

42A06NE0026 2.16268 DELORO

010

GEOPHYSICAL REPORT FOR OUTOKUMPU MINES LIMITED ON THE DELORO PROPERTY, GRID B DELORO TOWNSHIP PORCUPINE MINING DIVISION NORTHEASTERN, ONTARIO

2.16268

RECENTE

NOV 2 3 1995

MINING LANDS DOWN

Swal # 2. 3943

PREPARED BY: John C. Grant CET FGAC July 26/95





TABLE OF CONTENTS

_

_

_

_

_

_

_

.

-

_

-

_

010C

	PAGE
INTRODUCTION	. 1
PROPERTY LOCATION AND ACCESS	.1
CLAIM GROUP	, 2
PERSONELL	. 2
GROUND PROGRAM	. 3
GEOPHYSICAL SURVEYS MAGNEIC SURVEY HLEM SURVEY	, 3 , 3 , 3
SURVEY RESULTS	. 4
CONCLUSIONS AND RECOMMENDATIONS	. 4
CERTIFICATE	
FIGURES 1- LOCATION MAP 2- PROPERTY LOCATION MAP 3- CLAIM SKETCH	
MAPS- MAGNETIC SURVEY - 1777 Hz MAX MIN II SURVEY - 444 Hz MAX MIN II SURVEY	
APPENDIX A- BRGM OMNI IV SYSTEM B- APEX PARAMETRICS MAX MIN II SYSTEM	

INTRODUCTION

The services of Exsics Exploration Limited were hired by Outokumpu Mines Limited to complete a linecutting and geophysical program over a block of claims located in the central southeast section of Deloro Township of the Porcupine Mining Division, in Northeastern Ontario. Figure 1

The purpose of this program was to locate and outline conductive structure which would be considered favourable horizons for base metal deposition.

The linecutting portion of the program was completed between June 1 and June 23, 1995. The geophysics was completed between July 20 and 28, 1995.

This report will deal with the results of the present program.

PROPERTY LOCATION AND ACCESS

Grid B, of the Outokumpu properties in Deloro Township is situated in the central southeast of Deloro Township, Porcupine Mining Division, District of Cochrane in Northeastern Ontario.

More specifically it is situated such that Shaw Creek cuts across the northwest of the block in a northeast to southwest direction.

The entire block is located approximately 15-18 kilometers south-southeast of the City of Timmins. Figures 1 and 2.

Access to the property was fair. The backroad from Timmins to South Porcupine provides drivable access to the Old Buffalo-Ankerite mine site and townsite. A gravel road south from this townsite provides good access to a small lake and bike trail approximately 4.5 kilometers south of the townsite. A 3.2 kilometer ATV ride along a partially flooded road will provide access to the Shaw Creek crossing. A bridge had to be constructed to cross the creek.

An additional 3-4 kilometers of ATV travel is required after the bridge to access the lower southeast section of the grid. Heavy flooding south of the bridge along the trail by beavers creates some difficulty in accessing the southeast section of the grid.

A second ATV road just to the north of the Shaw Creek crossing runs southwest through the grid and allows good access to the northwest section of the property.







CLAIM GROUP

The claim numbers which make up grid B of the Deloro Property are as follows:

P-1181900	1	unit
P-1204600	1	unit
P-1204407	6	units
P-1204595	4	units
P-1204406	2	units
P-1198831	3	units
P-1204405	1	unit
P-1204100	4	units
P-1204597	3	units
P-1204599	1	unit
P-1198922	1	unit

Refer to Figure 3, Copied form MNDM Plan Map G-3993, Deloro Township

PERSONNEL

The field crew directly responsible for collecting the field data were as follows:

John C. Grant	-Timmins, Ontario
Yvon Collin	-Timmins, Ontario
P. Gauthier	-Timmins, Ontario
B. Pigeon	-South Porcupine, Ontario
S. Olink	-Timmins, Ontario

The entire program was carried out under the direct supervision of J. C. Grant. The plotting and compilation was completed by P. Gauthier of Exsics Exploration Limited.

GROUND PROGRAM

The first phase of the program was to cut a detailed metric grid across the claim block. This was accomplished by first cutting a series of north-south tie lines and base line at 400 meter interval across the property from the west to east boundary. Cross lines were then turned off of these tie lines at 100 meter intervals and cut to the west and east limits of the grid. All of the cut lines were chained with 20 meter pickets that were metal tagged. In all, a total of 57.1 kilometers of grid were established.

The second phase of the program consisted of a Total Field Magnetic Survey done in conjunction with an HLEM Survey. The magnetic Survey was completed over the entire cut grid. However, the HLEM Survey was read on the cross lines only.

GEOPHYSICAL SURVEY

Magnetic Survey:

This survey was completed utilizing the BRGM OMNI IV System. Specifications for this system can be found as Appendix A of this report. The following parameters were kept constant throughout the survey period.

Linespacing	-100 meter
Reading Interval	-10 meter
Duirnal Correction	-Base Station Recorder
Base Station Record Interval	-30 second interval
Reference Field	-59,000 gammas
Datum Subtraction	-58,000 gammas
Accuracy	- +/- 0.5 gammas

The corrected, levelled data was then plotted onto a mylar base map at a scale of 1:5000 and contoured at 20 gamma intervals where possible. A copy of this contoured map has been included in the back pocket of this report.

Author's Note:

During the last day of the magnetic survey, upon completion of the grid work, it was learned that the base station recorder had malfunctioned. The days collected data was then corrected manually and all lines were tied into BL3000ME which was a base station corrected line. This procedure does not affect the quality of the magnetic data.

HLEM Survey:

This survey was completed using the Apex Parametrics Max Min II System. Specifications can be found as Appendix B of this report. The following parameters were kept constant throughout the survey period.

Linespacing	-100 meter
Station Spacing	-20 meter
Coil Seperation	-100 meter
Theoretical Search Depth	-50-60 meters
Frequencies Measured	-1777Hz and 444Hz
Parameters Measured	-inphase and quadrature components of the secondary
Unit Accuracy	field. - +/- 0.5%

The collected data was then plotted directly onto a mylar base map, one map for each frequency, at a scale of 1:5000. The data was then profiled at 1 cm to +/-20% where possible. All conductor axis were placed on this base map and all conductor characteristics were placed directly on the map. A copy of these maps have been included in the back pocket of this report.

SURVEY RESULTS

The EM Survey was somewhat successful in locating and outlining a number of weak questionable targets on the grid.

Three of the more consistant structures labelled A, C and D may be structure related but require further work to better define them.

Zones B and E are of lesser importance at this writing as they are somewhat short and weaker targets.

The magnetic survey was successful in outlining the structural trends of the property.

The southeast section of the grid appears to be underlain by the more massive mafic volcanics represented by a magnetic signature of 1000 to 1300 gammas. The spotty magnetic highs may relate to isolated blebs of iron rich material within the mafic units. These spot highs are seen as small bullseyes of 300, 600 and 1500 gamma highs above the background.

As you progress north and west into the grid from the south, the magnetic signature increases by 1000 to 1200 gamma suggesting a change to a more intermediate volcanic possibly more iron rich and more distorted suggesting possible flow structure.

The central section of the grid between lines 2800MN and 3700MN and between 1800ME and the east edge of the property show another increase in magnetic signature of 1500 to 2500 gammas suggesting a more ultramafic rich unit. This feature appears to have been cross cut by a dike like structure striking eastnortheast across lines 3600MN to 3800MN.

A mafic unit again appears to be situated in the northwest section of the grid to the north and south of the suspected dike structure.

CONCLUSIONS AND RECOMMENDATIONS

The EM Survey outlined several areas of interest which probably relate to fracture zones or contact zones within or between rock units.

The magnetic survey was successful in outlining a somewhat complex structure situated in the central north section of the grid. This area appears to lie between a suspected dike to the northwest and mafic volcanics to the southwest and southeast. There is abundant outcrop in all of these areas to explain much of the magnetic activity as well as several of the more consistant EM targets.

Respectfully Submitted,

John C. Grant. CET FGAC



CERTIFICATE

I, John C. Grant, hereby certify that:

1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury, Campus. I have worked subsequentely as an Exploration Geophysicist for Teck Exploration Limited (5 years), North Bay office, and as Exploration Manager and Geophysicist for Exsics Exploration Limited from 1980 to present.

2) I am a Member of the Certified Engineering Technologist Association since 1984.

3) I am a member of the Geological Association of Canada.

4) I have been actively engaged in my profession for the last twenty (20) years, including all aspects of exploration studies, surveys and interpretations.

5) I have no specfic or special interest in the described property. I have been retained as a Consulting Geophysicist. for property appraisal.

John Charles Grant, CET, FGAC



APPENDIX A

_

_

_

_



Ħ

Four Magnetometers in One Self Correcting for Diurnal Variations Reduced Instrumentation Requirements 25% Weight Reduction User Friendly Keypad Operation Universal Computer Interface Comprehensive Software Packages

Specifications Dynamic Range suppresses first significant digit upon exceeding 100,000 gammas. Tuning Method developed tuning algorithm Automatic Fine Tuning $\dots \pm 15\%$ relative to ambient field strength of last stored value ± 2 gamma over total temperature range Standard Memory Capacity Total Field or Gradient 100 data blocks or sets of readings Tie-Line Points 5.000 data blocks or sets of readings Base Station operating temperature range from -40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors. RS 232 Serial I/O Interface 2400 baud, 8 data bits, 2 stop bits, no parity B. Self Test (hardware) Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy. 0.5 meter sensor separation (standard), normalized to Gradient Sensors gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional. strain-relief connector Cycling Time (Base Station Mode) Programmable from 5 seconds up to 60 minutes in 1 second increments Power Supply Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation. Battery Cartridge/Belt Life 2,000 to 5,000 readings, for sealed lead acid power supply. depending upon ambient temperature and rate of readings Weights and Dimensions Instrument Console Only 2.8 kg, 238 x 150 x 250mm NiCad or Alkaline Battery Cartridge 1.2 kg, 235 x 105 x 90mm NiCad or Alkaline Battery Belt 1.2 kg, 540 x 100 x 40mm Lead-Acid Battery Cartridge 1.8 kg, 235 x 105 x 90mm Lead-Acid Battery Belt 1.8 kg, 540 x 100 x 40mm Sensor 1.2 kg, 56mm diameter x 200mm **Gradient Sensor** Т Gradient Sensor (1.0 m separation - optional) 2.2 kg, 56mm diameter x 1300mm Standard System Complement sectional sensor staff, power supply, harness assembly, operations manual. Base Station Option Standard system plus 30 meter cable Gradiometer Option Standard system plus 0.5 meter sensor

E D A Instruments Inc. 4 Thorncliffe Park Drive Toronto, Ontario Canada M4H 1H1 Telex: 06 23222 EDA TOR Cable: Instruments Toronto (416) 425 7800

In U.S.A. E D A Instruments Inc. 5151 Ward Road Wheat Ridge, Colorado U.S.A. 80033 (303) 422 9112

Printed in Canada

APPENDIX B

_

_

_

_

Five frequencies: 222, 444, 888, 1777 and 3555 Hz. Maximum coupled (horizontal-loop) operation with reference cable. Minimum coupled operation with reference cable. Vertical-loop operation without reference cable. Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft. Reliable data from depths of up to 180m (600 ft). Built-in voice communication circuitry with cable. Tilt meters to control coil orientation.

MAXMINI





222, 444, 888, 1777 and 3555 Hz.

where a comparison of the second s

- MAX: Transmitter coil plane and receiver coil plane horizontal (Mex-coupled; Horizontal-loop mode). Used with refer cable.
- MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.
- V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

25,50,100,150,200 & 250m (MMII) or 100, 200, 300, 400,600 and 800 ft. (MMIIF). Coil separations in V.L.mode not restricted to fixed values.

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode .
- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90mm edgewise meters in V.L.mode.

In-Phase: ±20%,±100% by pushbutton switch. Guadrature: ±20%,±100% by pushbutton switch. Tilt: ±75% slope.

Null (V.L): Sensitivity adjustable by separation switch.

In-Phase and Quadrature: 0.25% to 0.5%; Tilt: 1%.

 $\pm 0.25\%$ to $\pm 1\%$ normally, depending on conditions, frequencies and coil separation used.

- 222Hz : 220Atm²
- 444Hz : 200 Atm²
- 888Hz : 120 Atm²
- 1777Hz : 60 Atm²
- 3555Hz : 30 Atm²

SV trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

12V 6Ah Gel-type rechargeable battery. (Charger supplied).

Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

- Elistic Columns Built-in signal and reference warning lights to indicate erroneous readings.
 - -40°C to +60°C (-40°F to +140°F).

- 6kg (13 lbs.)

Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification

200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

and a second second

• •• •• • •• •

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR

Ministry of									
Northern Development									
and Mines									

Report of Work Conducted After Recording Claim



Ontano	Mining Act
Personal information collected on this form is obtained under the a	uthority of the Mining Act. This information will be used for correspondence. Questions about
this collection should be directed to the Provincial Manager, Mil	ning Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street

Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264. 8 1626 2. Instructions: - Please type or print and submit in duplicate. - Refer to the Mining Act and Regulations fr Recorder. - A separate copy of this form must be corr - Technical reports and maps must accomp - A sketch, showing the claims the work is 900 Recorded Holder(s) Client No. Sito kunger Mines Ltd. 178525 Address Telephone No. 1.0. Bex Algongui 1123. Saite 300. 637 BILd PHN TH9 (705) 264-5024 or G Plan No. Mining Division Porcupia Deloro 6-3993 Tow-ship From: To: June 1, 1995 July 26, 1995 Work Performed (Check One Work Group Only) Work Group Туре **Geotechnical Survey** Line latting, Magnetic brophy sind, Survey Max-Mia beachesing Survey Physical Work. **Including Drilling** Rehabilitation RECEIVED Other Authorized Work NOV 2 3 1995 Assava Assignment from Reserve MINING LANDS BRANCE 28.355 **

Total Assessment Work Claimed on the Attached Statement of Costs 2

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	Addrees
John L. Grant, Russizs Exploration Ltd.	P.O. Ser 1880, Suite 13, Hollinger Blog. Timmins, Onteric, PAN TX1

(attach a schedule if necessary)

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

I certify that at the time # work was performed, the claims covered in this work	Date	Recorded Holder or Agent (Signature)
report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Sept 5, 1995	Paul

Certification of Work Report

I certify that I have a personal know its completion and annexed report i	riedge of the facts set forth in this Wo s true.	rk report, having performed the work or v	witnessed same during and/or after
Name and Address of Person Certilying	J		
Paul Paris Outokum	an Miner Ltd P.O.	Gar 1123. Timming O	ADAL PANTHA
Telepone No.	Date	Certified By (Signature)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(705) 264-5024	Sept 5, 1995	Part	•

For Office Use Only

Total Value Cr. Recorded	Date Recorded Deemed Approvel Date Date Notice for Armendements Sent	Mining Becorder undatif Jary White Date Approved	SER 5 HOSS
0841 (02/01)	• <u> </u>		PORCE

															T	1	<u> </u>
																	Number for Applying Receive
of Claims	7 X			SEE LETTER INTER SEPT 29/95		1 1198922	- 120 4599	1204597	120 4100	+ 1204405	119 8931	- 120 4406	-120 4595	1204407	120 1600	-1181900	Claim Number (see Note 2)
						-		2	4	-	3	24	¢				Units Number
Total Value Work Done	28,355 "	いい				ne 150/	Acr w	3150 "	4260 ""	is 150/	3/58 #	2/00/12	4200 4	6300 #	1051 #	1051 =	Value of Accessment Work Done on this Claim
Total Value Work Applied	21,000 10	1610				800 *2	800 ""	2400 24	22 00 .#	800 ***	2400	1600 22	3200 32	4600 54	goo #	800	Claim Claim
Total Assigned From	21,600 **					900 m	800 5	2400 "	3200 (#	800 **	2400 **	1400 "	200	m 008h	200	Bio "	Value Assigned this Claim
Total Reserve	6,785-02	502				25-104	251 52	254	1000 # _	251 #	×60 #	500 **	1000	1500	251 12	- 251 40 -	Reserve: Work to be Claimed at Future Date

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

1. Credits are to be cut back starting with the claim listed last, working backwards.

2. Le Credits are to be cut back equally over all claims contained in this report of work.

3. Credits are to be cut back as priorized 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 banaficial interest in the natesta-	Signature	Date				
a lage d to de the start inder the d berenden interest in the patering						
or leased land at the time the work was performed.						
•						



Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation



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 quesiton sur la collece 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 65. téléphone (205) 820 2264 (Ontario) P3E 6A5, téléphone (705) 670-7264.

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.

Туре	Description	Amount Montant	Totals Total global	
Transportation Transport	Туре			
	RECEN			
Food and	NOV 0.0	100E		
Lodging Nourriture et hébergement	NUV Z 3	1992		
Mobilization and Demobilization Mobilisation et démobilisation	MINING LAND			
	Sub Total of India Total partiel des coûts	rect Costs indirects		
Amount Allowable (Montant admissible	not greater than 20% of Dir (n'excédant pas 20 % des c	ect Costs) coûts directs)		
Total Value of Asse (Total of Direct and A indirect costs)	sement Credit Valeur tota Nowable d'évaluatio (Total des ce et judinets :	le du crédit n dts directe		

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.

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	Evaluation totale demandée
× 0,50 =	

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

la

.

Sep 5, 1995

1. Direct Costs/Coûts directs

Туре	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's	Type	14,275 20	
Droits de l'entrepreneur	incolingues	14,050 ==	
consell			28,3550
Supplies Used Fournitures utilisées	Туре		
Equipment Rental Location de	Туре		
metériei			
·	Total Din Total des coû	ect Costs	28 353-44

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.

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
× 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.

_ I am authorized

that as _

Recorded Holder, Agent, Position in Company)

to make this certification



Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

December 04, 1995

Our File: 2.16268 Transaction #: W9560.00390

Mining Recorder Ministry of Northern Development & Mines 60 Wilson Avenue, 1st Floor Timmins, Ontario P4N 2S7

Dear Mr. White:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1204405 & 1198922 IN DELORO TOWNSHIP

Assessment credits have been approved as outlined on the report of work form. The credits have been approved under Section 14 (Geophysical) of the Mining Act Regulations.

The approval date is November 28, 1995.

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

ORIGINAL SIGNED BY:

Ron coald.

cc: Resident Geologist

Timmins, Ontario

Ron C. Gashinski Senior Manager, Mining Lands Section Mining and Land Management Branch Mines and Minerals Division

/ SBB/jl

Enclosure:

Assessment Files Library

Sudbury, Ontario

MAP SYMBOLOGY Aerial Cableway 🗕 🛶 -Pipeline (apose Bronvy) _____ Boundary Railroad iternatione Single Treck -+--+--+--Interprovincial Double Track District, Tounshi Abundoned -+ -+- -Indian Reserve TRP 574 7963 Approximite Turntable +-• • Road 5376000mN Lot, Concession Highway, County -----Approximate - ----Township 7959 910 Park Boundary Access (roud of daughtful -----TRP • Bridge maintanance or ╞══╡ 172 299 significant driveway) Roud, Relirodd HR Trail, Bush Read (portage alley) ſ<u></u>. - - - -Building 868 🔴 8D ٥ Chimney Rapids 8D * * * * * Cliff, Pit, Pile Double line river FRODIE with multiple rapide VHR 933 Contours 68 ----Duble like river with multiple repide Ropid TRP 171 interpolated - -----HR TR\$ 838 HR Reserve 50 934 Reservoir Approximate 93 31 River, Stream, Canal Depression - 1 1 Control Points Approximate -----Horizontel A 01774051 -Irection of flow 0 300 02 5 Mverticel Fock H∦R 936 (significant Culvert hoal Folis HR 1152 • Spot Elevation 48°26'--Double line river (lake elevations) -300 0 Hrono. Fence, Hedge, Tower . -----Wall 8637 Transmission Line 18877 Feature Outline ----40 (Construction features, 1 1 ets.) Poins • • 0 Pylons · · --9638 } Flooded Land Flooded Tunnel 530/704 LOCK ** Marsh or Swamp 🕛 👾 Utility Poles Wharf , Dock , Pier ------Mast 568718 24721 45 'HR 1004 Mine Head Frame 🛛 Wooded Area P 18687 \bigcirc 16250 Outcrop 451842 ٢ 451843 568716 30 4M-7881 AREAS WITHDRAWN FROM DISPOSITION • • • • 304 P M.R.O. - MINING RIGHTS ONLY 8.R.O. - SURFACE RIGHTS ONLY M.+ S. - MINING AND SURFACE RIGHTS HR 1268 $\langle \gamma \rangle$ 872095 872094 CLM 356 W-P-12/92 NR 92-FEB-24 S.R.O. (APPLICATION UNDER THE PUBLIC LANDS ACT FOR A WASTE DISPOSAL SITE) 20 0 423 Ο. 3 (s) \vdash 514239 1516240 Z RICORD Meadow 10 14 BD L. 25-Loke C 306 0 616242 JU89170 61624-1113 537 0000 mN 11479 2M-11480 10671 - **()** - 3 • 9757 9758 304 11048 90 11047 1046 | **•** 11050 11052 • 0878 1105 11064 | M -11058 80 22048 22049 7047 ્ 🕒 `પ * **•** 22118 22117 22116 (536 /000mN 48°22'-55151 22120 22119 THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MIN ING CLAIMS SHOULD CON-SULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOP 41 MENT AND MINES, FOR AD-DITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

200



ME

39

2450

207452

7896

7895

HR 863

P9192

10912

Lake

HR

`●/

855/

24465

11311

1.8197

- 0

915 815

7970

HS 804

7962

TRP 70

BD 803

HR----

TRP 174

- 0

24764

P452678 🏴

1206705

2 UNITS

7893

7189186

HR

861

P9198

HR

861

11584

9756

8915

11478

11504

113,90

22149

4. 55160

22154

' **O**

5M

316

7913

857

HR 862

TRP

2761

10911

9259

20675

20679 #50

22147

22148

P 2215 1

441247

22155

.....

1 **O**

PBIBIS

5 🌒

7912

7917

they



. ----• • ____

4400 NORTH 4300 NURTH 4200 NURTH 4100 NORTH 4000 NORTH 3900 NORTH 3800 NOR H 3700 NARTH BGUU NORTH 3500 NORTH 3400 NORIH 3 300 NORTH 3200 NORTH 3100 NORTH BODO NORTH 2900 NORTH 2800 NORTH 2700 NORIH 2600 NORTH 2500 NOR1H 2400 NORTH 2300 NURTH 2200 NORTH 2100 NURTH 2000 NURTH 1900 NORTH 1800 NURIH



Ľ,

^

1 1 1 1 1					
					N N
	1.1110	NHRTH			
	4 31111	111111111			v
	4:'111	[]]]]]]]]]]]			
	41111	NORTH			
	411111				
	{**(}))	THR H			
	;;;[]]]				
	:/[]]]				
	31,1111	1114-11			
	i i i i	NHRTH			
	(4)))				
	1 1111				
		[] 1[]]			
		[] 1]			
	11611	[11]5 []]			
	.''1()[]				
	:1300				
	:://[]]]	11118 11			
	· _ · · (})1				
	ن . ا . ا				
	:' }(]]]				
			: 2.1	6208	RECEIVED
	(*14)1)			MIN	ING LANDS BHANCH
	''{)[][]				
	[']]],	NORTH			
] (3:11)	NINKTH	о <u>5</u> 0	1 <u>00 1</u> 50 a00 SCALL (4)	S JOHN GRANT
1		CLIENT PROPERTY TITLE M Date Aug.	EXSICS PO Box 1880, Suite 13, Holli Telephone 705 OUTOKUMI DELORO T GR AGNETO 1995 Scal	EXPLORA PAN 7X1 nger Bldg, Tim 5 267 4151 PU MINES OWNSHIP ID B METER e: 1:5000	TION LTD. TION LTD. mins ont. LIMITED SURVEY



and the second second

Ś

D

ഗ

- CL

- H

ഗ

CI.

(f)

([

(U)

(]

(V)

Ш.

"

.....

сл С С С С С С С С С	ん て し ト S H		2800 11 12 12	С С С С С С С С С С С С С С С С С С С	500 50 50 50 50 50 50 50 50 50 50 50 50	(Y) 74 () () () () () ()	300 F F S F S F S
							-
			- • • • • • • • • • • • • • • • • • • •				
- SHAW	flooded area + + + + + + + + + + + + + + + + + + +						
							· ·· •
2200 11 2200 2	() [] [] [] [] [] [] [] []	н- С С С С С С С С С С С С С С С С С С С	H () (] (] () () 88 ()	Η··· (/) (], []]] (_) (_) (_) (_) (_) (_) ()	5 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	() () () () () () ()	360C EAST

.....

.

• • •

· -· ·



F

())

- CL

111

S

(L

111

(f)

(1)

11.1



230

...

.

• •

·

. _ _ _

· ··· ···

· · · · · ·

.