42A01NE0077 49 LEBEL

DIAMOND DRILLING

TOWNSHIP: LEBEL TWP. **REPORT NO:** 49

WORK PERFORMED FOR: Ron Chichton

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ( )

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 1047792	DC-1	150'	Jan/90	(1)(2)
	DC-2	150'	Jan/90	(1)(2)
	DC-3	150'	Jan/90	(1)(2)

NOTES: (1) #W9008.065, filed Mar/90
(2) comparable to OPAP report OP 89-17 filed Aug 12/91

42A01NE0077 49 LEBEL

020

REPORT OF DIAMOND DRILLING

ON THE DANE COPPER CLAIMS

LEBEL TOWNSHIP

LARDER LAKE MINING DIVISION

ONTARIO

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
MAR 16 1990
RECEIVED

BY: RON CRICHTON

KIRKLAND LAKE, ONTARIO

JANUARY 19, 1990

LOCATION- The Dane Copper Mine Property consists of four unpatented mining claims numbered L-1047791 to L-1047794 inclusive located in Lebel Township, Larder Lake Mining Division, Ontario. The claims are about two miles south of the Town of Kirkland Lake and can be accessed by the old Lake Shore tailings road, but cannot be driven except by all terrain vehicles.

HISTORY- The property was originally known as the Ogilvie-McKinnon Copper Mine. In 1912 the Dane Mining Co. sank two shafts to depths of 100 and 113 feet on current claim L-1047792. At a later date the east shaft (113 feet) was deepened to 200 feet and 200 feet of lateral work was done. Small shipments of very high grade copper ore were made during 1911-1913, but statistics concerning the exact amount shipped are conflicting. No further work was done until the price of copper went up in the 1950's. Consular-Harker Mines Limited acquired the property in 1950 and two short X-Ray holes were drilled in the vicinity of the east shaft in 1951. One hole returned copper values up to 2.15% in a core length of 20 feet. A self-potential survey was done on two claims in the fall of 1952.

In early 1956 Iso Uranium Mines Ltd. optioned the property from Consular-Harker and drilled 5 holes for a total footage of 1578. In late 1969 Nucleonic Mines Ltd. drilled 2000 feet in 6 holes. All the above mentioned drilling was done in the vicinity of both shafts.

GEOLOGY- The property is in an area of Keewatin rocks wedged between two large syenite masses. Much of the so-called Keewatin rock, altered locally to hornblende schist is of sedimentary origin. Two separate quartzite bands of the lean iron-formation type pass through both shafts. They have a strike slightly west of north with a steep dip to east.

The principal showings consists of two copper bearing veins of different character. The east shaft was sunk on a chloritic zone in thinly bedded quartzite heavily mineralized with chalcopyrite. A chipped sample across 3 feet ran 9.72% copper. The west shaft was sunk on a vertical quartz vein striking east-west with the chalcopyrite occuring as blebs in the quartz. A 5 foot chipped sample returned 2.13% copper.

DRILL PROGRAM- Rick Yost Diamond Drilling of Kirkland Lake, Ontario was contracted to drill three 150 foot holes.

Hole DC-1 was spotted 100 feet southwest of the No. 2 shaft and was drilled due north at 45° for 150 feet. It was designed to cut the east west quartz vein at approximately 75 feet down the hole. The vein was intersected between 71 and 74 feet and returned .002 oz./ton Au and 0.20% Cu

Hole DC-2 was spotted 75 feet southeast of the No. 2 shaft and was designed to cut the east west quartz vein at approximately 90 feet down the hole. The vein was intersected between 92 and 93.5 feet and assayed 1.14% Cu.

Hole DC-3 was spotted 50 feet northwest of the No. 1 shaft and was drilled due east at 45° for 150 feet. It was designed to cut the north-south chloritic zone at approximately 75 feet down the hole. No chalcopyrite was observed in the banded iron formation where the high grade copper zone should have been. Old reports state that the high grade copper ore that occurs in lenticular pockets would seem to be true.

CONCLUSIONS AND RECOMMENDATIONS-The east-west quartz vein at the No. 2 shaft was encountered in holes 1 and 2. However, widths and grade were not as good as at the shaft, but the holes do prove the structure is continuous for at least 175 feet. The high grade copper zone at the No. 1 shaft was not encountered in hole 3 so old reports of lendicular pods of high grade ore are substantiated. As the price of copper remains good at present more drilling is warranted on both zones.

Respectfully Submitted by,

Ron Crichton

Lic. K18365

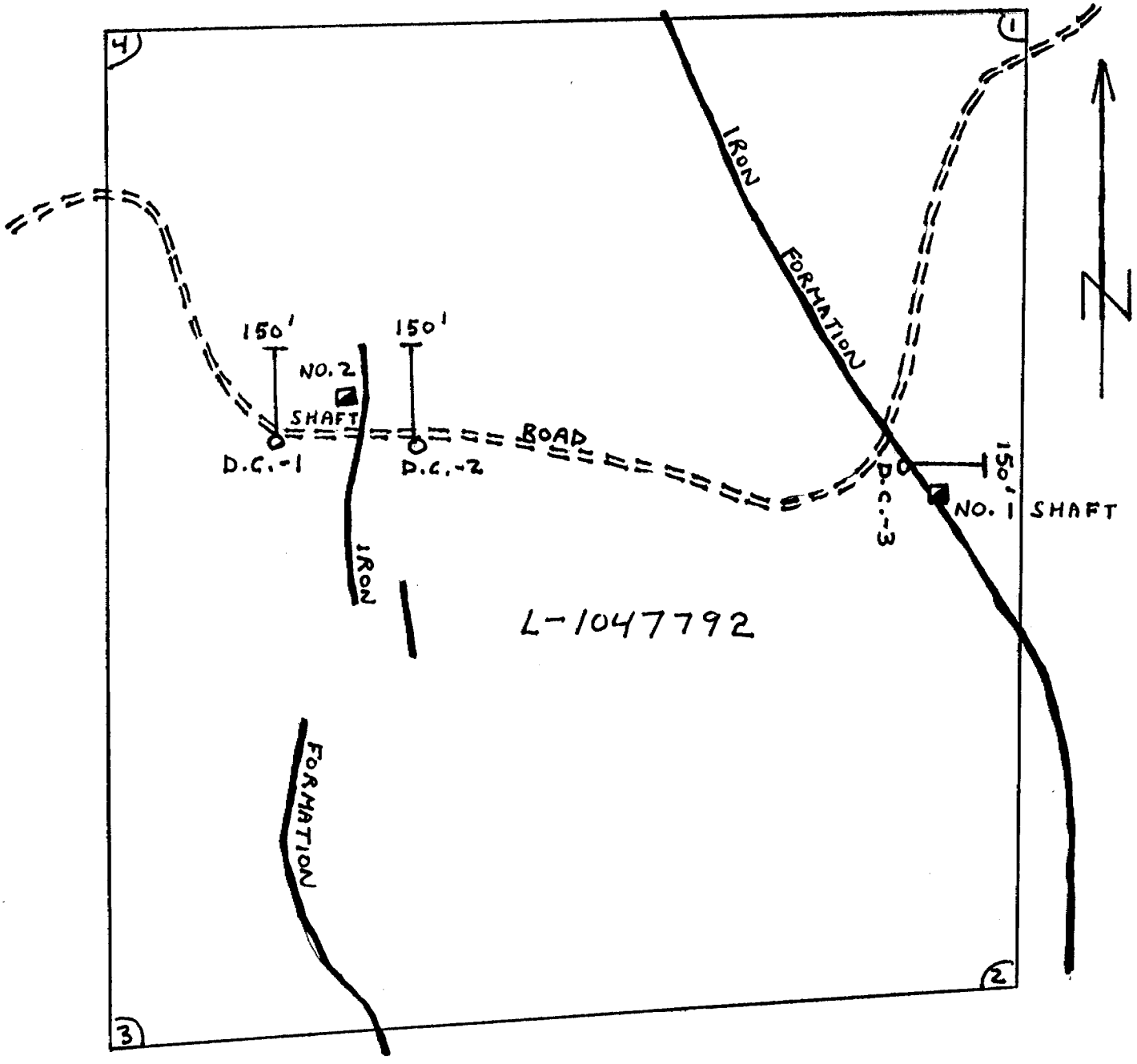
Kirkland Lake, Ontario

January 19, 1990.

DANE COPPER PROPERTY

SKETCH MAP

SHOWING DIAMOND DRILL HOLES 1 TO 3
LEBEL TOWNSHIP
LARDER LAKE MINING DIVISION
CLAIM L-1047792
SCALE : 1 INCH = 200 FEET
BY RON CRICHTON
JANUARY 16 1980



P.O. Box 1176 Telephone 567-7970

RICK YOST DRILLING & EXPLORATION LIMITED

Diamond Drilling Contractors

Kirkland Lake, Ontario

FROM ..... JOB No. Dane Copper DATE Jan 6th/90

Summary showing footage completed on **ALL** holes, also details of all **Extra Work** performed during period

from ..... to Ron Crichton ..... inclusive

HOLE No.	Depth of Hole at Start of Period	Depth of Hole at End of Period	Footage Completed During Period	Use this space for reporting extra work done for the current period; giving number of hole, nature of work, materials used, etc. and any other information you think will assist us in billing customer. **GIVE DETAILS.**	Distance From Water
1				150'	
2				150'	
3				150'	
				450' x $19.00 = $8,550.00	
				Rec $5,000	
				BALLANCE $3,550.00	
				BALLANCE PAID Rick Yost	

Ontario Ministry of Natural Resources

Drilling Log

Fill in on every page

Hole No.	Page No.
DC-1	1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Rick Yost Diamond Drilling		N 360°	150 feet	Collar 45°	525 Feet South and 225 Feet East of the Number 4 Post	G-639	L-1047[illegible]92

Date Hole Started	Date Completed	Date Logged	Logged by	Location (Twp., Lot, Con. or Lat. and Long.)
January 8, 1990	January 10, 1990	Jan. 15/90	Ron Crichton	Lebel Township

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Property Name
Ron Crichton	Jan. 19/90	Ron Crichton	Dane Copper Mine

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
										Au		Cu
0	10	Casing	OVERBURDEN									
10	27	Intermediate Volcanic	BASALT-NO ALTERATION									
27	150	Sedimentary Sequence	WELL DEFINED INTERBEDDED SEDIMENTS-QUITE CHERTY THROUGHOUT-DEFINED BEDDING-CONSIDERABLE PYRITE THROUGHOUT, GRAPHITIC AT 46 TO 47-SILICEOUS ZONE WITH A LITTLE CHALCOPYRITE FROM 71 TO 74 -REDDISH SANDSTONE FROM 88 TO 92.			638	71	74	3	.002		0.20%
						639	74	78	4	NIL		
						640	88	92	4	.002	NIL	
						641	107	112	5	NIL		

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
MAR 16 1990
RECEIVED

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

Ontario Ministry of Natural Resources

Diamond Drilling Log

Fill in on every page

Hole No. DC-2 | Page No. 1

Drilling Company: Rick Yost Diamond Drilling	Collar Elevation:	Bearing of hole from true North: N 360°	Total Footage: 150 feet	Dip of Hole at: Collar 45°	Location of hole in relation to a fixed point on the claim: 525 Feet South And 400 Feet East of the Number Number 4 Post
Date Hole Started: January 10, 1990 / Date Completed: January 12, 1990	Date Logged: Jan. 15/90	Logged by: Ron Crichton		Ft. °	Map Reference No.: G-639 / Claim No.: L-1047792
Exploration Co., Owner or Optionee: Ron Crichton	Date Submitted: Jan. 19/90	Submitted by (Signature): Ron Crichton		Ft. °	Location (Twp., Lot, Con. or Lat. and Lo: Lebel Township
				Ft. °	Property Name: Dane Copper Mine
				Ft. °	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	12	CASING	OVERBURDEN							
12	150	SEDIMENTARY SEQUENCE	WELL DEFINED INTERBEDDED SEDIMENTS-MOSTLY CARBONACEOUS MUDSTONES-CONSIDERABLE EPIDOTE ALTERATION THROUGHOUT-8 INCH QUARTZ VEIN AT 57 - SILICEOUS FROM 78 TO 80-QUARTZ VEIN WITH CHALCOPYRITE FROM 92 TO 93.5 - A LITTLE MAGNETITE AT 97.5.							Cu%
						642	92	93.5	1.5	1.14

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
MAR 16 1990
RECEIVED

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. DC-3 | Page No. 1

Drilling Company: Rick Yost Diamond Drilling	Collar Elevation	Bearing of hole from true North: N 90°	Total Footage: 150 feet	Dip of Hole at: Collar 45°	Location of hole in relation to a fixed point on the claim: 575 Feet South And 150 Feet West of the Number 1 Post
Date Hole Started: January 12, 1990 / Date Completed: January 14, 1990	Date Logged: Jan. 15/90	Logged by: Ron Crichton		Ft. ° / Ft. ° / Ft. ° / Ft. °	
Exploration Co., Owner or Optionee: Ron Crichton	Date Submitted: Jan. 19/90	Submitted by (Signature): Ron Crichton			

Map Reference No.: G-639
Claim No.: L-1047792
Location (Twp., Lot, Con. or Lat. and Long.): Lebel Township
Property Name: Dane Copper Mine

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	4	CASING	OVERBURDEN							
4	150	SEDIMENTARY SEQUENCE	MOSTLY FINE GRAINED CARBONACEOUS MUDSTONES DOWN TO 67 - BANDED MAGNETITE IRON FORMATION DOWN TO 97 - CONSIDERABLE EPIDOTE ALTERATION FROM 100 TO 150 - SOME PYRRHOTITE IN MORE SILICEOUS SECITONS							

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
MAR 16 1990
RECEIVED

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE _____

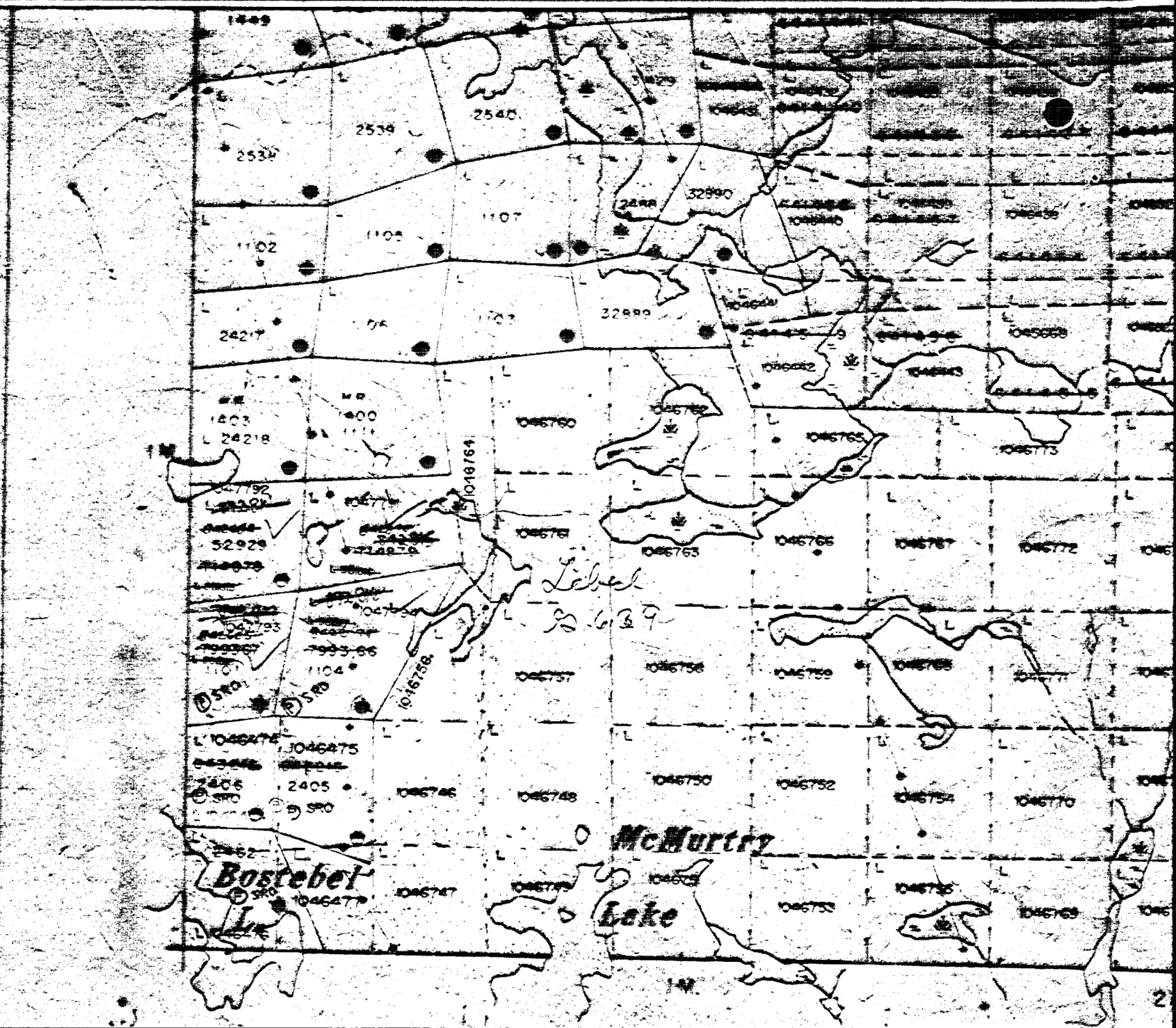
_____ MANAGEMENT UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS.

THE MNR UNIT FORESTER FOR THIS AREA CAN BE

CONTACTED AT P.O. BOX 129

_____ ONTARIO.



A.L.

Ministry of Northern Development and Mines

Ontario

DOCUMENT No. W9008.0056

42A01NE0077 49 LEBEL

900

requirements and the reverse side of this form for [illegible]

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
RON CRICHTON	K18365
65 TWEEDSMUIR ROAD KIRKLAND LAKE ONT.	Telephone No. 567-4487

Summary of Distribution of Credits and Work Performance

Mining Division: LARDER LAKE

Township or Area: LEBEL TOWNSHIP

Total Assessment Credits Claimed: 450 DAYS

Type of Work Performed (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work
- ☐ Mechanical equipment
- ☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim)
- ☒ Diamond or other Core drilling
- ☐ Core Specimens

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
L	1047791	100						
L	1047792	150						
L	1047793	100						
L	1047794	100						

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: JAN. 8/90 To: JAN. 14/90	450 DAYS	450 DAYS	

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	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
L 1047792	450										

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

THREE 150' DIAMOND DRILL HOLES @ 45° — BQ CORE
DRILLED BY RICK YOST DIAMOND DRILLING
P.O. BOX 1176
KIRKLAND LAKE ONT.

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
MAR 16 1990
RECEIVED

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	Recorded Holder or Agent (Signature)
	FEB. 12/90	Carl P. Forbes

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	Telephone No.	Date	Certified By (Signature)
CARL P. FORBES 70 McCAMUS AVE KIRKLAND LAKE ONT. P2N 2J9	567-5145	FEB. 12/90	Carl P. Forbes

For Office Use Only

Work Assignments
L1047792
Ron Crichton 300 3700

90 FEB 12 PM 1 58

Received Stamp
LARDER LAKE MINING DIVISION
RECEIVED
FEB 12 1990