

HOLE: CH-1-96

2.18126

JAN 30 1998

Page 1

RECEIVED
GEOSCIENCE ASSESSMENT
OFFICE

Drilled By: Boart Longyear
Started: Jan. 22, 1996
Finished: Jan. 28, 1996

Property: Gerlach
Township: Chamberlain
Logged By: Ray Lashbrook, Jan. 29, 1996
Claim Number: 1197680
Dip: -45 Degrees (collar)
Length: 200'
Azimuth: 315°; Core Size: B-Q

Latitude: 44+00E
Longitude: 237.5S
345 m West & 120 m North of NR2 Post 1197680

- 0 - 2' Casing
- 2' - 5.25' Mafic Volcanics
 - fine grained, dark green.
 - numerous hairline to 1-2 mm quartz +/-carbonate veinlets 50°, 60°, and 80° degrees to core axis.
 - lower contact sharp 58° degrees to core axis, probable movement along contact.
- 5.25'-7.0' Sediments (Interflow Sediment? Lean Iron Formation?)
 - fine grained, light to medium green.
 - alternating layers to 2mm thick of chert, chlorite, hematite, pyrite; weakly magnetic.
 - bedding 58° at upper contact then folded parallel to core axis: lower contact sharp at 70°-75° to core axis.
 - carbonate veins with pyrite at 5.5' (4mm 45° to C.A.); 6.1' (3mm 70° to C.A.); 6.4' (3mm 80° to C.A.); 7.1' (.8cm 70° to C.A.).
 - Pyrite 5%-8%, as fine beds and cubes to 1-2mm, poss. some sphalerite.
 - 15551 - 5.25' -7.2' 1.95'
- 7.0 - 8.75 Mafic Volcanic
 - dark green, medium grained, fractured 45°-60° to C.A.
 - numerous quartz-carbonate veins to 1-2mm.
- 8.75-12.00 Ultramafic Volcanic
 - medium olive green, layered?
 - upper contact sharp, marked by 1cm wide vein 65° to C.A.
 - lower contact sharp 10° to C.A.
 - lower area fractured 15° and 50° to C.A.
 - minor pyrite, carbonated
- 12.00-16.75 Shear Zone/Quartz Vein
 - sheared and silicified to 15.5' then quartz vein to 16.75'.
 - shear 5° to 10° to C.A. to 14.25' then apprx. 30° to C.A.
 - sulphides apprx. 6-8% pyrite; 1/2% cpy. first 1'.
 - pyrite along foliation and as cubes to 1-2mm.
 - quartz vein has fragments of mafic volcanics.
 - lower contact sharp 10°-15° to C.A.
 - true width apprx. 1-2'.
 - 15552 12.0' - 16.8' 4.8'
- 16.75-22.0 Ultramafic Volcanic
 - as 8.75-12.0', carbonated
 - lower contact calcite vein 80° to C.A. apprx. 3cm thick.

010

CHAMBERLAIN

2.18126

31M13SW2002



- 22.0' - 56.8' Mafic Volcanics
 -fine to medium grained becoming coarser grained down section.
 -dark grey green in colour.
 -numerous quartz-carbonate veinlets to 3mm thick, generally 0.3mm thick throughout.
 25-27.2' -sheared, 30% quartz-carbonate veins.
 -minor pyrite; upper contact appr. 20° to C.A., lower appr. 50°.
 35-38.3' -badly fractured, 0 to 20° to C.A.
 41.3' -quartz-carbonate-epidote vein, 1cm wide, 30° to C.A.
 -minor fine disseminated pyrite.
 52.7-56.8' -schistose to sheared, lighter coloured top 1'; 53.6'-53.8' quartz-carbonate vein 40° to C.A.
 -numerous other veinlets to 2mm, minor pyrite.
- 56.8' -77.0' Mafic Volcanic
 -very coarse grained first 2' with chloritized amphiboles to 3mm in diameter.
 -thereafter the core is "dioritic" appearing with 30% whitish feldspars in dark green chloritic matrix.
 -weakly schistose, numerous quartz-carbonate veinlets to 1mm, generally 80° and 45° to C.A.; hematite staining at 72.7' and 73.7'.
 -core coarse grained 76-77' as top 2'.
 -minor disseminated pyrite.
- 77.0' - 86.7' Mafic Volcanic
 -dark green, fine grained, sheared, weakly schistose.
 -foliation generally 15°-20° to C.A.
 -lower contact 45° to C.A.
 -86'-86.2' -20% pyrite, disseminated to massive lenses.
- 86.7' - 92.0' Mafic Volcanics
 -dark green with 1mm x 0.5mm whitish feldspars
 -medium grained, minor pyrite
- 92.0' - 98.2' Mafic Volcanics
 -fine grained, dark grey green to black
 -upper contact broken; lower contact sharp 35° to C.A.
 -minor diss. pyrite; 96-96.1' - 10% pyrite, speck cpy.
- 98.2' - 104.0' Ultramafic Tuff
 -medium tan coloured with a light greenish tinge
 -bedded, possibly some fragments; bedding generally 35° - 45° to C.A.
 -top 1' has ~15 - 20% pyrite, rest 3-5% pyrite as disseminations and beds to 1 mm thick
 -some cherty beds top 1'; some folding evident; numerous quartz-carbonate veinlets
 -lower contact indistinct, appears to be intermixed with the top of the lower flow.
 15553 98.2' - 104.0' 5.8'
-

- 104.0' - 117.8' Mafic Volcanics/ Tuff
 -dark green, fine grained; numerous quartz-carbonate veinlets
 -weakly schistose mainly top 5'
 -115.8' - 116.1' - sheared, quartz veins to 1 cm., 45° to core axis
 -minor disseminated pyrite
- 117.8' - 129.8' Mafic Tuff
 -dark green with lighter green beds to 5-6 cm. thick
 -bedding generally 30° - 35° to core axis
 -fine to medium grained
 -numerous quartz-carbonate veinlets
 -minor disseminated pyrite; top foot has some 0.5mm thick pyrite beds
 -lower contact sharp 30° to core axis
- 129.8' - 132.3' Ultramafic Tuff
 -similar to previous; carbonated
 -upper and lower contact have ~2 cm. finer grained, medium green tuff; rest light greenish tan
 -minor fine disseminated pyrite
 -lower contact sharp 20° to core axis
 15554 129.8' - 132.3' 2.5'

- 132.3' - 147.5' Mafic Volcanic Flow/Tuff
 -dark green, medium grained, top 2' has fragments (flow top beccia?); may be fragments throughout.
 -numerous quartz-carbonate veinlets; minor pyrite
 -lower contact sharp 20° to core axis
- 147.5' - 151.0' Mafic Tuff
 -finely bedded; alternating dark green, medium green and white cherty(?) beds ~10°-15° to core axis
 -pyrite disseminated normally in cherty beds and also as distinct beds; ~3-5% pyrite
 15555 149.0' - 151.0' 2.0'

- 151.0' - 167.0' Ultramafic Tuff
 -similar to previous
 -bedding varies from 15° at start to 30° in cenral zone to 15° to core axis at end of section
 -finely bedded 0.1 - 1mm thick; some hard cherty beds
 -lower contact indistinct, interbedded with lower unit, ~5° to core axis
 -pyrite as fine disseminations along bedding planes, average ~1-3% ; carbonated
 15556 151.0' - 156.0' 5.0'
 15557 156.0' - 161.0' 5.0'
 15558 161.0' - 166.0' 5.0'

- 167.0' - 176.0' Mafic Tuff
 -similar to previous 147.5'-151.0'
 -bedding generally 5°-15° to core axis
 -weakly sheared along upper and lower contacts

-~20% cherty beds; some rotated fragments with dark green chlorite in pressure shadow
 -169.2'-171.75' -30% quartz veins, 5% pyrite ~10° to C.A.
 -175'-176' - 30% quartz vein, 20% pyrite, 50% mafic tuff, pyrite as cubes and masses to 1 cm wide; possible speck visible gold at 175.5'.
 15559 169.2' - 172.2' 3.0'
 15560 175.0' - 176.0' 1.0'

 176.0'- 182.5' Mafic Volcanic/Tuff
 -dark green, massive to foliated 10° to 15° to C.A.
 -lower contact sharp sheared 35° to C.A.
 -minor pyrite.

182.5' - 200.0' Mafic Tuff
 -well bedded, 0 - 30° to C.A.
 -light green to grey-green; minor diss. pyrite, last 8" ~ 2-3% quartz carbonate veins
 -in part brecciated, weakly silicified
 -core broken in places, must have ground it; probable 10' error in measuring as only 7' of core.
 15561 182.5' - 183.5' 1.0'

 End of Hole

ASSAYS

SAMPLE NO.	FROM	TO	LENGTH	AU PPB	AG PPM	CU PPM	ZN PPM
15551	5.25'	7.2'	1.95'	295	0.9	888	144
15552	12.0'	16.8'	4.8'	14	0.7	504	431
15553	98.2'	104.0'	5.8'	NIL	0.4	322	456
15554	129.8'	132.3'	2.5'	NIL	0.1	N/A	N/A
15555	149.0'	151.0'	2.0'	NIL	0.1	N/A	N/A
15556	151.0'	156.0'	5.0'	NIL	0.1	N/A	N/A
15557	156.0'	161.0'	5.0'	10	0.2	N/A	N/A
15558	161.0'	166.0'	5.0'	NIL	0.1	N/A	N/A
15559	169.2'	172.2'	3.0'	3	0.1	N/A	N/A
15560	175.0'	176.0'	1.0'	NIL	0.4	M/A	N/A
15561	182.5'	183.5'	1.0'	3	0.1	N/A	N/A

N/A - NOT ASSAYED

CORE STORED AT: 973 PINE CREEK ROAD
 CALLANDER, ONT. P0H1H0

ABBREVIATIONS

C.A. - CORE AXIS
 cpy - Chalcopyrite

Ray Sashler



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-0577-RG1

Company: **R. LASHBROOK**
Project: Chamberlain
Attn: R. Lashbrook

Date: FEB-21-96

We hereby certify the following Geochemical Analysis of 11 Core samples submitted FEB-14-96 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
K-15551	281	309	0.9	888	144
K-15552	14	-	0.7	504	431
K-15553	Nil	-	0.4	322	456
K-15554	Nil	-	0.1	-	-
K-15555	Nil	-	0.1	-	-
K-15556	Nil	-	0.1	-	-
K-15557	10	-	0.2	-	-
K-15558	Nil	-	0.1	-	-
K-15559	3	-	0.1	-	-
K-15560	Nil	Nil	0.4	-	-
K-15561	3	-	0.1	-	-

Chamberlain D.D. Core

Certified by *Dennis Chantre*

CERTIFICATE

I, RAYMOND LASHBROOK do hereby declare that

- (a) I have 100% interest in this property.
- (b) I graduated from Haileybury School of Mines in 1969 and I have been practising my profession ever since.
- (c) I reside at 973 Pinecreek Road, R.R.#1, Callander, Ontario, P0H 1H0.



Raymond L. Lashbrook
January 1996

Report of Work Conducted After Recording Claim

Transaction Number
W9880.00057



31M13SW2002 2.18126 CHAMBERLAIN 900

ct

the Mining Act. This information will be used for correspondence. Questions about Mining Act, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street,

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.
- 2.18126**

Recorded Holder(s) RAYMOND LASHBROOK		Client No.
Address 973 PINE CREEK ROAD, CALLANDER, ONT. P0H 1H0		Telephone No. (705) 752-3713
Mining Division LARDER LAKE	Township/Area CHAMBERLAIN TWP	M or G Plan No. M-446
Dates Work Performed	From: JAN 20, 1996	To: JAN. 31/1996

Work Performed (Check One Work Group Only)

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	DIAMOND DRILLING
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **7,648.30**

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
RAYMOND LASHBROOK	973 PINE CREEK ROAD CALLANDER, ONT P0H 1H0

(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	Recorded Holder or Agent (Signature)
--	------	--------------------------------------

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying RAYMOND LASHBROOK 973 PINE CREEK ROAD CALLANDER, ONT P0H 1H0		
Telephone No. (705) 752-3713	Date JAN 09/98	Certified By (Signature) Ray Lashbrook

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <p style="font-size: 1.2em;">JAN 30 1998</p> <p style="font-size: 0.8em;">GEOSCIENCE ASSESSMENT OFFICE</p>
	Deemed Approval Date April 30/98.	Date Approved	
	Date Notice for Amendments Sent		

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction
W9880.00057

2.18126

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 ^{Report - 2 days @ 25/day} Main-d'oeuvre	500.00	
	Field Supervision ^{2 days} Supervision sur le terrain	1,250.00	1,750.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Diamond Drilling	500.25	
	Bulldozer	283.55	
	Assays	160.50	5446.30
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			7,196.30

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 840 kms. TRUCK @ 403/km	252.00	
			252.00
Food and Lodging Nourriture et hébergement	4 days @ \$50/day		200.00
Mobilization and Demobilization Mobilisation et démobilité			
Sub Total of Indirect Costs Total partiel des coûts indirects			452.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			8452.00
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			7,648.30
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

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:

Total Value of Assessment Credit	Total Assessment Claimed
	x 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.
- 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.

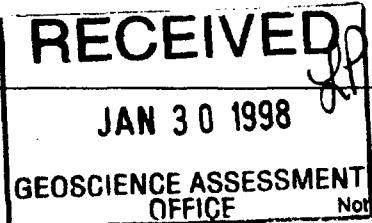
Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

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

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

to make this certification



Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature: Ray Lashbrook Date: Jan 09/98

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

June 5, 1998

RAYMOND LEVI LASHBROOK
973 PINE CREEK ROAD
CALLANDER, ONTARIO
P0H-1H0

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

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

Dear Sir or Madam:

Submission Number: 2.18126

Status

Subject: Transaction Number(s): W9880.00057 Approval After Notice

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

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

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

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18126

Date Correspondence Sent: June 05, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00057	1197680	CHAMBERLAIN	Approval After Notice	June 05, 1998

Section:

16 Drilling PDRILL

The 45 days outlined in the Notice dated April 20, 1998 have passed.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist
Kirkland Lake, ON

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

RAYMOND LEVI LASHBROOK
CALLANDER, ONTARIO

Assessment Files Library
Sudbury, ON

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

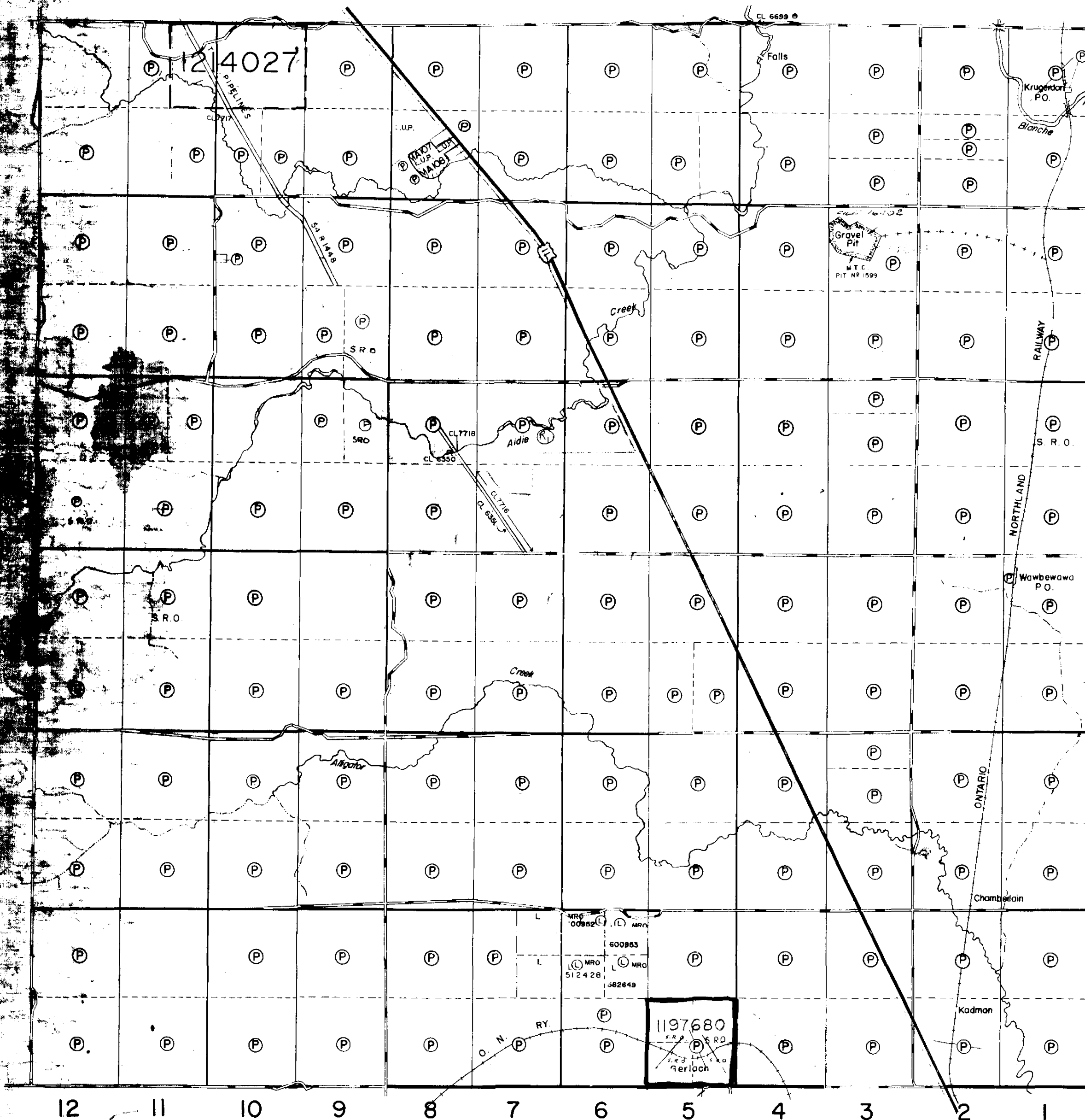
Date: June 05, 1998

Submission Number: 2.18126

Transaction Number: W9880.00057

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1197680	3,824.00
Total: \$	<u>3,824.00</u>

Pacaud Twp.



12 11 10 9 8 7 6 5 4 3 2 1

Dack Twp.

2.18126
PDRILL

ARCHIVED JULY 9/97.

THE TOWNSHIP
OF
CHAMBERLAIN
DISTRICT OF
TIMISKAMING
LARDER LAKE
MINING DIVISION
SCALE: 1-INCH=40 CHAINS

VI
V
IV
III
II
I
Marter Twp.

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

400' Surface rights reservation around all lakes & rivers.

(R) N.F.D.G. Seed Orchard & Tree Improvement Side Surface and Mining Rights Withdrawn

Surface Rights Withdrawn under Sec. 38, The Mines Act R.S.O. 1980, ORDER NO. W-01/21/01 (Trans Canada Pipeline Right of Way and Buffer Zone particularly 400' minimum 150' ft. on either side of centre line of right of way)

DATE OF ISSUE

MAR 25 1998
PROVINCIAL RECORDING
OFFICE - SUDBURY

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.

PLAN NO.-M.446

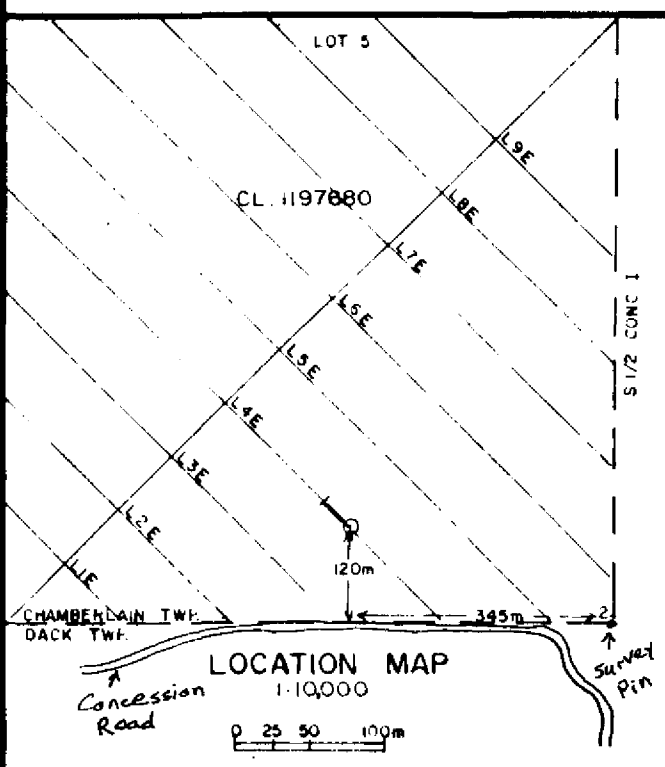
ONTARIO #9
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



RECEIVED
 JAN 30 1993
 GEOSCIENCE ASSESSMENT
 OFFICE

Decl'n: 9°W

PLAN VIEW



CROSS SECTION
 LOOKING NORTHEAST

GERLACH PROPERTY
 CHAMBERLAIN TOWNSHIP
 D.D.H. CH-1-96

Date: Jun. 1996
 Scale: 1" = 20'
 Drawn By: Ray Lambroux
 NTS: 31-M/13

