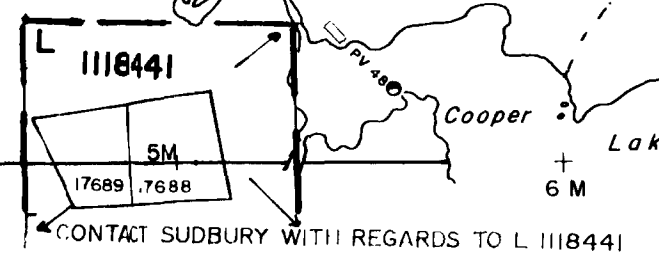
G-3448



200

THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING DETERMINATION BY THE COURT.

ARCHIVED ONLINE COPY



Eldridge Twp.

Hebert Twp.

Ministry of Natural Resources
 Ontario

Date: _____
 CIRCULATED
 DEC. 3, 1993

G-3448