



32D04NW0006 27 ARNOLD

010

DIAMOND DRILLING

TOWNSHIP: ARNOLD TWP.

REPORT NO: 27

WORK PERFORMED FOR: Lac Minerals Ltd.

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ()

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L 893672	A1B	350.8m	Sept/87	(1)

NOTES: (1) #W9008.058, filed Mar/90

Lac Minerals Exploration - Drill Hole Summary

Project : B.K.	Location
Property : A1 Grid	Line : L3+75S
Hole No. : A1B	Station : 3+90E
Logged By : John Kovala	Length : 350.8
Date : September 29th, 1987	Units : metres
Hole Type : DDH	Dip : 90°
Start Date : September 17th, 1987	Azimuth : 0
End Date : September 25th, 1987	Elevation
Core Size : NQ	Collar :
Recovery : 98%	Bottom :

Target :

Assay Cert No

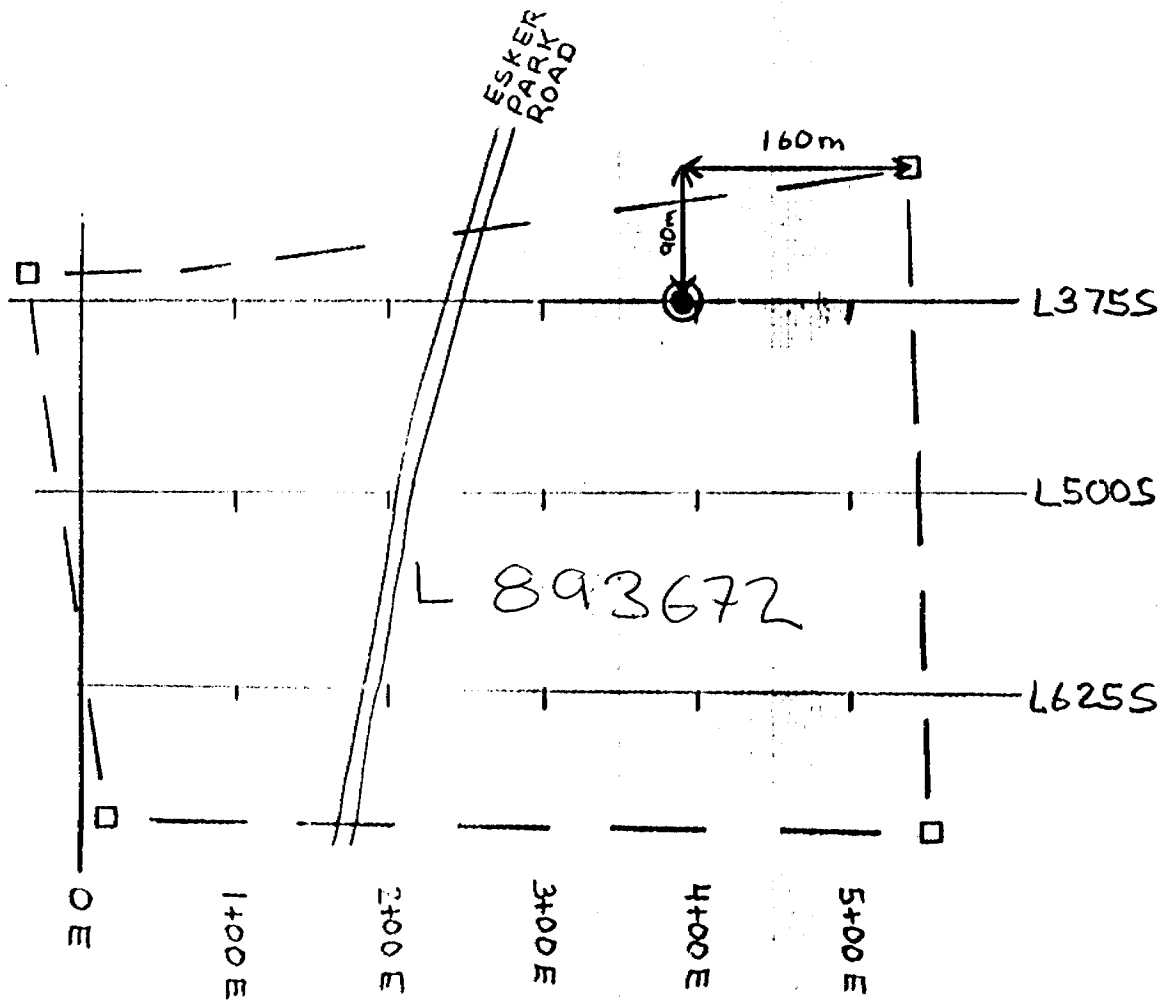
Hole : A1B - Survey Data

Distanc	Azi	Dip	Type	Remarks
0.00		90°		
121.92		89°		
236.52		87°		
276.14		86°		
306.63		83°		
350.82		82°		

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Lac Minerals Ltd		Drill Hole : A1B		Project : B.K.		Target :						
Geological and Assay Data				Property: A1 Grid								
From	To	Remarks	Sample Number	From	To metres	Au Assay (Core)				Sludge		Au ppb
						1st Pulp ppb	2nd Pulp ppb	Oz/Ton	From	To		
0.00	126.50	GLACIAL SAND, GRAVELS AND BOULDERS BROKE DRILL RODS @ 126.40 to 126.50 DACITE COBBLE										
126.50	157.89	MAFIC TO INTERMEDIATE VOLCANICS Dark grey-green fine to medium grained, non-magnetic. Approximately 10-15% black mafic phenocrysts (1 to 4mm) are set in a fine-grained aphanitic grey-green matrix. Rock transitional to minor phases containing 1 to 4mm white amygdules. Stringers occur throughout the section, range in size from 1 to 5mm in width and often have steep angles to the core axis. The stringers consist of quartz, carbonate and a soft, white talcose-like mineral. Some stringers contain minor serpentine and chlorite. Alteration halos (1cm) light green to blue in colour occur around the stringers. No sulphides present.										
157.89	260.39	ULTRAMAFIC BRECCIA TUFFACEOUS ULTRAMAFIC This rock consists of 5 to 25% fragments ranging in size from 1 to 25cm. Fragments > than 10cm are rare and most are between 1 to 4cm. Lithologies of the fragments are greatly varied. Colours vary from green and white to black. They are often intensely serpentinized light green and soft. The ground mass has been moderately to intensely serpentinized to dark green and contains abundant olivine macrocrysts. Often the olivines are intensely serpentinized and only pseudomorphs remain. Occasionally only voids remain as the olivines have been leached away. Textural variations occur throughout the section dominantly seen as changes in the amount, type and size of fragments. Colour is dominantly dark green but varies with intensity of serpentinization and carbonate alteration.										
	157.89 - 158.50	Tuffaceous Ultramafic <15% fragments fine grained dark brown ground mass										
	158.50 - 159.87	Pelletal Tuffaceous Ultramafic <15% fragments dark brown spherical lapilli with fragments as core										



Drill Hole Location Plan
 Grid A1
 Arnold Twp.

Hole : A1B

Location : L3+75S / 3+90E

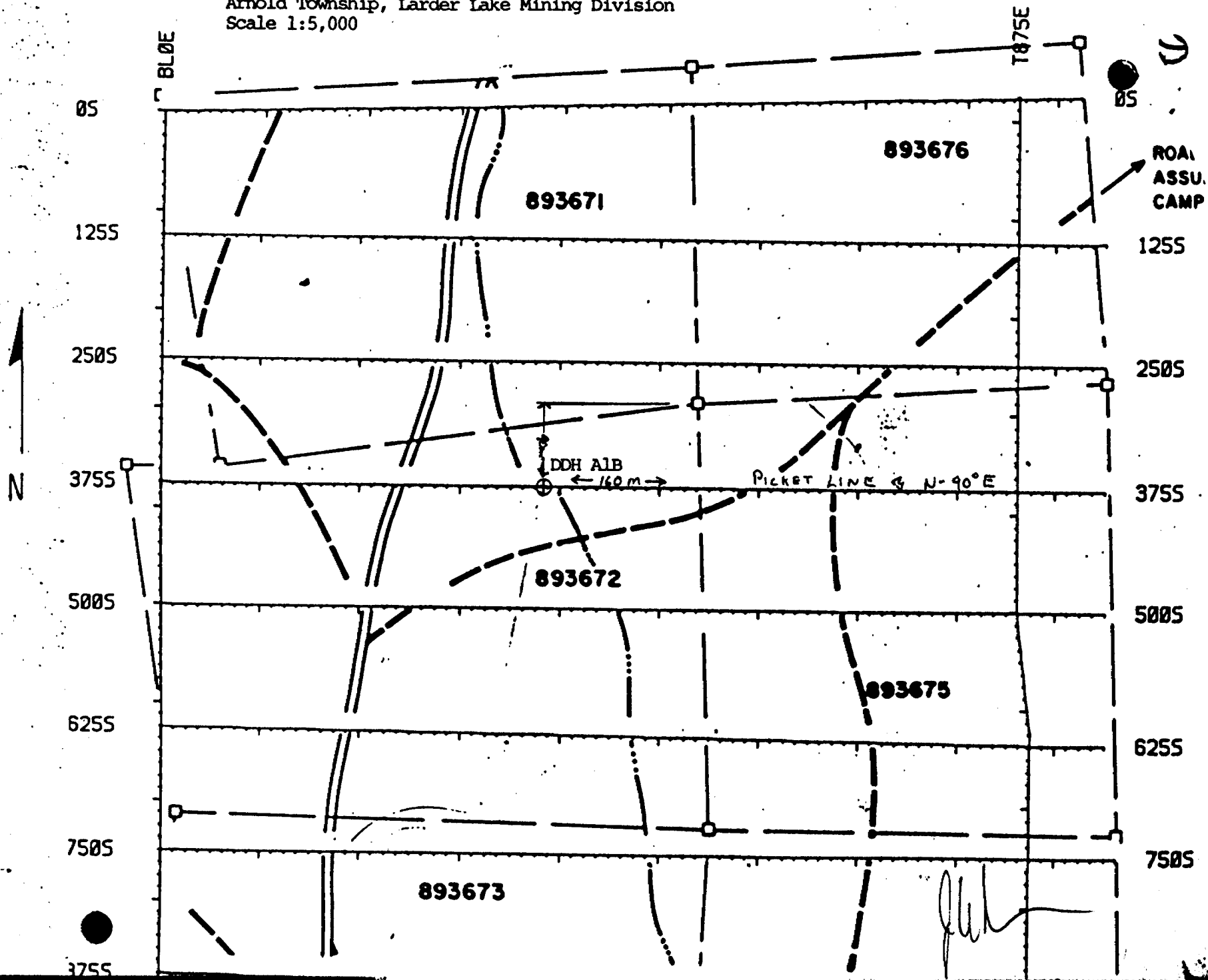
Dip : -90°

Length: 350.8

Note: From 152.4m(500') to 260.3m(854')
 is to be applied as
 work credits with
 this report of work

AKard
 MINERALS EXPLORATION
 JOHN KOVALA

Diamond Drill Hole Location Map DDH A1B
Arnold Township, Larder Lake Mining Division
Scale 1:5,000



LAC MINERALS LTD.
91 BUNICK DRIVE
KINGSLAND LAKE, ONTARIO
P2H 1Y2

GENERAL INFORMATION

PROJECT: BK PROJECT A1 GRID ARNOLD TWP

Type of Hole: DDH

HOLE NUMBER: A1F
PAGE NUMBER: 1
LOGGED BY: J. KOVALA, S. MARSH
DATE: SEPTEMBER 29, 1987

LOCATION: L3+735/3+90E
CIRCLE: LATITUDE:
DEPARTURE:
LENGTH:
PURPOSE:
DATE STARTED: 17/09/88

AZIMUTH: 0
ELEVATION: COLLAR:
BOTTOM:
RECOVERY: 98
DATE ENDED: 25/09/88

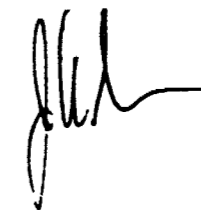
DIP: 90 DEG.
CORE SIZE: NO

SURVEY DATA

BK PROJECT A1 GRID

LOCATION	AZIMUTH	DIP	METHOD	REMARKS
0		90 DEG.		
400 (121.92)		87 DEG.		

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Lac Minerals Ltd.
 Geological and Assay Data

Drill Hole : A1-B

Project : B.K.
 Property : A-1

Target :

From	To	Remarks	Sample Number	From	To	ft./m	Au Assay (Core)				Sludge		
							1st Pulp	2nd Pulp	Oz/		From	To	
							ppb	ppb	ppb	ppb	Ton	ppb	ppb

0.0 415.0 GLACIAL SAND, GRAVELS AND BOULDERS

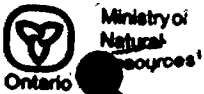
(126.50) BROKE DRILL RODS

@ 414.7 TO 415 DACITE COBBLE

(126.40 to 126.50)

415.0 518.0 BASIC TO INTERMEDIATE VOLCANICS

(126.5) (157.89) Dark grey-green fine to medium grained, non-magnetic. Approximately 10-15% black mafic phenocrysts (1 to 4mm) are set in a fine-grained aphanitic grey-green matrix. Rock transitional to minor phases containing 1 to 4mm white amygdules. Stringers occur throughout the section, range in size from 1 to 5mm in width and often have steep angles to the core axis. The stringers consist of quartz, carbonate and a soft, white talcose-like mineral. Some stringers contain minor serpentine and chlorite. Alteration haloes (1cm) light green to blue in colour occur around the stringers. No sulphides present.



Report of Work

DOCUMENT No. W8908-221



32D04NW006 27 ARNOLD

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The Mining Act

Name and Postal Address of Recorded Holder: **LAC Minerals Ltd.** Prospector's Licence No. **T-664**

6 Al Wende Avenue, P.O. Box 670, KIRKLAND LAKE, Ontario P2N 3K1

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 500	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only)	L	893671	83.3						
	<input type="checkbox"/> Manual Work	893672	83.3						
	<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.	893673	83.3						
	<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.	893674	83.3						
	<input type="checkbox"/> Power Stripping	893675	83.3						
	<input checked="" type="checkbox"/> Diamond or other Core drilling	893676	83.3						
<input type="checkbox"/> Land Survey									

Work Assignment

Claim	Name	Amount	Balance
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L 893672	Lac Minerals Ltd.	416.7	3583.3
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(below)

Diamond Drill Hole
LB L3755/390E - 500 feet
Core size: NQ

RECORDED

JUN 8 1989

Receipt # _____

Date: Nil (20) Diamond Drilling (500 days performed on June 8/89) (8908 221) L 893672

Drill logs and location sketches submitted with Report of Work.

Date of Report: **June 7th, 1989** Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **Jim Whelan 6 Baron Avenue, KIRKLAND LAKE, Ontario P2N 2Y2**

Date Certified: **June 7th, 1989** Certified by (Signature): *[Signature]*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate

3755

A.L.

DOCUMENT No.
W9008-058

- Instructions**
- Please type or print.
 - For each type of work performed, a separate Report of Work should be completed.
 - For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical)" and form no. 878 for Expenditures.
 - Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act

Report of Work

Name and Address of Recorded Holder LAC Minerals Ltd.	Prospector's Licence No. T-664
6 Al Wende Avenue, P.O. Box 670, KIRKLAND LAKE, Ontario P2N 3K1	Telephone No. (705)-567-5656

Summary of Distribution of Credits and Work Performance

Mining Division	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
Larder Lake									
Township or Area Arnold	L	893671	57						
Total Assessment Credits Claimed 342		893672	57						
Type of Work Performed (Check one only)		893673	57						
<input type="checkbox"/> Manual Work		893674	57						
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work		893675	57						
<input type="checkbox"/> Mechanical equipment		893676	57						
<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)									
<input checked="" type="checkbox"/> Diamond or other Core drilling									
<input type="checkbox"/> Core Specimens									

Dates when work was performed From: September 17/87 To: September 25/87	Total No. of Days Performed 354	Total No. of Days Claimed 342	Total No. of Days to be Claimed at a Future Date 12
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All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)		Mining Claim L893672	No. of Days 354	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Required information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

Duplicate drill logs and location sketches submitted with Report of Work.

Drilling Company: **Philippon Diamond Drilling Inc.**
829 Boule. Quebec
P.O. Box 670
Rouyn, Quebec
J9X 5C7

Hole Number: **A1B**
Location: **L3+75S/3+90E**
Dip: **-90°**
Length Submitted from 500' to 854' = 354'

NOTE* 0 to 500' of hole A1B was previously submitted for work credits.

354 days credit - 342 days applied = 12 days banked

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Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: **February 9, 1990**

Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying:
John Kovala P.O. Box 670, KIRKLAND LAKE, Ontario P2N 3K1

Telephone No.: **(705)-567-5656**

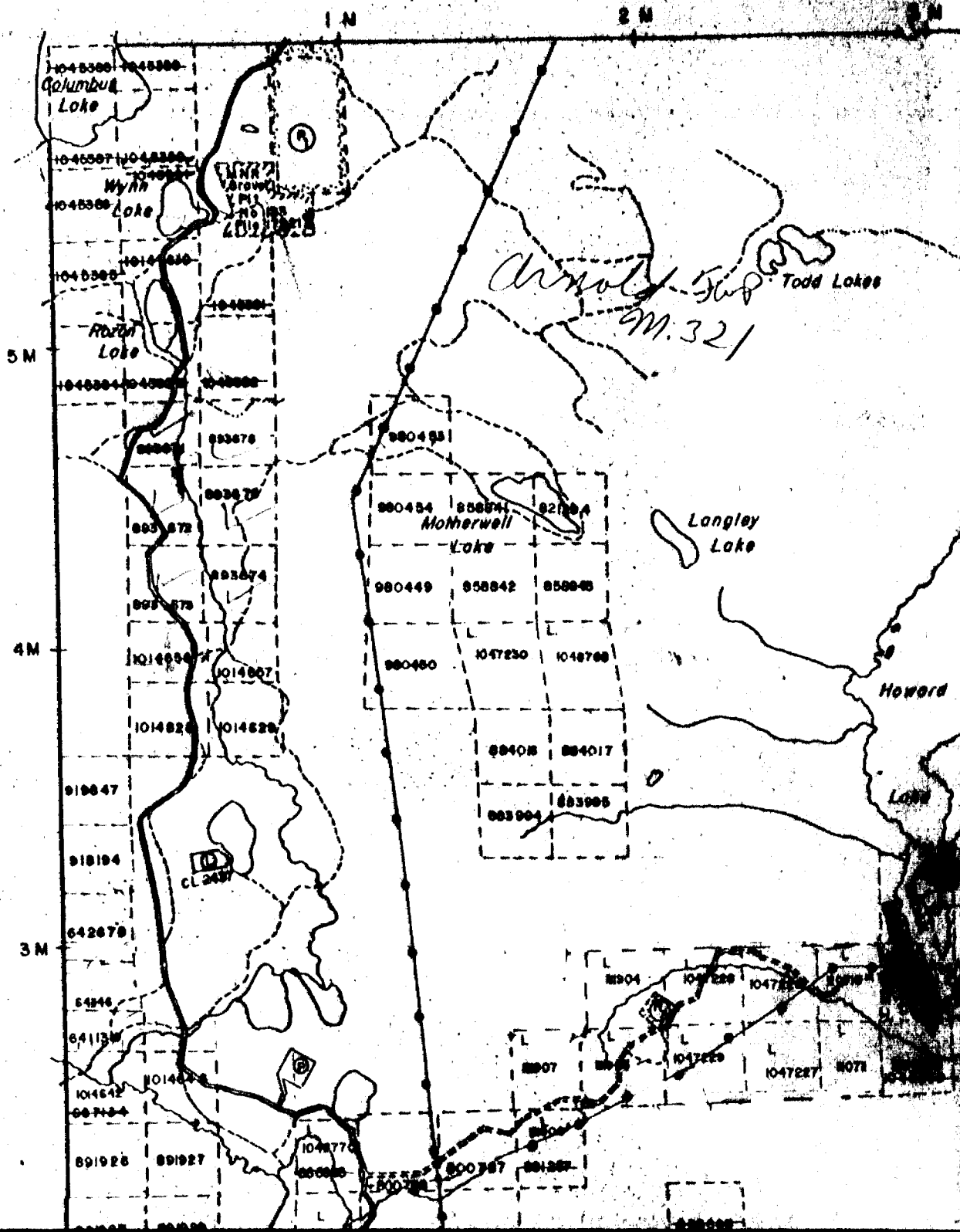
Date: **February 9, 1990**

Certified By (Signature): *[Signature]*

For Office Use Only

Work Assignments 893672 Lac Minerals Ltd	285	3298.9	Received Stamp TO OT WY HT. OTJ NC.
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Clifford Twp.



Morrisette Twp. (M. 374)