

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT

NO. 5388 MAP

5388

ASSESSMENT REPORT

on

PLACER LEASES 7417 & 7418

by

JOHN M. Mc ANDREW, P. ENG.

93A/11W & 12E

LOCATION: Grogan Creek southeast of Likely.  
The Initial Posts are located  
approximately 12,100 feet southeast  
of the mouth of Grogan Creek and  
approximately 1,500 feet northeast  
of Cedar Creek. The said Initial  
Posts are located approximately  
700 feet from the left bank of  
Grogan Creek  
In Cariboo Mining Division  
M.T.S. 93A11W & 93A12E  
Latitude 52° 30'  
Longitude 121° 25'

Lessees: 7417  
John M. Mc Andrew, Prospector-Geologist  
7418  
Marie-Paule F. Mc Andrew, Prospector-Housewife

DATE of WORK: October 2 - November 5, 1974

February 13, 1975

Feb 13, 1975

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#1 Location Map of Placer Leases	2
Canadian Longyear Limited Statement of Drilling Costs	3-8
 In Back Pocket of Report:	
#2 Location Map of Drill Holes and Placer Leases	

WESTERVELT ENGINEERING LTD.

#904 - 1112 WEST PENDER STREET.

VANCOUVER, B.C. V6E 2S1.

16 January 1975.

To: John M. McAndrew.  
 From: R. D. Westervelt.  
 Subject: Cedar Creek Placer Mining Leases

During the period October 2nd - November 5th, 1974, four diamond drill holes were completed on the Cedar Creek group. These were drilled to test geophysical anomalies coinciding with bedrock channels indicated by earlier placer drilling as having some possible placer gold potential.

Although one of these holes was drilled outside the placer leases the three remaining holes were located, as shown on the attached plan, within your existing two placer mining leases (leases outlined in red).

<u>Hole No.</u>	<u>Station</u>	<u>Az.</u>	<u>Dip</u>	<u>Overburden</u>	<u>Apparent vertical depth of overburden</u>
1	56NW/10.5NE	045°	-45°	65'	46'
3	56NW/0.5NE	045°	-45°	37'	26'
4	60NW/ONE	045°	-45°	30'	21'

As none of the drill costs have yet been applied for assessment credit, it is conceivable that some portion of the overburden drilling expenditures might be applicable for assessment purposes on the placer mining leases. Although no grade data has been obtained, the depth of gravels along these channels remains critical and additional information on the depths has been obtained from the current drilling.

From the attached invoices, the direct overburden drilling costs (without allowance for mobilization and moving between holes) are as follows:

Hole 1	50' @ \$13.00	\$650.00
	15' at hourly rate	236.46
Hole 3	37' @ \$15.40	569.80
Hole 4	30' @ \$15.40	<u>462.00</u>
	Total	\$1918.26

Present assessment regulations on placer leases require an expenditure of \$250.00 per year. On this basis, the two leases would require \$1000.00 in expenditures to obtain credit for two years assessment.

Yours very truly,

WESTERVELT ENGINEERING LTD.

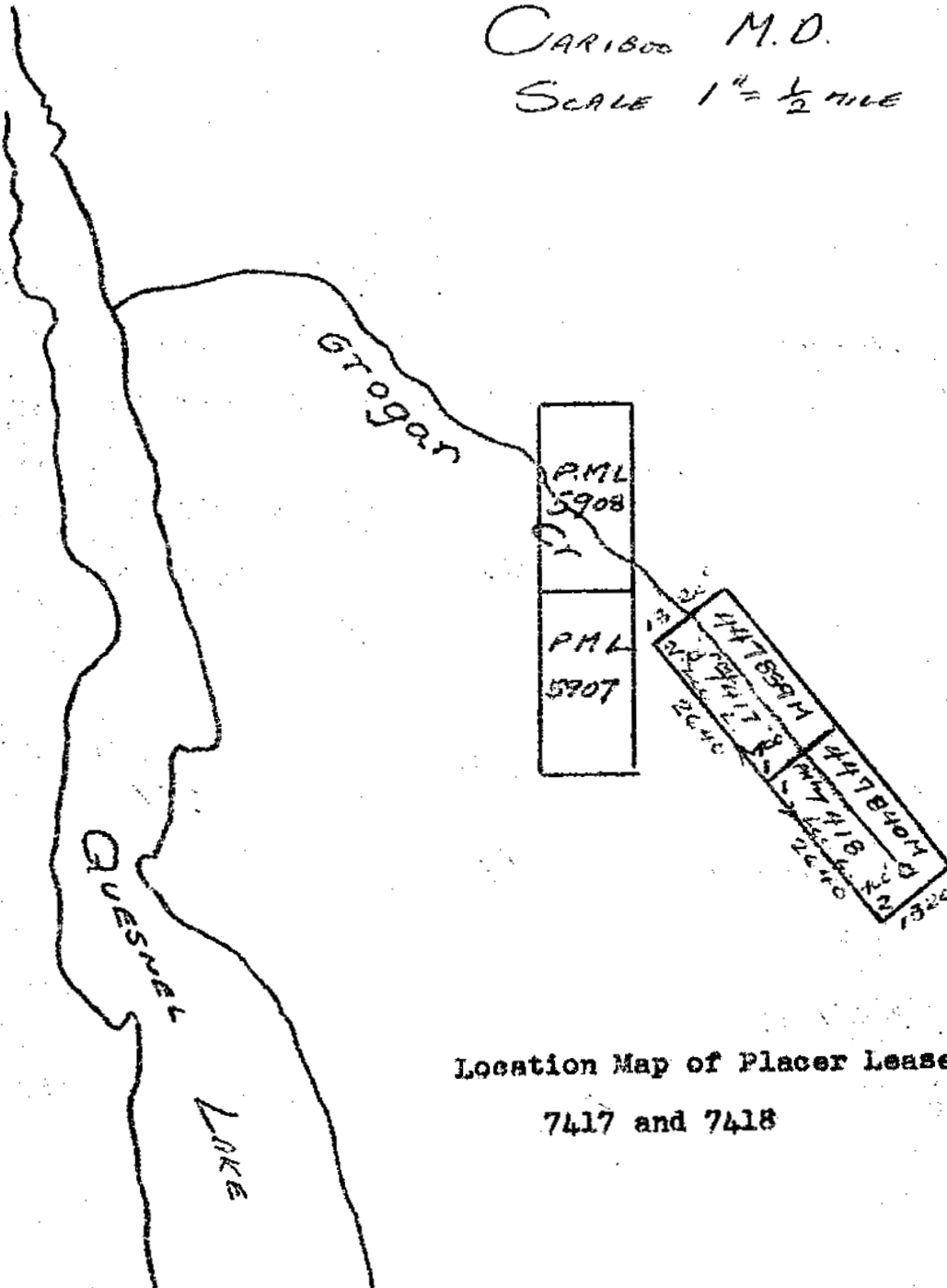
*R. D. Westervelt, P. Eng.*  
 R. D. Westervelt.

RDW/td

likely



CARIBOO M.D.  
 SCALE 1" = 1/2 MILE



Location Map of Placer Leases  
 7417 and 7418

Mineral Resources	
REPORT	
NO. 5388	# 93A12E

5388  
 MAP 1

93A11W



# CANADIAN LONGYEAR LIMITED

NORTH BAY, ONTARIO

P. O. BOX 330

TELEPHONE 474-2800

DATE 12/10/74

Union Carbide Canada Mining Ltd.,  
601-1112 West Pender St.,  
VANCOUVER, B.C.

TERMS: NET 30 DAYS

1% PER MONTH INTEREST CHARGED ON OVERDUE ACCOUNTS

DATE	REFERENCE	CHARGES	CREDITS	BALANCE
			BALANCE FWD.	35,731.59
NOV 30 PA	9,397	33258		36,064.17
NOV 20 CSH	3,603		17,253.96	18,810.21
NOV 25 CSH	3,604		18,477.63	332.58

Date To Be Paid By	Account No. (s)	Amounts
	491 610 527 66	332 58
Audited By		
Purchase Order Number	Date Goods Received	
	23.12.74	
First Approval		
Second Approval		



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors  
 NORTH BAY, ONTARIO, CANADA  
 P.O. BOX 330 — CABLE LONGYEAR  
 POSTAL CODE P1B 8H6

TELEPHONE 474-2800  
 TELEX 027-76194

Union Carbide (Canada) Mining Ltd.  
 601 - 1112 West Pender Street,  
 Vancouver, 1, British Columbia.

Union Carbide Likely  
 Invoice No. 9275  
 Invoice date: Nov. 11, 1974  
 for October, 1974

*terms net 30 days — interest charged at 1% per month on overdue accounts*

To: Invoice for diamond drilling performed on mining properties located near Quesnel Lake, British Columbia, during period October 2-15, 1974 per agreement dated September 19, 1974 and Addendum #1 dated October 21, 1974

Hole No.	Size	From	To	Total	Rate	Amount
74-1	Overburden	0	50	50	13.00	650.00
74-1	Overburden	50	65	15	Hourly rate -	
74-1	BQ Wireline	65	471	406	13.00	5,278.00
74-2	Overburden	0	50	50	14.70	735.00
74-2	Overburden	50	64	14	Hourly rate -	
74-2	NQ Wireline	64	352	288	14.70	4,233.60
				823		10,896.60

OVERBURDEN

Hole #74-1

3 hours	@ \$45.50	136.50
1 BW Econo Shoe #2830	89.25	
Plus 12%	10.71	
		<u>99.96</u>
		236.46

Hole #74-2

4 hours	@ \$45.50	182.00
(2) man hours	@ \$11.15	(22.30) cr.
1 NW Econo Shoe #E.1769	116.55	
Plus 12%	13.99	
		<u>130.54</u>
		290.24

526.70

Date To Be Paid By	Account No. (-)	Amounts
	491 010 527 66	17,253.96
Audited By		
Purchase Order No.	Goods Received	
	Nov. 1974	



## CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors

NORTH BAY, ONTARIO, CANADA

TELEPHONE 474-2800

P.O. BOX 330 — CABLE LONGYEAR

TELEX 027-76194

POSTAL CODE P1B 8H6

Union Carbide (Canada) Mining Limited  
601 - 1112 West Pender Street,  
Vancouver, 1, British Columbia.

Union Carbide Likely  
Invoice No. 9275  
Invoice date: November 11, 1974  
for October, 1974

- 2 -

*terms net 30 days — interest charged at 1% per month on overdue accounts*REAMING CAVEHole #74-1

2 hours	@ \$45.50	91.00	
Diamond Articles (see later invoice)		-	
			91.00

MOVE IN

16 hours	@ \$45.50	728.00	
14 extra crew hours	@ \$11.15	156.10	
Tractor Rental (see later invoice)		-	
			884.10

MOVES BETWEEN:Hole #74-1 to #74-2

27 hours	@ \$45.50	1,228.50	
8 extra crew hours	@ \$11.15	89.20	
Tractor Rental (see later invoice)		-	
			1,317.70

MOBILIZATION

Lump Sum	75% x \$2,650.00		1,987.50
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TRANSPORTING NQ EQUIPMENT (Vancouver to Job site)

Lump Sum			715.00
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MUD OPERATIONS

Thiessen Equipment	(attached)	318.68	
West Coast Cartage Limited	(attached)	12.00	
		330.68	
Plus 12%		39.68	
			370.36

CORE BOXES

100 NQ Core Boxes	@ \$4.65	465.00	
Shipping charges	(see later invoice)	-	
			465.00

\$17,253.96  
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## CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors  
 NORTH BAY, ONTARIO, CANADA  
 P.O. BOX 330 — CABLE LONGYEAR

TELEPHONE 474-2800  
 TELEX 027-76194

POSTAL CODE P1B 8H6

Union Carbide (Canada) Mining Ltd.,  
 601 - 1112 West Pender St. W.,  
 Vancouver 1, British Columbia.

Union Carbide Likely  
 #9276

Invoice Date: Nov. 14, 1974  
 for October 1974

*terms net 30 days — interest charged at 1% per month on overdue accounts*

To: Invoice for diamond drilling performed on mining properties located near Quesnel Lake, British Columbia, during period October 16 - November 5, 1974 per agreement dated September 19, 1974, addendum #1, dated October 21, 1974 and addendum #2, dated October 30, 1974

<u>Hole No.</u>	<u>Size</u>	<u>From</u>	<u>To</u>	<u>Total</u>	<u>Rate</u>	<u>Amount</u>
74-2	NQ Wireline	352	422	70	15.40	1,078.00
74-3	NQ Wireline	∅	421	421	15.40	6,483.40
74-4	NQ Wireline	∅	380	380	15.40	5,852.00
				871		13,413.40
<u>Reaming Cave</u>						
<u>Hole #74-1</u>						
Diamond Articles (see later invoice)						
<u>Reaming Casing</u>						
<u>Hole #74-4</u>						
	2 hours @ 49.30			98.60		
	1 NW Econo Shoe #1765		116.55			
		Plus 12%	13.99			
				130.54		
						229.14
<u>Waterline Maintenance</u>						
<u>Hole #74-4</u>						
	3 hours @ 49.30					147.90
<u>Tractor Rental</u>						
See later invoice						
<u>Demobilization</u>						
	Lump Sum 25% x 2,650.00					662.50





CANADIAN LONGYEAR LIMITED

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 NORTH BAY, ONTARIO, CANADA  
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TELEPHONE 474-2800  
 TELEX 027-76194

Union Carbide (Canada) Mining Ltd.,  
 601 - 1112 West Pender St. W.,  
 Vancouver 1, British Columbia.

Union Carbide Likely  
 #9276  
 Invoice Date: Nov. 14, 1974  
 for October 1974

terms net 30 days — interest charged at 1% per month on overdue accounts

-2-

Moves Between

Hole #74-2 to #74-3

16 hours @ 49.30

10 extra crew hours @ 13.05

788.80

130.50

919.30

Hole #74-3 to #74-4

19 hours @ 49.30

936.70

1,856.00

Move Out

35 hours @ 49.30

1,725.50

Core Boxes

50 NQ core boxes @ 4.65

232.50

Shipping Charges re above (see later invoice)

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West Coast Cartage (attached) re inv. #9108

15.65

West Coast Cartage (attached) re inv. #9275

4.20

Public Freightways (attached) re inv. #9275

10.40

262.75

Mud Operations

Thiessen Equipment (attached)

145.16

West Coast Cartage (attached)

15.95

161.11

Plus 12%

19.33

180.44

18,477.63

*Pd. 19.11.74.  
J.W.*

INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors  
 NORTH BAY, ONTARIO, CANADA  
 P.O. BOX 330 — CABLE LONGYEAR

TELEPHONE 474-2800  
 TELEX 027-76194

POSTAL CODE P1B 8H8

Union Carbide (Canada) Mining Ltd.  
 601 - 1112 West Pender Street,  
 Vancouver, British Columbia

Union Carbide Likely  
 Invoice No. 9397  
 Invoice date: December 12, 1974  
 for November, 1974

*terms net 30 days — interest charged at 1% per month on overdue accounts*

To: Invoice in connection with diamond drilling programme on mining properties located near Quesnel Lake, British Columbia, per agreement dated September 19, 1974

REAMING CAVE

Hole #74-1

1 BQ Econo Reaming Shell #2017	115.50
1 BQ Wireline Bit #K.29611	248.06
Setting charge	47.57
Diamond Recovery	(114.18)
	<hr/>
	296.95
Plus 12%	35.63
	<hr/>

332.58

TRACTOR RENTAL

(See later invoice)

-

CORE BOXES

Transportation charges (see later invoice)

-

MUD OPERATIONS

Public Freightways (see later invoice)

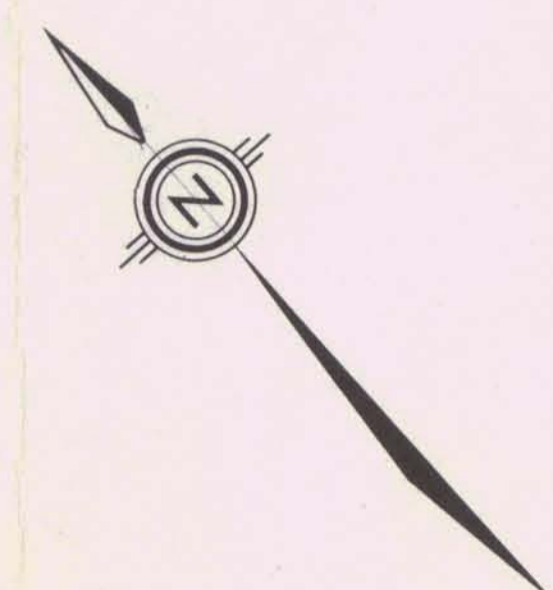
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\$332.58


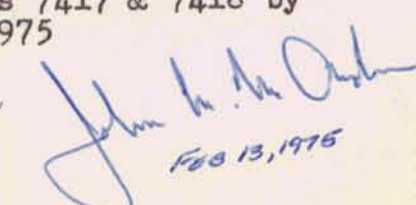
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*Pi.  
16.12.74*



Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 5388 MAP #2

Placer Leases Numbered and Outlined in Red **5388**  
**MAP 2**

UNION CARBIDE EXPLORATION CO
CEDAR CLAIM GROUP
CLAIM MAP SHOWING 1974 GRID also DRILL HOLES and PLACER LEASES 7417 and 7418
To Accompany: Assessment Report on Placer Leases 7417 & 7418 by John M. McAndrew, P. Eng., Dated Feb. 13, 1975
 
DATE: February 13, 1975 <span style="float: right;">Figure 1</span>