

### **GROUND MAGNETOMETER SURVEYS**

### **BUCKE TWP PROJECT**

## **ONTARIO**

for:

Consolidated Pine Channel Gold Corp #921-470 Granville Street Vancouver British Columbia RECOLVED

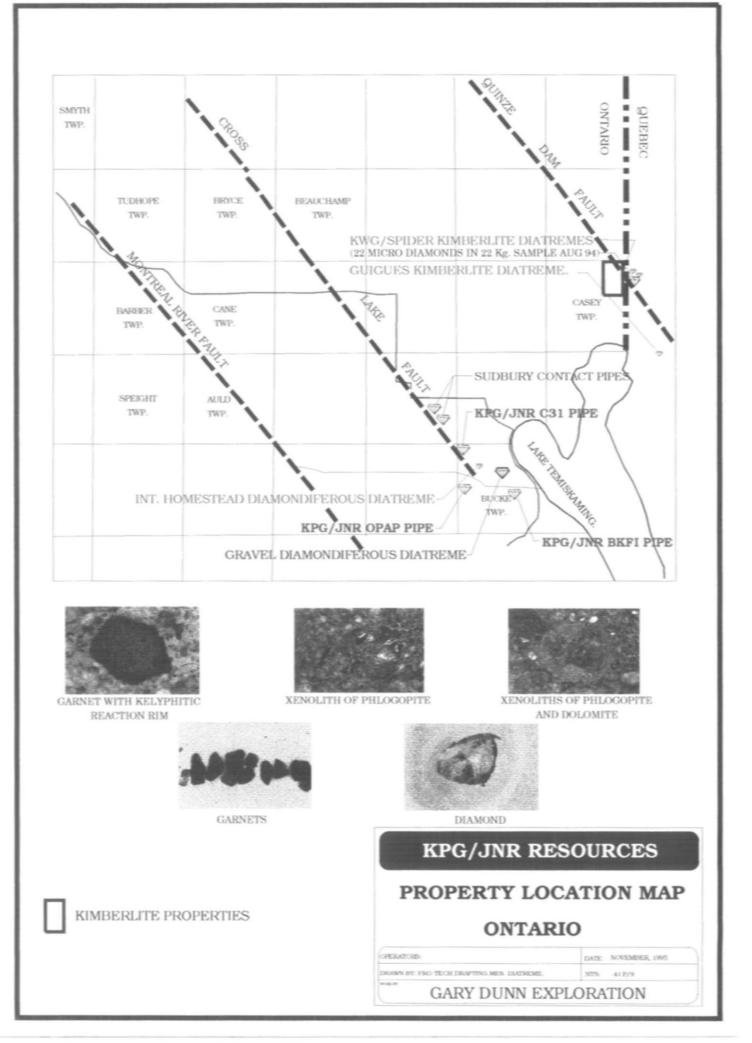
by:

Gary Dunn Exploration 710 Brewster Street Haileybury Ontario

date: December 1, 1995 Fel 1,/54

NTS

31 M 12 31 M 13 31 M 5







## **Table of Contents**

Location Map	page 1
Introduction	page 2
Summary	page 2
Property Description and Access	page 3
Claim Status.	page 4,5,6
Geology	page 7
Previous work etc	page 8,9
Ground Magnetometer Survey and Linecutting	page 10
Schedules	page 11, 12
Bibliography	
Certification	
Appendix	

### INTRODUCTION

This report covers additional work conducted by the author subsequent to that reported under "Ground Magnetometer Surveys, Bucke Twp" submitted September 20th 1995.

Extensions were cut and chained off to the east and west of the previously surveyed grid "A" onto Mining Claims 1186970, 1118549, 1118550 and 1118554. In the case of claim 1118550 CHAINSAW CUT LINES were produced.

In addition the OPAP discovery claim 1186973 was refurbished and repicketed to fit in with the grid established from baseline 0+00 east. In addition the ground magnetometer survey was redone using the GSM-19 so all of grid "A" was levelled to the same instrument (previously the OPAP grid had been surveyed by John Ewanchuk utilizing a different type and make of instrument).

### **RESULTS**

The survey on the OPAP pipe provided a somewhat clearer picture of the configuration of the target. Indeed a subsequent drill hole based on the data was drilled to define the north boundary of the pipe.

The extensions provided additional data which is presently being evaluated. To date, none of the targets defined by this additional work has been drill-tested.

Most importantly, the entire grid "A" has been tied-in to one baseline and levelled to the same data base.

### PROPERTY DESCRIPTION, LOCATION & ACCESS

The claims are itemized per the attached tables. The staked mineral claims are broken down on the lists as some being staked by and wholly-owned by Consolidated Pine Channel Gold Corp. The remaining staked claims were optioned from partners John Ewanchuk, Keith M Barron, Robert L Barnett and Bjarne Westin. The service address is Box 932 New Liskeard Ontario for the partners.

Several Patented Claims are also included in the package and are shown on the location map. As well the front page of the agreements are appended.

The properties all generally easily accessible as they lie on farmland or the margins thereof, although in most cases the :mag low" sit on topo lows and are thus poorly drained and full of alder bushes.

Highway 11 transects the property, and as well the road to Mowat's landing runs in and East-West direction across the centre of the property. Powerlines and infrastructure is readily available.

Topography is low lying except where the diabase dykes intrude and create sharp hills and cliffs due to their resistive nature to glaciation and weathering. The low-lying wabi creek sits in clay and creates an obstacle to travel and linecutting etc.

### Consolidated Pine Channel

Colume ! = Government annual claim assessment value of \$400/unit after second year from recorded date

Colume 2 = Value of work applied to claim by company

Colume 3 = Balance remaining to meet Government assessment requirements

Colume 4	4 = Total R	esen	/e	Jol'	V	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_	27.53.44		
			DV	Deno	V otes value o	of assessm	ent ap	plied for			
Claim Nu	mber		131	2	3	4	Recor	ded Date	Due D	ate	Comments
		units								<u> </u>	
Bucke	1118531	4	2622	578		0	92	Sep21	95	Sep21	Ext
Ewan	1118540	1	655	145	ł	0	92	Nov09	95	Nov09	Ext
!	1118541	2	600	1000	ł	! 0	92	Oct30		Oct30_/	
:	1118549	4	1100	2100	<u>}</u>	148	93	Jan25	₹ 96	Jan25	
;	1118550	4	1100	2100		. 0	93	Jan25	96	Jan25	
i t	1118554	4	1100	2100	ł	0	93	Jan25	96	Jan25	
i	1118555	4	1100	2100	i	0	93	Jan25	96	Jan25	
!	1186737	1	655	145	1	0	92	Oct21	95	Oct21	Ext
ļ	1186966	4	1200	2000	1	O	92	Oct27	<b>¥</b> 95	Oct271	
1	1186967	1	300	500		0	92	Oct27	<b>4</b> 95	Oct27_	1
] .	1186968	6	1800	3000		0	92	Oct27	195	Oct27_ •	
İ	1186969	1	300	500	Ì	0	92	Oct27	195	Oct27 V	
İ	1186970	2	600	1000	(	! 0	92	Oct27	<b>95</b>	Oct27 🗸	•
•	1186972	4	300	500		! 0	92	Oct27	95	Oct27 V	
•	1186973		251	1349		1170	92	Oct27	97	Oct27	
i	1191097	4	1200	2000	1	. 0	92	Oct30	x 95	Oct30_	!
•	11 <b>9</b> 1098		600	1000	ĺ	į o	92	Oct30	<b>y</b> 95	Oct30	İ
!	1198636	2	800	l o	İ	0	94	Sep23	× 96	Sep23	
1	1198673	4	1600	0		0	95	May29		May29	1
	1198681	4	1600	0	l	0	94	Nov16		Nov16	
1	1198688	1	400	0		0	94	Sep23	▶96	Sep23	
1	1223205	4	1600	0	ł	i 0	94	Dec15	96	Dec15	i
:	<u> </u>		į į	İ	1	l				!	i
!	!!		<u> </u>			!			1	!	İ
;	1		i I			1	•				į
	1 1		1	1	Ī	7	1	l	1	:	1

Claim	Number		1	2	3	4	Recor	Date	Due	Date	Comments
		units		************					T		
KPG							Ì	i	1	1	1
Firstbrook	1212033	2	800	0	l	0	95	Jun28	97	Jun28	1
Bucke	1212036	4	1200	0	İ	0	95	Jun20	97	Jun20	İ
	1212037	1	400	0	ļ	0	95	Jun20	97	Jun20	1
	1223325	8	3200	0	į	0	95	Jun20	97	Jun20	i
	1223326	1	400	0		0	95	Jun20	97	Jun20	ì
	1223327	4	1600			0	95	Jun20	97	Jun20	}
	1223328	2	800	0		0	95	Jun20	x 97	Jun20	
	1211533	4	1600	j			98	SEPT	97	Sep+	100% KP
Ewan	٠.										
Firstbrook	1198552	4	1600	0		0	94	Jun06	96	Jun06	1
	1198553	16	6400	0		0	94	Jun06	96	Jun06	
	1198556	16	6400	0	i	Û	94	Jun06	96	Jun06	!
	1198557	4	1600	0		0	94	Jun06	96	Jun06	í i
	1198558	1	400	0		0	94	Jun06	96	Jun06	
	1198577	16	6400	0		0	94	Jun06	96	Jun06	ŀ
	1198578	4	1600	0		0	94	Jun06	96	Jun06	ļ l
	1198584	16	6400	0		0	94	Jun06	96	Jun06	1
- 1	1198585	4	1600	0		0	94	Jun06	96	Jun06	
	1198675	5	2000	i oi		. 0		Sep23		Sep23	j i
1	1198685	8	3200	0		0	94	Oct17	96	Oct17	1 1
	1198686	4	1600	0		0	94	Sep23		Sep23	1
	1199687	4	1500	o		Ç	94	Sep23	56	Sep23	ł
i	1198699	8	3200	0		0	94	Sep23		Sep23	1
	1198700	16	6400	0		0	94	Sep23	96	Sep23	
								l			
	i										

## DISPOSITION OF CLAIMS

A total of 28 claims covering 83 units or 3317 acres in Bucke Twp.:

CLAIM #		DESC.	LOT #	CONCESSION	UNITS
1118540 1186967 21186966 12186970 1186973 1186968 1186969 1191098 1191097 1118541 1186737 1118549 1118550 1118554 1118555 1198681 1198636 1198688 1223205 1198673	and and and	SW % SW % N % W % of S % SE % of S % SE % of N % N % N % of S % SW % of S % N % N % of S % N % N % of N % N % S % N % N % S % N % S % N % S % N % S % N % S % N % S % N % S % N % S % N % N % S % N % N % S % N % N % S % N % N % S % N % N % N % S % N % N % N % N % N % N % N % N % N % N	22233245434325311115435666	VI VI V V IV III III V VI V IV IV IV IV	1 1 4 2 1 1 6 1 2 4 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
100% KPG:					
1223325 1223327	and and and	S % N % SW % of S % SE % of S % NW % of N %	3 3 2 2 2	II III III II	8
1223326 1223328 1212036	and	NE % of N % SE % of N % N % of S % E % of S % part W % of S SE % of N %	2 2 8 3 % 3	II III I I I I	4 1 2 3 1
,			_	-	•

**GEOLOGY** 

The property is situated on the northern margin of the Cobalt Embayment and the Paleozoic Outlier. The Embayment is comprised of clastic sediments of the Huronian Group that unconformably overlie Archean Basement rocks. Both the sediments and the Archean Basement rocks have been intruded by a series of Proterozoic tholeitic sills and dykes known as Nipissing Diabase.

Major northwest-trending fault systems crosscut the Cobalt Embayment on a regional scale. These are referred to collectively as the "Temiskaming Structural Zone" (Brummer et al 1992).

The Huronian Sediments are subdivided into the Lorrain and Gowganda Formations. The Lorrain Formation, which lies at the top of the sequence, is predominantly sandstone and arkose. The underlying Gowganda is subdivided into Firstbrook and Coleman. The Firstbrook is found directly beneath the Lorrain and is a thinly laminated argillite unit. The Coleman lies on Archean Basement and is a coarse conglomerate or tillite.

The Paleozoic Outlier is composed of Silurian and Ordovician fossiliferous limeston and dolostone units preserved in downdropped graben blocks. These grabens are bounded by the northwest striking set of blocks and a second set of north-south faults.

The Property is crossed by the northwest-trending Cross Lake Fault. The two Bucke Pipes are localized by the intersection of a WNW fault along South Wabi Creek and by a north-south fault along the western edge of the Paleozoic Outlier.

In the vicinity of the OPAP Pipe, although not on the edge of the diabase sill, the diabase is broken up by internal fracturing, which would allow the passage of the kimberlitic magma.

### PREVIOUS WORK

ال

The property is situated on the edge of the Cobalt Silver Camp which saw production of cobalt/silver ore from 1903-1990. The cobalt/silver was found in veind with calcite either within or near the contacts of Nipissing diabase sills.

Since the early 1980's Falconbridge Ltd has shown interest in the base metal potential of basement Archean felsic volcanics beneath Huronian sedimentary cover. These felsics outcrop on the southern edge of the property near Sasaginaga Lake.

Monopros Ltd have been active in the area since the 1960's.A large float boulder found in a field near New Liskeard apparently sparked this activity.

In 1982 an airborne survey conducted by Monopros Lts located the Bucke Pipes. In 1983 Monopros carried out a ground magnetometer survey on the BU-01 target. In 1984 Monopros drilled the target and encountered diabase between what was later found to be kimberlite. Monopros allowed the claims to lapse and these were then restaked by Lac Minerals. A ground magnetometer survey was then carried out @100m line spacing and 12.5m stations. The east Pipe was drilled with a LongYear 44 diamond drill. This pipe was subsequently bulk sampled by KWG Resources. From 25 tonnes for macrodiamonds (0.5mm) and one microdiamond were recovered.

Falconbridge conducted surveys on claims to the East and delineated the "Gravel Pipe". Vera Cruz Minerals subsequently drilled 5 test holes on the pipe. Apparently only a small amount of material was sent to Lakefield Lab for analysis where four diamonds were recovered; three microdiamonds and one macrodiamond as well as a piece from a much larger stone. This target remains virtually untested.

The KWG/Spider joint venture has recently discovered a total of 5 kimberlite diatremes on the east side of the Lake Temiskaming Rift Valley. One is located near Guigues and is almost directly on the trace of the main Hudson Bay Paleolineament (Kutina 1971). In the spring of 1994 drilling on mag "lows" the joint venture discovered a Troika near the Ontario/Quebec border near Notre Dame du Nord. As well a single pipe was delineated right on the border. The results from these discoveries have been difficult to obtain from the partners, although in a personal communication the author was advised these pipes were diamondiferous.

Arista Resources has flown part of the subject area as has Bethlehem Resources.

Following up on kimberlite float in the area partners Barron and Barnett staked ground in Bucke Twp basing their strategy on the Lesotho Model; pipes are found on the margins of diabase sills or on faults that cut the sills. The partners teamed up with local prospector John Ewanchuk. The properties were subsequently optioned to Bethlehem Resources who flew an airborne survey over an area 8km by 5.6m

at 150 m line spacing and 100m clearance. Bethlehem drilled some mag "highs" with negative results and subsequently dropped the option. A distinct -190 nano Tesla circular negative anomaly within the diabase was found less than 4 km up-ice from the gravel pits containing kimberlite boulders. John Ewanchuk was able to drill this target utilizing a grant from the Ontario Prospectors Assistance Program (OPAP) and drilled into a kimberlite approximately 7 hectares in size. This property has now been optioned to Pine Channel Gold Corp.

At this point one must mention the discovery of a diamond "the size of a bantam hens egg". Contemporary accounts of the find indicate it was found by a settler near Sharp Lake in 1906 and was subsequently sold and sent to Tiffany's in New York to be cut.

"Case History of the OPAP Kimberlite Pipe" KM Barron et al.

#### RATIONALE FOR PROJECT

The properties lie within the Lake Temiskaming failed rift structure. (Lovell and Cains 1970). The intersection of these north and south structures and northwest-trending structures appear to mark the focii for kimberlite emplacement. The contacts to bodies such as the Nipissing Diabase sill may prove fruitful in locating additional kimberlite bodies (Lesotho Model).

From the Bethlehem airborne survey several mag "lows" similar to that resulting in the disovery of the OPAP pipe have yet to be examined. As well additional ground has been staked in the subject area which has yet to be flown.

All kimberlite pipes discovered to date in the area have proven to be diamondiferous. With the account of a diamond "the size of a bantam hen's egg" found near sharp lake in 1906, the potential of a significant diamond discovery in the subject area remains strong.

"My conclusion is that it is well warranted to investigate the diamond potential of the OPAP kimberlite pipe and that of any other kimberlite pipes which, in my opinion are likely to be found in the general area of the Temiskaming kimberlite field". (A.J.A.Janse, PHd; FGS; Ch. EngLondon, Ch. Geol London; member CIM; member AIME; fellow Aus I.M.M.; alumni G.I.A.)

### GROUND MAGNETOMETER SURVEYS & LINECUTTING

Grid "A" was extended as summarized below. The portion on claim 1118550 lies in heavy bush so chainsaw cutlines were cut by Richard Lendt of RR#1 Haileybury Ontario.

As well the claim 1186973 was refurbished and re-surveyed by the author utilizing a GSM-19 Overhauser Magnetometer serial #411387 for the field readings and a GSM-19T Proton Magnetometer serial #43308 for the base station. These are microprocessor based instruments with storing capacity to 2 Mbytes. Synchronized operation is possible between the hand held and base units to within +- 2ms. The corrections for diurnal variation are done automatically. The results of measurements are made available in serial form (RS-232-C interface) for collection by terminals or computers. The GSM-19 has a 0.2nt resolution and a 1nT absolute accuracy over it'f full temperature range in measurement of the Earth's magnetic field.

Survey's were conducted per the attached schedule @12.5 m stations and 50m line spacing. At the end of the day data was collected by "dumping" to a computer and stored on diskette. Subsquently the data was sent via MODEM to Pro-Tech Drafting in La Ronge Saskatchewan for plotting.

A total of 26 km was surveyed during this phase.

## Linecutting Schedule

Date	Work performed	Linecutter			
Jan 8-16 '95	Chainsaw cut lines Claim 1118550 (under supervision J Ewa	Richard Lendt nchuk) RK#I)Haileybury			
Sept 23 1995	Cut Baseline @ 0+00E OPAP	Richard Lendt			
		RR#1 Haileybury			
		Gilbert Sauve			
		Groom Dr Haileybury			
Sept 24 1995	Richard cut "A" extensions	Richard Lendt			
Sept 25 1995	"A" extensions	Richard Lendt			
		Gilbert Sauve			
Sept 26 1995	" East	11 11			
		11 11			
Sept 27	" West	Gilbert Sauve			
Sept 29	19	11 11			
October 3 1995	"A" to North	Gilbert Sauve			
		Richard Lendt			
Oct 5 1995	"A" North Baseline	Richard Lendt			
		Gilbert Sauve			
Oct 6 1995	"A" North	Gilbert Sauve			
Oct 22 1995	"R" 1198687,1211533	Jayson Demeester			
		RR#1 South shore Rd			
		Astorville Ontario			
Oct 23 1995	"R"	Gilbert Sauve			
Oct 24	"R"	Gilbert Sauve			
		Jayson Demeester			
October 29	"R" extensions to East	Richard Lendt			
October 21	"O" 1223325,1191097	Gilbert Sauve			

## SCHEDULE

## MAG SURVEYS

Date	Grid surveyed	GDE
September 23 1995	"O <b>"</b>	
Sept 30 1995	"OPAP"	
Oct 2 1995	"SW" extensions "A"	
Oct 3	"West" extensions "A"	
Oct 6	"East" extensions "A"	
Oct 13	"North" extension "A"	
Oct 25	"R"	
Oct 26		
Oct 29	"R" extensions	

### **ADDENDUM**

Subsequent to the initial writing of this report a detailed ground magnetometer program utilizing the same parameters as discussed in the body of the report was performed on claim 1198577 in Firtsbrook Twp, Lot 2 Conc V.

A baseline was established and then crosslines were cut and chained @ 50 METRE intervals and 25m stations.(lines were cut with machete and chained with hip chain and flagged).

## **Linecutting Schedule**

October 25 1995	Gilbert Sauve Jayson Demeester	Haileybury Ontario South Shore Rd Astorville Ontario
October 26	Gilbert Sauve	
	Jayson Demeester	
October 27	Gilbert Sauve	
	Jayson Demeester	
October 30	Gilbert Sauve	
	Richard Lendt	RR#1 Haileybury Ontario

Magnetometer Schedule

December 6 1995 Magnetometer survey "Q"

December 7

Plotting and data recovery

Dec 1995 Protech Drafting LaRonge Saskatchewan

## **RESULTS**

The survey did not identify targets thought to represent a kimberlite intrusive. The magnetic high areas are located on outcrop and the "mag lows" fall into topographic linear lows between the outcrop, structures etc.

No further work is recommended at this time.

### **CONCLUSIONS**

The extensions on grid "A" indicate some anomalous areas that are presently being evaluated. The re-survey and re-furbishing of the OPAP grid resulted in the entire grid "A" including the OPAP target being tied-in to the same baseline chainages and as well everything has been surveyed utilizing the same instrument and levelled to the same base station. Subsequently OP #6 ddh was drilled on the clearly defined north contact of the pipe.

3 targets were indicated on Claim 1211533 which were subsequently drilled. In all cases med to fine grained greywacke was encountered. (see report on the First Phase Exploration of the OPAP Pipe in Bucke Twp Ont by Iain Downie P/Eng Nov 95).

One target was indicated on claim 1223325 between 1+00 E and 2+00 E but is linear in nature and not thought to represent a kimberlite intrusive.

## Bibliography

N E Ontario Diamond Exploration Project

Sharp Lake Property/ Bucke and Firstbrook Twps.......Thomas M Williams

Sr Geologist

Cons. Pine Channel

Report for Bethlehem Resources Corporation

Sharp Lake Project......Keith M Barron

Geological Consultant

### Certification

I Gary Clayton Dunn do hereby certify that I am the author of this report and......

- 1) I am a graduate of the three year Mining Technology Program at the Haileybury School of Mines 1974
- 2) I have practised my profession continuously in the mining industry since graduation
- 3) This report is based on direct field work on the subject properties

4) I have no interest in the subject properties nor do I expect any

dated (9,5)

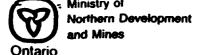
## **APPENDIX**

Posted data

Contoured data

Location Maps (grids)

Claim Maps<sup>1</sup>



## Report of Work Conducted **After Recording Claim**

W9680.00087

Ontario

Mining Act

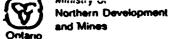
Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Suffering Ontario, P25 645, Interhance (200) 670 2004. Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

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

2.16446 - Refer to the Mining Act and Regulations for re-Recorder. - A separate copy of this form must be complete - Technical reports and maps must accompany - A sketch, showing the claims the work is assig 900 KOUVE To: Work Performed (Check One Work Group Only) **Work Group** oround Sectechnical Survey Washer Tometon Physical Work, Including Drilling RECEIVED Rehabilitation Other Authorized Work FFR 1 3 1996 **Assays** MINING LANDS BRANCH Assignment from Reserve Total Assessment Work Claimed on the Attached Statement of Costs 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 GTIKO (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. **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. For Office Use Only d States LAKE Total Value Cr. Recorded MINING DIVISION FEB 8 1996

0241 (03/91)

7 (82491)										_	Work Report Number for Applying Reserve
Total Number of Claims									1223325	1/2/1533	Claim Number (see Note 2)
									8	X	Number of Claim Units
Total Value Work									765	1190	Value of Assessment Work Done on this Claim
Total Value Work Applied									76/	1190	Value Applied to this Claim
Total Assigned											Value Assigned from this Claim
Total Reserve											Reserve: Work to be Claimed at a Future Date
which claims y  1.	2. Credits are to be cut back equally over all claims contained in this report of work.										
Note 2: If work	recorded holds	er had a benefi	cial interest in			ease confi	plete the	followings	Date	élo	196



Ministère du Développement du Nord et des mines for Assessment Credit

# État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

5.16

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 collèce de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4º étage, Sudbury (Ontario) P3E 8AS, téléphone (705) 670-7284.

### 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	SE C	_	
Fees Droits de l'entrepreneul	ill in Costs		1
	resutting 1 Ma	4/955	1955
Supplies Used Fournitures utiliades	Туре		
- Uniopes			
			<b>34.16</b>
Equipment Rental	Туре		
Location de matériel			
<del></del>	Total Di Total des col	rect Costs	1955

2. Indirect Costs/Coûts Indirects

d'évaluation.

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

Type	Descript	ion		ount Itant	Totals Total global
Transportation Transport	Туре				
					Asserta
Food and Lodging Nourriture et hébergement	RECE		D		
Mobilization and Demobilization Mobilisation et démobilisation	l	3 1996	NCH.	\ -	
	MINING LA	ADS BRY	rect C	oote	* <
	Total partiel	des coût	s Indii	ects	274527
Amount Allowable Montant admissible	(not greeter than (n'excédant pes	20% of Di 20 % des	rect Co coûls (	eta) Mrects	Large .
Total Value of Asse (Total of Direct and indirect costs)		Valour tota d'évaluation (Total des co et indirects	XII colto dire	cla	1955

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

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

İ	Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =	

### Remises pour dépôt

- 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
× 0,5	60 <b>=</b>

## **Certification Verifying Statement of Costs**

I hereby certify:

that the amounts shown are as accurate as possible and these costs were incurred white conducting assessment work on the lands shown on the accompanying Report of Worlf form.

hat as		t	Den 1		l 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	41	eentant, poste occupé den	je suis autorisé
(the Hales	nregistré, repré	sentant, poste occupé den	e le compagnie)

a faire cette attestation.

Nota : Dans grac formule, Maqu's désigne des personnes, le masculin est utillée au sens neutre.



0241 /03/91)

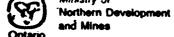
# Report of Work Conducted After Recording Claim

**Mining Act** 

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.

ina		<ul> <li>- Please type or print and submit in duplicate.</li> <li>- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.</li> <li>- A separate copy of this form must be completed for each Work Group.</li> <li>- Technical reports and maps must accompany this form in duplicate.</li> </ul>							
			cal reports and th, showing the					ny this form.	
	_				/ /	Voite	R	105255	
Re	corded Polder(s)	B	in Ca	and	WK.	Hour	2006	Client No./303	49
Ad	trees	(BA	soft &	97589	spaine.	Mester.	20791	Telephone No.	7
		OX	932	New	LISKO	ARD O	N POS	A (201647	7207
Mir	ing Division	SER	LAK		WICKE +	FREEZ	BROOK	At or G/Plan No.	3413
W	etes fork	From:	7.	1-1	-	To:	+		
_	erformed		Jun.	19)			TEB	01/16	
W(			le One Work G	iroup Only)	<del></del>				
	Work Grou				1 1	Туре			
L	Geotechnica		ORON	(M)	/VIAGNI	ETOME	TEL	·	
	Physical Wor Including Dri								
	Rehabilitation	n					<b>_</b>		- I
	Other Author	rized						I E C E I V E E	<b>)</b>
	Assays							FEB I 3 1996	
-	Assignment	from					М	INING LANDS BRANCH	1
	Reserve						10	C20	<b></b>
	holder o	cannot v	erify expenditu	ıres claime				nt work submitted if th lays of a request for ve	
Pe	rsons and S			Performed	the Work (G	ive Name an		of Author of Report)	
Pe	rsons and S	Nan	ne			7	Addre	33	
Pe	reons and S		ne		the Work (G	7	Addre	33	y on
Pe	Sand S		ne			7	Addre	<del></del>	y and
Pe	reons and S		ne			7	Addre	33	y av
Pe (	SALA		ne			7	Addre	33	y av
	tach a schedu	Nam	ne J Exfun			7	Addre	33	y and
(at	tach a schedu	Nam	J Expuls	CATACA!	7,0 B	REN STACE	Addre	33	y and
(at Ce	tach a schedu	Name of Benefit	DEXPLOIS	* See Not	7,0 S	verse side	Addre	33	Spent
(at Ce	tach a schedu	Name of Benefits a time the color of the col	cial interest	* See Noted, the claims	e No. 1 on recovered in this wo	verse side	Addre	SS SPICERSUR POJIK	Spent
(at Ce	tach a schedu	Name of Benefits a time the color of the col	cial interest	* See Noted, the claims	e No. 1 on recovered in this wo	verse side	Addre	SS SPICERSUR POJIK	Spent
(at Ce	tach a schedu	Name of Benefices time the corded ho	cial interest work was performented.	* See Noted, the claims	e No. 1 on recovered in this wo	verse side	Addre	SS SPICERSUR POJIK	Spent
(at Cc	tach a schedu ertification of certify that at the sport were record by the current re- ertification of certify that I has	Name of Benefits time the corded how	cial interest work was performed the continuous performance the continuous	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date  ork SSC	Addre	SS SPICERSUR POJIK	Scent nature)
(at Ca	tach a schedu	Name of Benefits a time the corded hold for Work I	cial interest work was performed the continuous performance the continuous	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date  ork SSC	Addre	ecorded Holds of Agent (Sign	Scent nature)
(at Co	tach a schedulertification of certification of certification of certification of certification of certification of certification are and Address	Name of Benefits a time the corded hold for Work I	cial interest work was performed the constant the constan	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date ork Cas Cas Cas Cas Cas Cas Cas Cas Cas Cas	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holds of Agent (Sign	Scent nature)
(at Co	tach a schedu ertification of certify that at the sport were record by the current re- ertification of certify that I has to completion ar	Name of Benefits a time the corded hold for Work I	cial interest work was performed the continuous performance the continuous	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date ork Cas Cas Cas Cas Cas Cas Cas Cas Cas Cas	Addre	ecorded Holds of Agent (Sign	Scent nature)
(at Co	tach a schedulertification of certify that at the sport were record by the current recentification of certification of certification of certification are and Address stepond No.	Name of Benefit at time the corded how a person of Person	cial interest work was performed the constant the constan	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date ork Cas Cas Cas Cas Cas Cas Cas Cas Cas Cas	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holder of Agent (Sign work or witnessed same dur	Abentature) ring and/or after TO PATIKO
(at Co	tach a schedulertification of certification of certification of certification of certification of certification of certification are and Address	Name of Benefit at time the coorded how a person of Pers	cial interest work was performed the constant the constan	* See Noticed, the claims are or held under	e No. 1 on recovered in this wor a beneficial inten	verse side  ork Date ork Carlined a	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holder of Agent (Sign work or witnessed same du	Abentature)  ring and/or after  Po Patrik
(at Co	tach a schedulertification of certification are and Address and Address of Office Use	Name of Benefit at time the coorded how a person of Pers	cial interest work was performed the continuous interest to the continuous	* See Noticed, the claims are or held under	e No. 1 on recovered in this work	verse side  ork Date ork Carlined a	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holder of Agent (Sign work or witnessed same dur	Abentature)  ring and/or after  O POTIK
(at Collins Follows	tach a schedulertification of certification ame of Benefit in the corded how a person of Person of	cial interest work was performed the continuous interest to the continuous	* See Note  ad, the claims the facts set	e No. 1 on recovered in this work	verse side  ork Date ork PS C	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holder of Agent (Sign work or witnessed same du  RECEIVEL  RECEIVEL  MINING DIVES	Aben frature)  ring and/or after  Co fatik	
(at Collins Follows	tach a schedulertification of certification are and Address and Address of Office Use	Name of Benefit in the corded how a person of Person of	cial interest work was performed the constant the constan	* See Note  ad, the claims the facts set  (2)  (3)  (4)  (4)  (5)  (5)  (6)  (7)  (7)  (8)  (9)	e No. 1 on recovered in this work or a beneficial intended in the work of the covered in this work of the covered in this work of the covered in this work of the covered in this work of the covered in this work of the covered in th	verse side  ork Date ork PS C	Address $A = A = A = A = A = A = A = A = A = A $	ecorded Holder of Agent (Sign work or witnessed same du  RECEIVER  Received Starting DER LAK MINING DIVEN	Abentature)  ring and/or after  O POTIK

						•	105713COK"	ς .		· ·		Jacke	Work Report Number for Applying Reserve
Total Number						1198577	1198687	1186973	118 6920	C558 111	1118556	1191097	Claim Number (see Note 2)
<b></b>					7	16	4		N	-	8	~	Number of Claim Units
Toddi Value Work						3500	1344	161	765	2628	270	212	Value of Assessment Work Done on this Claim
10,530						358	13/4	1/6/	26/	RH	270	2/2	Applied to this Claim
Total Assigned													Assigned from the Claim
Total Receive			·										Reserve: Work to be Claimed at a Future Date



Ministère du Développement du Nord et des mines

# for Assessment Credit

# État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

 $e_i$  . – .

179680.00088

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) 670-7284.

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 collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4º étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

### 1. Direct Costs/Coûts directs

Туре	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		2134
Contractor's and Consultant's	Eny Lum Ed	Prestion	
Feec Droits de l'entrepreneur	"all in Cosis"		
et de l'experi	all in Cosis"	10530	10530
Supplies Used Fournitures	Туро	,	1
utilisées			
			1
Equipment Rental	Туре		
Location de matériel			]

Total Direct Costs
Total des coûts directs

### 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	Descripti	on	Ame	ount tent	Totals Total global
Transportation Transport	Туре				
					100 miles
<u> </u>	<del> </del>		-	i	<b>1</b>
Food and Lodging Nourriture et	RECE		D		
hébergement	FEB-1	9 1996			Doct-
Mobilization and Demobilization Mobilisation et démobilisation	MINING LAN		NCH	′ •	
<u> </u>	Sub Total			net	***
	Total partiel				
Amount Allowable Montant admissible	(not greater then	20% of Di	rect Co	ete)	)
Total Value of Ass (Total of Direct and Indirect costs)	essment Credit	Valour tota d'évaluation (Total des o	ale du c XA	rédit	9530

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.

1. Les travaux déposés dans les deux ans suivant leur achèvement sont

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement

remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

## Filing Discounts

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

ſ	Total Value of Assessment Credit	Total Assessment Claimed
l	× 0.50 =	

## sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Remises pour dépôt

Evaluation totale demandée

Valeur totale du crédit d'évaluation × 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 (Recorded Holder, Agent, Position in Company)

\_ I am authorized

a faire cette attestation.

### 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 le formule de rapport de travail ci-joint.

Et qu'à titre de je suis autorisé oktaire expelsiré, représentant, poste occupé dans le compagnie)

Nota : Dans prate formule, tempu's désigne des personnes, le masculin est utilléé au sens neutre

to make this certification



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

May 01, 1996

Our File: 2.16446

Transaction #: W9680.00087 .00088

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, CLAIMS L1211533 BT AL IN BUCKE & FIRSTBROOK TOWNSHIPS

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 14, Geophysics (MAG), of the Assessment Work Regulation.

THE APPROVAL DATE IS APRIL 29, 1996.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

Yours sincerely, ORIGINAL SIGNED BY:

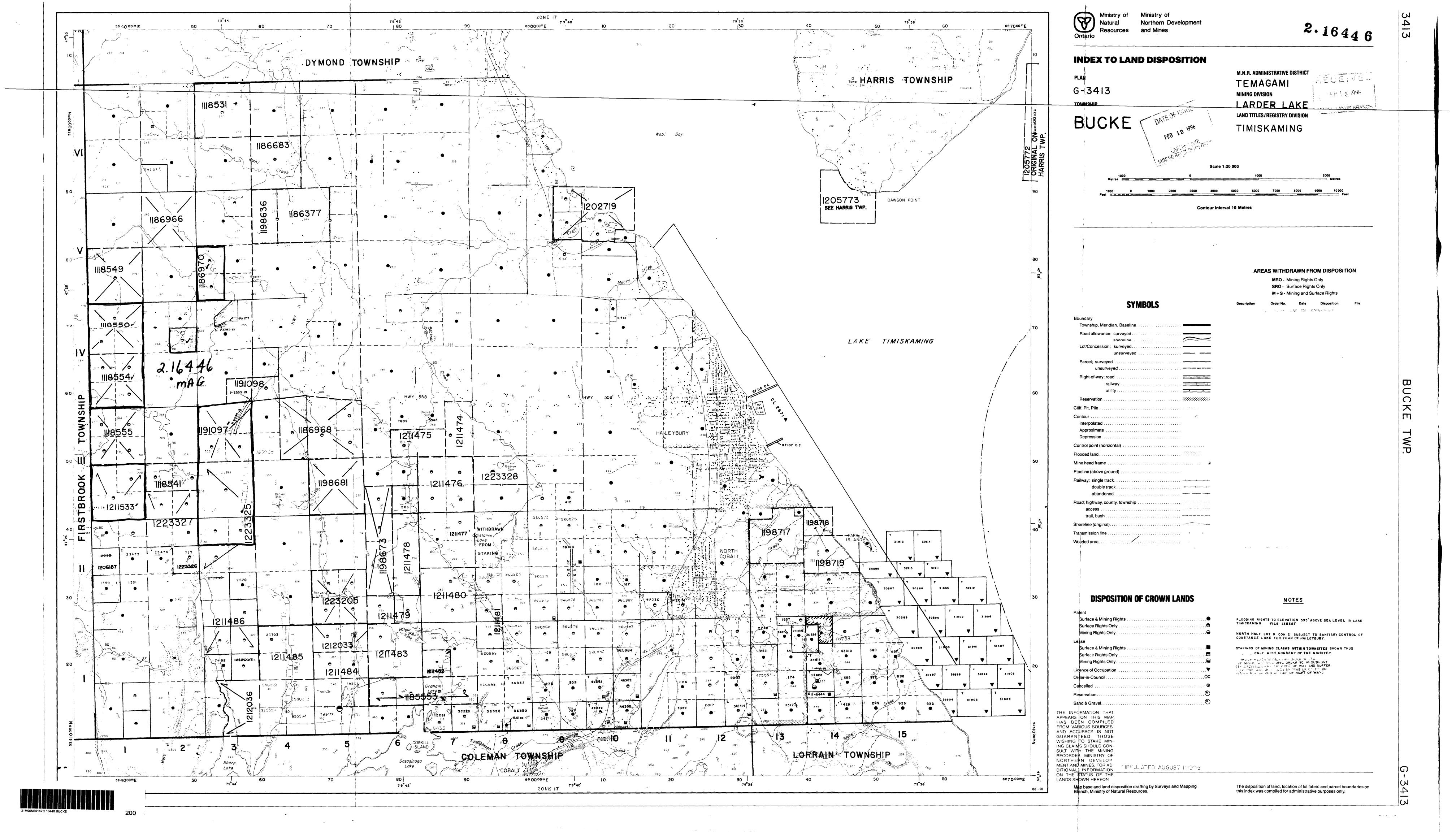
Ron Coalas

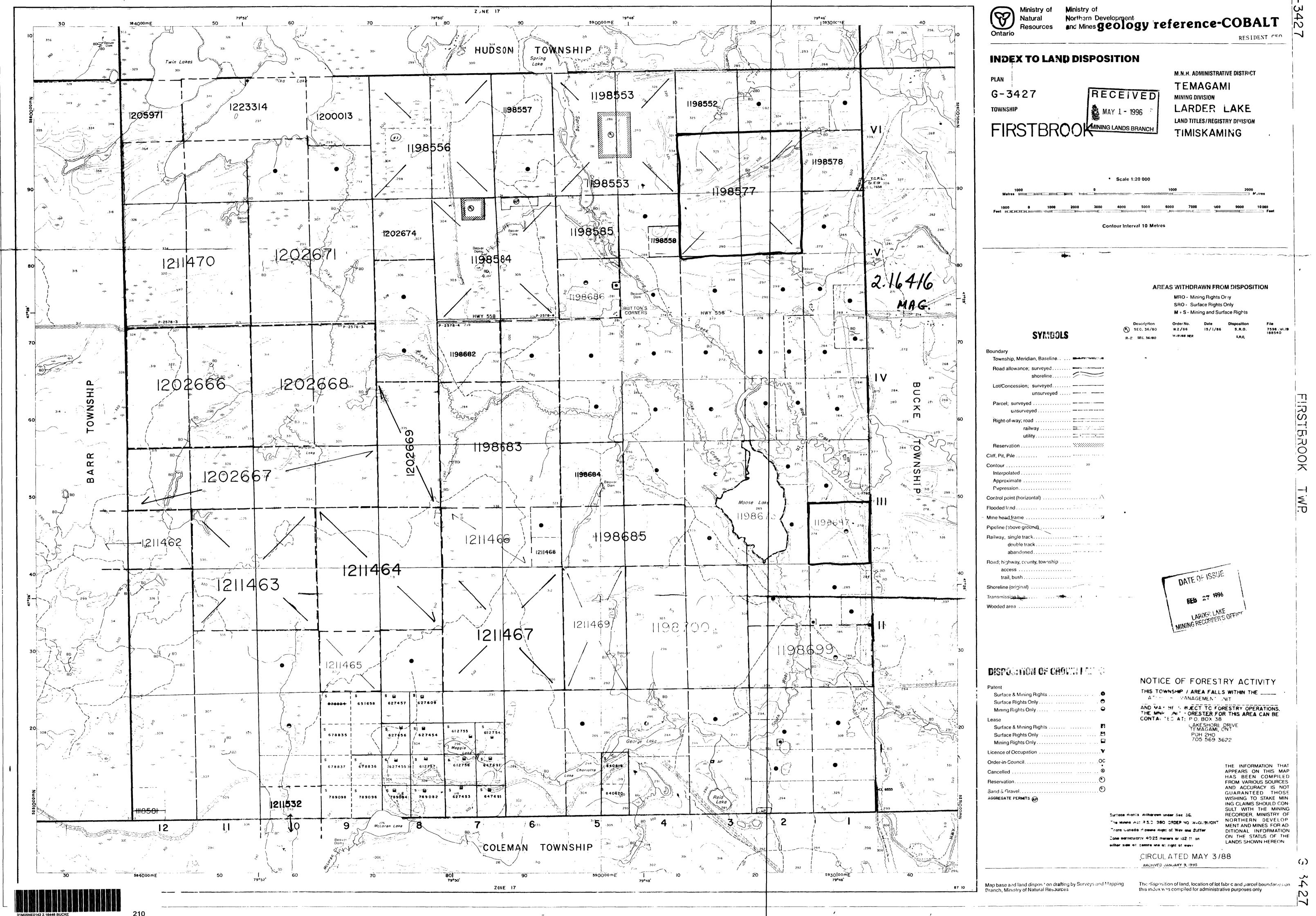
Ron C. Gashinski Senior Manager, Mining Lands Section Mines and Minerals Division

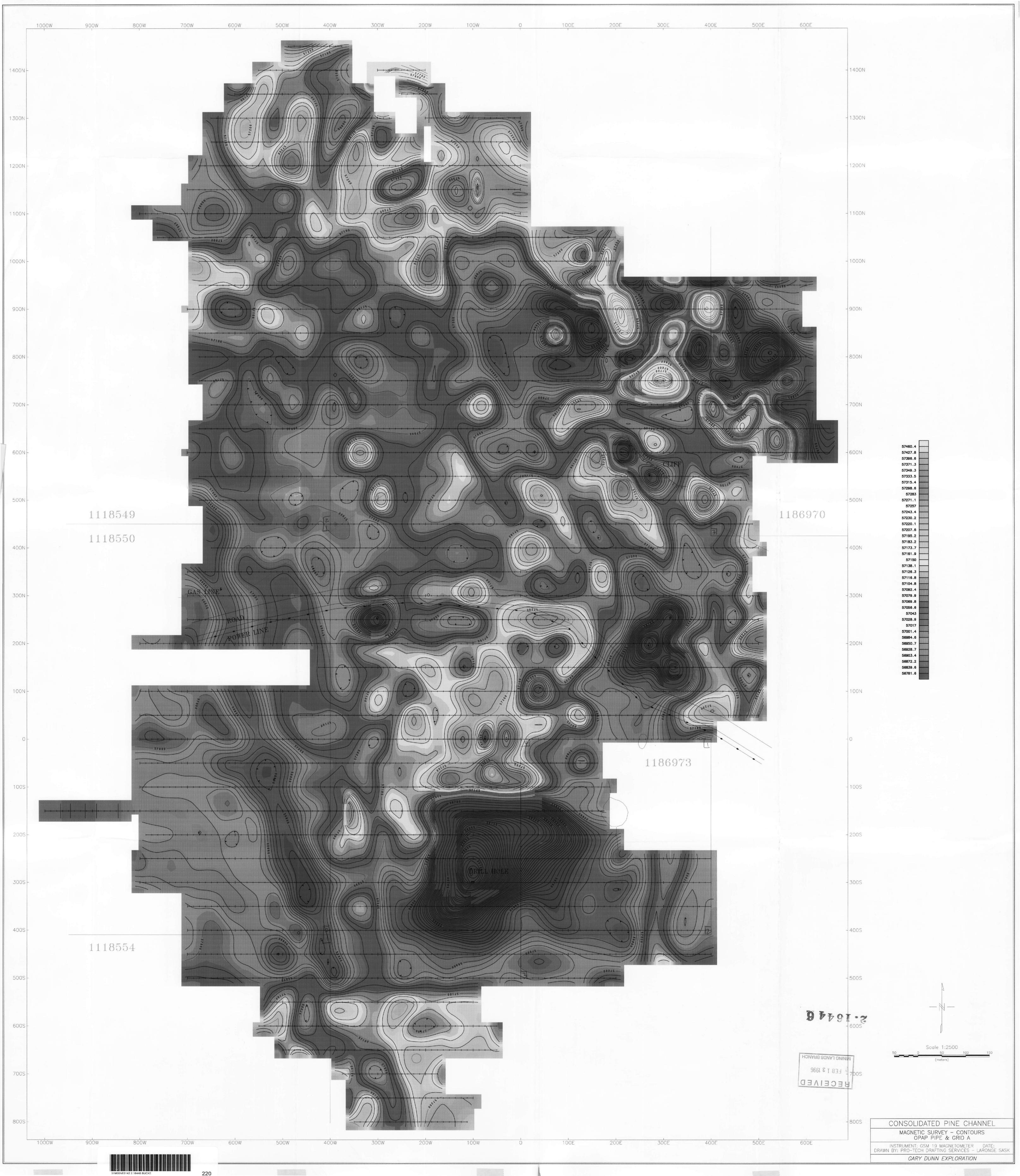
LBJ/jl Enclosure:

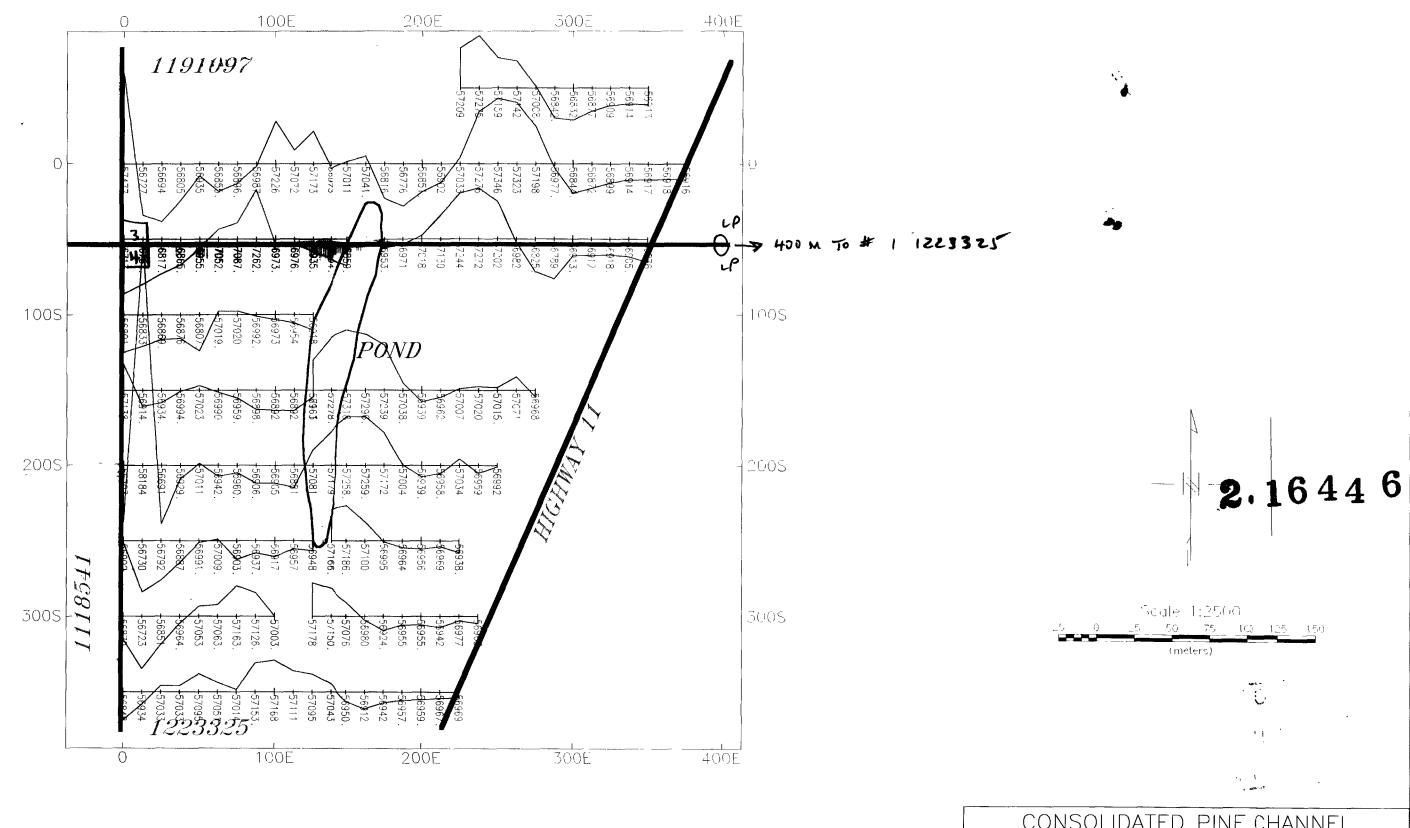
cc: Resident Geologist Cobalt, Ontario

Assessment Files Library Sudbury, Ontario









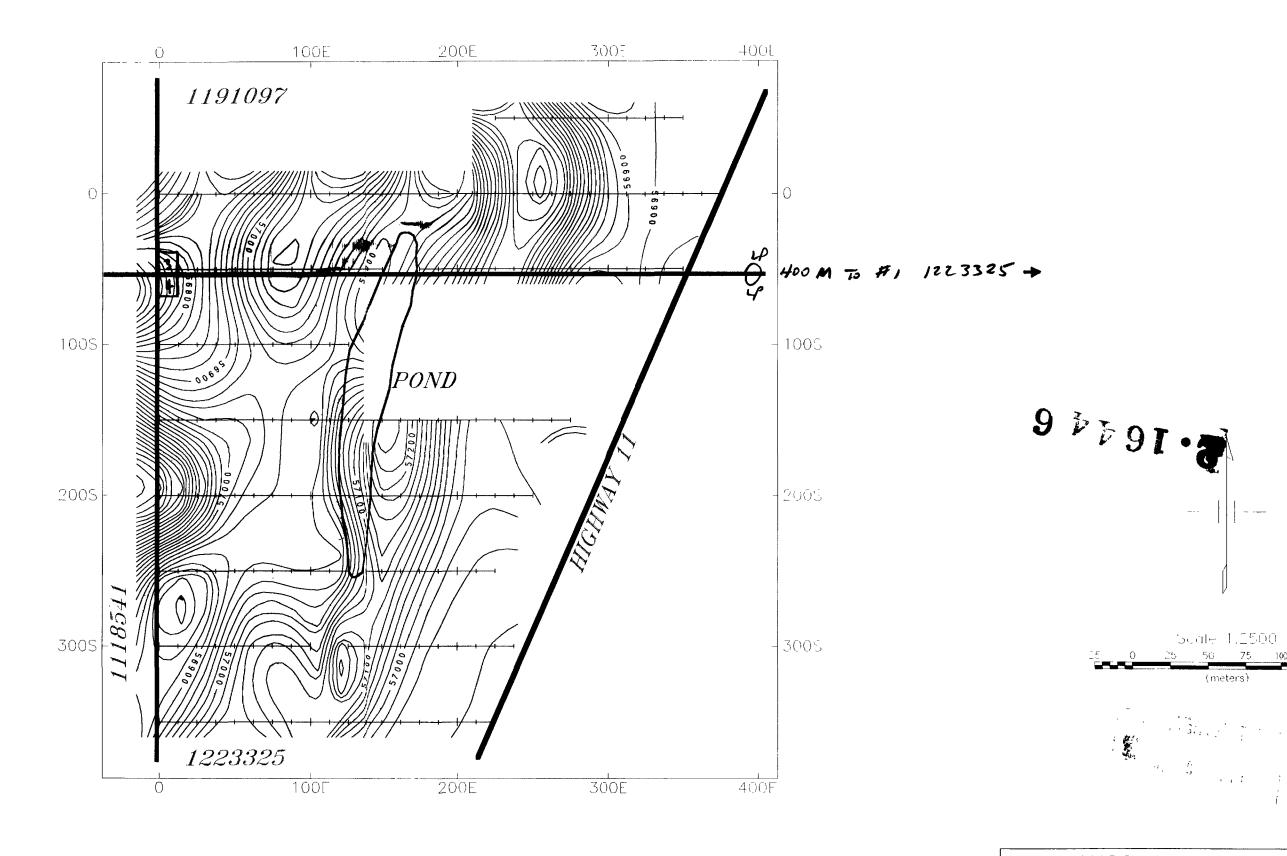


CONSOLIDATED PINE CHANNEL

MAGNETIC SURVEY - POSTINGS GRID O CLAIMS 1223325 & 1191097

MISTRUMENT: GCM TO MAGNETOMETER: DATE: BASE STATION COPPECIED: DEAWN BI, PRO TECH DRAFTING DERVICES - LARONGE, SASE, VERTICAL SCALE 1cm=200 Gammas BASE 5 1000 Gammas

GARY DUNN EXPLORATION





## CONSOLIDATED PINE CHANNEL

MAGNETIC SURVEY - CONTOURS
GRID O CLAIMS 1223325 & 1191097

HISTRUMENT GSM 19 MAGNETOMETER DATE BASE STATION COPRETED DRAWN BY PROMTECH DRAFTING SERVICES — LARONGE, SASE

GARY DUNN EXPLORATION

