

091222

CHAMP # / DD-144

Ch. No. 66700

105-K-346

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

August 15, 1976

INVOICE #1886



IN ACCOUNT WITH:

Canadian Natural Resources Ltd.,
530 - 701 West Georgia Street,
Vancouver, B.C.

Drilling charges for the period August 1 - 7, 1976

Hole: #76-4 x 90° x BQ

Moving

80 man hours @ \$14.00 per hour =	\$1,120.00	
16 tractor hours @ \$15.00 per hour =	240.00	\$1,360.00

Overburden

0 - 46 = 46 feet @ \$14.50 per foot =		\$ 667.00
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Core Drilling

46 - 500 = 454 feet @ \$14.50 per foot =	\$6,583.00	
500 - 678 = 178 ft. @ \$15.00 per foot =	2,670.00	\$9,253.00

Using Mud

23 bags of Mud @ \$10.00 per bag. =	\$ 230.00	
14 bags of Quik Trol @ \$7.37 per bag =	103.18	
23 man hours @ \$14.00 per hour =	322.00	
11 machine hours @ \$8.00 per hour =	88.00	\$ 743.18
		<u>\$12,023.18</u>

Demobilization

Re: clause 15 of contract - 1/2 x \$2,000.00 =		\$1,000.00
<u>Moving</u> - out of last hole		
29 man hours @ \$14.00 per hour =	406.00	\$ 1,406.00
		<u>\$ 1,406.00</u>

TOTAL INVOICE

\$13,429.18

PAID
 Cheque No. 340... Date Sept 30/76

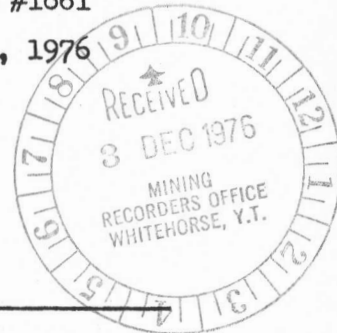


ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1861

June 30, 1976



IN ACCOUNT WITH:

Canadian Natural Resources Ltd.,
609 - 789 West Pender Street,
Vancouver, B.C.
V6C 1H7

Drilling charges for the period June 15 - 28, 1976

Mobilization

Re: clause 15 of contract - 1/2 x \$2,000.00 = \$1,000.00

Moving in & Setting upon first hole

100 man hours @ \$14.00 per hour = \$1,400.00

11 hours bulldozer time @ \$15.00 = 165.00 1,565.00 \$2,565.00

Hole: #129 x 90° x BQ

Overburden

0 - 50 = 50 ft. @ \$14.50 per foot = \$ 725.00

50 - 311 feet @ field cost

204 man hours @ \$14.00 per hour = \$2,856.00

102 machine hrs. @ \$8.00 per hr. = 816.00 \$3,672.00

Materials Used

2 only tricones @ \$79.50 each = \$ 159.00

4 BW casing shoes (#435, 442, 443,
and 449)

@ \$137.55 each = 550.20

2 BQ bits #178 & 180 @ 309.49 ea. = 618.98

1 NQ shell #959 270.98

1 NQ bit #7645 431.96

\$2,031.12

Plus 10%

203.11 \$2,234.23

Core Drilling

311 - 500 = 189 ft. @ \$14.50 = \$2,740.50

500 - 501 = 1 ft. @ \$15.00 = 15.00 \$2,755.50

Testing

Two tests @ \$30.00 per test = \$ 60.00

Mud Used (clause 12 (d))

49 bags Mud @ \$10.00 per bag = \$ 490.00

49 man hours @ \$14.00 per hour = 686.00

24 machine hours @ \$8.00 per hr. = 192.00 \$1,368.00

*Vangorda & Co.
Paid Aug 31/76
Chq # 251*

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Invoice #1861 - Canadian Natural Resources Ltd. - Cont'd



Materials Left in Hole

7 only 2' lengths N.W. casing			
@ \$18.75 each =	\$131.25		
1 only casing shoe #J4ZW407 =	179.20		
	<u>\$310.45</u>		
Plus 10%	31.04	\$ 341.49	\$11,156.22

Hole: #128 x 90° x BQ

Moving

58 man hours @ \$14.00 per hour =	\$812.00		
24 bulldozer hours @ \$15.00 ea. =	360.00	\$1,172.00	

Overburden

0 - 50 = 50 feet @ \$14.50 per ft. =	\$725.00		
50 - 240 = 190 ft. @ 14.50 per ft. =	2,755.00	\$3,480.00	

Mud Used (clause 12 (d))

14 bags Mud @ \$10.00 per bag	\$140.00		
14 man hours @ \$14.00 per hr. =	196.00		
7 machine hours @ \$8.00 per =	56.00	\$ 392.00	

Materials Lost In Hole

1 only Tricone	\$ 79.50		
1 only 10' length BW casing =	54.00		
1 only Adaptor	51.00		
	<u>\$184.50</u>		
Plus 10%	18.45	\$ 202.95	\$5,246.95

TOTAL INVOICE

\$18,968.17

10,421.00

29,389.17

LOGGED BY BT

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
142	148	BLACK QU-CARPHITIC PHYLLITE. Slightly more qu-veins than above units. Bleb of po in qu-vein at 143'. CA: 145 ± FE = 70 app. dip.															
148	188	GREEN-WHITE STRIPED CC-CH-ITALC SCHIST. Meta-volc greenstone unit F ₁ plus at 158, 160. CA: 150 = GZ; 160 = F ₁ , 46, F ₂ 28 s. dip; 170 = F ₁ , 45, F ₂ 75 same dip; 180 = F ₁ , 55, F ₂ 30 s. dip.															
188	321	BLACK STRIPED QU-CARPHITIC PHYLLITE. Thin qu-laminar alternate with black diaphanitic laminae. This part of section more quartzose; F ₁ plus at 200-212', 231-240'. F ₂ plus dominant in rest of section. Rocks below, ganged, poker-chips at 221.5-226' - gänge 241-47 - Poker-chip															
			1	-	221.5	22.6	4.5										
			5	-	253	263	10										
			10	-	263	281	18										
			5	-	284	294	10										
			16	-	302	321	19										

Poker chip

Gänge and chips

