

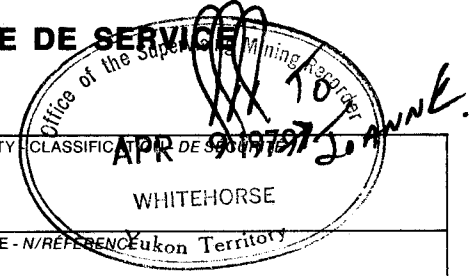


Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE



CONFIDENTIAL

TO  
À

Supervising Mining Recorder

FROM  
DE

Mining Recorder, WHITEHORSE

SECURITY CLASSIFICATION / CLASSIFICATION DE SÉCURITÉ	APR 9 1979
WHITEHORSE	
OUR FILE - N/REFERENCE / Yukon Territory	
340-17-6	
YOUR FILE - V/RÉFÉRENCE	
DATE	
6 April 1979	

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs submitted in support of assessment work.

105-C-13 Amoco Canada Petroleum Co. Ltd. - Mining Division GUB 44

Certificates of Work and other supporting data will be forwarded when completed.

B.E. Sias  
Mining Recorder  
Whitehorse Mining District

cc: Geology Section  
ATTENTION: M. Marchand

001108



MEMORANDUM

NOTE DE SERVICE

CONFIDENTIAL

TO / À: Supervising Mining Recorder

FROM / DE: Mining Recorder - Whitehorse

SECURITY - CLASSIFICATION - DE SÉCURITÉ
OUR FILE - N/RÉFÉRENCE 340-17-6
YOUR FILE - V/RÉFÉRENCE
DATE 28 September 1978

SUBJECT / OBJET: Herewith your copy of Diamond Drill Logs submitted in support of assessment work.

- 105-C-13 Amoco Canada Petroleum Company Limited BUG 3
- 105-K-6 Cyprus Anvil Mining Corporation AM 2 ✓

Certificates of Work and other supporting data will be forwarded when completed.

c.c. Geology Section  
ATTN: M. Marchand

*[Handwritten signature]*  
B.E. Sias

*[Handwritten initials]*  
Office of The Supervising Mining Recorder  
SEP 29 1978  
WHITEHORSE  
Yukon Territory



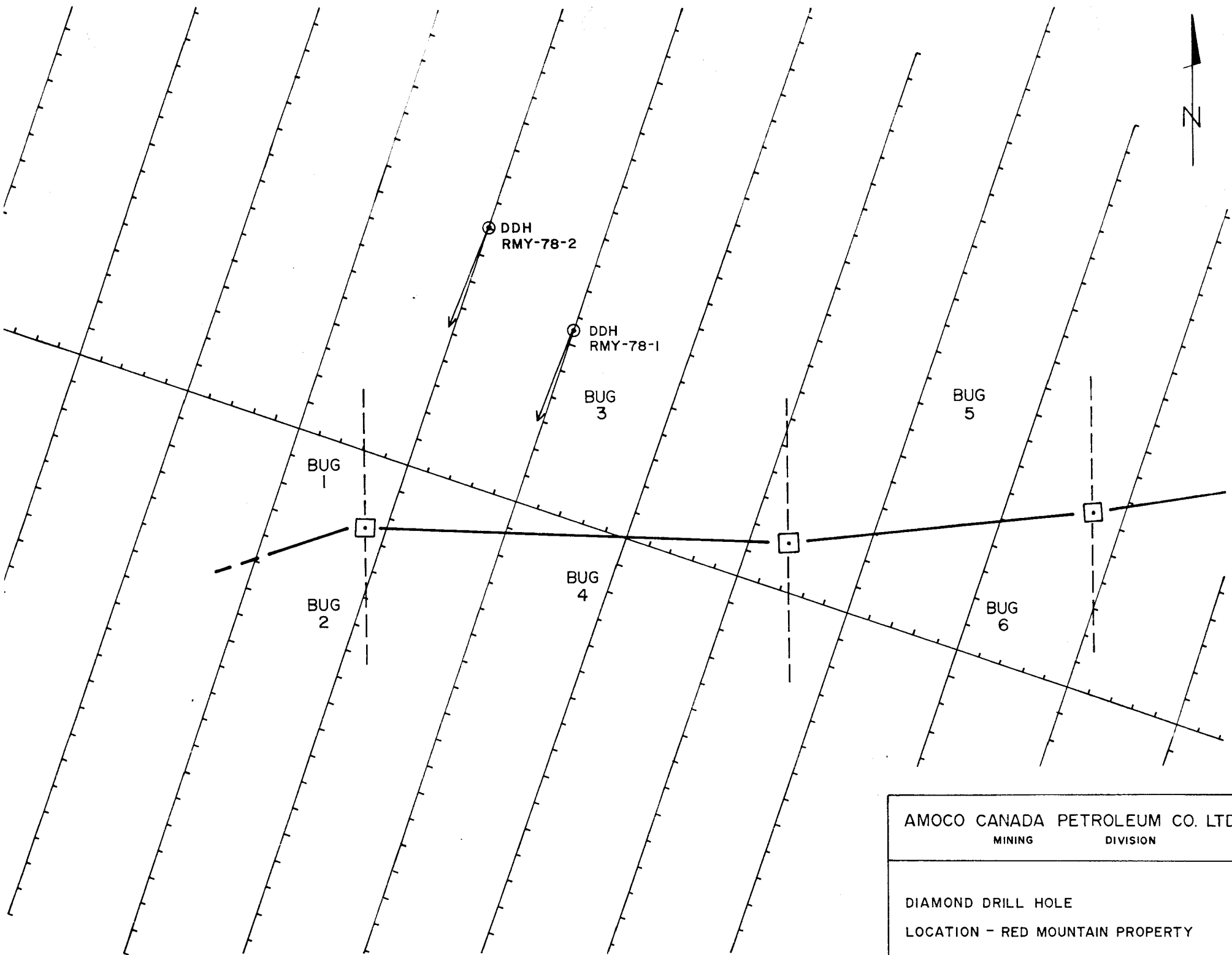
**Amoco Canada Petroleum Company Ltd.  
Mining Division**

Suite 656  
409 Granville Street  
Vancouver, B.C. V6C 1T2  
604-669-7850

CERTIFICATE

1. I am a Geologist with business address at:  
#656 - 409 Granville  
Vancouver, B.C.  
V6C 1T2
2. I graduated from the University of Calgary with a B.Sc. in  
Geology in 1975. I have practiced my profession continuously  
since 1975, in the employ of Amoco Canada Petroleum Co. Ltd.
3. I have acted as Geologist on the property while it was drilled  
by Amoco Canada Petroleum Company Ltd. in 1978.
4. I have no interest in the BUG and GUB claims nor do I expect  
to receive or acquire any.

A handwritten signature in cursive script, which appears to read "John Doreen", is written over a horizontal line.



DDH  
RMY-78-2

DDH  
RMY-78-1

BUG  
1

BUG  
3

BUG  
5

BUG  
2

BUG  
4

BUG  
6

AMOCO CANADA PETROLEUM CO. LTD.  
MINING DIVISION

DIAMOND DRILL HOLE  
LOCATION - RED MOUNTAIN PROPERTY  
SCALE - 1cm. = 50m.

# E. Caron Diamond Drilling Limited

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

## CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:  
XXXXX 225 HOWE STREET X  
VANCOUVER, B.C. V6C 2A9  
PHONE 687-4634

April 14, 1978

Invoice #-355

### IN ACCOUNT WITH:

Amoco Canada Petroleum Company Ltd.,  
656 - 409 Granville Street,  
Vancouver, B. C.  
V6C 1T2



Mobilization of Equipment April 11 to 13, 1978:

(Red Mountain Project)

### Moving

42.5 man hrs.	@ \$14.50 per hr.	=	\$ 616.25	
<u>Truck Time</u>				
3 machine hrs.	@ \$35.00 per hr.	=	\$ 105.00	\$ 721.25

### Supplies

100 bags of mud	@ \$10.75 per bag	=	\$1,075.00	
50 bags of Quik Seal	@ \$7.75 per bag	=	\$ 387.50	
1 bag Fondu cement	@ \$27.50 per bag	=	\$ 27.50	\$1,490.00

### Propane

Canadian Propane # 946174				
4 100 lb. bottles	@ \$17.00 each	=	\$ 68.00	
	+ 10%	=	\$ 6.80	\$ 74.80

### Core Boxes

120 BQ Core Boxes	@ \$6.00 each	=	\$ 720.00	
50 lids	@ \$1.50 each	=	\$ 75.00	\$ 795.00

### Groceries for Cat Haul

Super Valu		=	\$ 127.15	
	+ 10%	=	\$ 12.72	\$ 139.87

### Mobilization of Drill & Cat

from Whitehorse to Mile 29 Canol Road,		=		\$ 750.00
--	--	---	--	-----------

Total Invoice \$3,970.92

# E. Caron Diamond Drilling Limited

## CONTRACT DIAMOND DRILLING

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

VANCOUVER OFFICE:  
X 115-425 HOWE STREET X  
VANCOUVER, B.C. V6C-2A9  
PHONE 687-4634

April 24, 1978

Invoice #361

IN ACCOUNT WITH:

Amoco Canada Petroleum Company Ltd.,  
550 - 409 Granville Street,  
Vancouver, B. C.  
V6C 1T2



Mobilization of Drill and Tractor April 16 to 22, 1978: (Red Mountain Project)

Tractor Hours

35 machine hrs.	@ \$30.50 per hr.	=	\$1,072.50	
180 man hrs.	@ \$14.50 per hr.	=	\$2,610.00	\$5,202.50

Expenses

Super Valu Invoice # 102755		=	\$ 69.50	
<u>Fuel Consumed (from stock)</u>				
7 45 gal drums	@ \$1.00 per gal	=	\$ 70.00	
75 gal. on drill	@ \$1.00 per gal	=	\$ 75.00	
5 drums	@ \$12.00 per drum	=	\$ 60.00	
			\$ 437.50	
	+ 10%	=	\$ 437.50	\$ 530.00

Total Invoice \$5,738.55

# E. Caron Diamond Drilling Limited

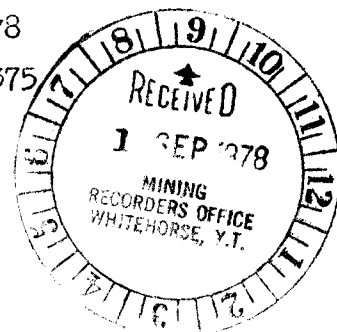
HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:  
~~XXXX-445 HOWE STREET X~~  
~~VANCOUVER, B.C. V6C 2A8~~  
PHONE 687-4634

May 31, 1978

Invoice #-375



IN ACCOUNT WITH:

Amoco Canada Petroleum Company Ltd.,  
656 - 409 Granville Street,  
Vancouver, B. C.  
V6C 1T2

Mobilization Charges May 25 to 28, 1978

(Red Mountain Project)

Travelling

4 man hrs.

@ \$14.50 per hr.

= \$ 58.00

Tractor Time

80 man hrs.

@ \$14.50 per hr,

= \$1,160.00

40 machine hrs.

@ \$30.50 per hr.

= \$1,220.00 \$2,380.00

Groceries

Super Valu

= \$ 4.49

+ 10%

= \$ 0.45

\$ 4.94

Woolworth

1 Broom

= \$ 4.37

\$2,447.31

Total Invoice

\$2,447.31

# E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337



July 31, 1978  
Invoice #-414

IN ACCOUNT WITH:

Amoco Canada Petr leum Company Ltd.,  
656 - 409 Granville Street,  
Vancouver, B. C.  
V6C 1T2

Drilling Charges July 12 to 31, 1978:

(Red Mountain Project)

Hole: #1/45°/BQ

Moving

228 man hrs. @ \$14.50 per hr. = \$3,306.00

Waterline

72 man hrs. @ \$14.50 per hr. = \$1,044.00  
36 machine hrs. @ \$10.00 per hr. = \$360.00

Testing

10 man hrs. @ \$14.50 per hr. = \$145.00  
5 machine hrs. @ \$10.00 per hr. = \$50.00

Travelling

4 man hrs. @ \$14.50 per hr. = \$58.00

Tractor Time

26 machine hrs. @ \$45.00 per hr. = \$1,170.00  
5½ man hrs. @ \$14.50 per hr. = \$79.75

Casing

0 - 10 = 10 ft. @ \$17.50 per ft. = \$175.00  
10 - 40 = 30 ft. @ \$16.50 per ft. = \$495.00

Coring

37 - 500 = 463 ft. @ \$15.50 per ft. = \$7,176.50  
500 - 1000 = 500 ft. @ \$16.25 per ft. = \$8,125.00  
1000 - 1109 = 109 ft. @ \$18.25 per ft. = \$1,989.25

\$17,290.75      \$24,173.50

Hole: #2/45°/BQ

Moving

83 man hrs. @ \$14.50 per hr. = \$1,203.50

Tractor Time

14 machine hrs. @ \$45.00 per hr. = \$630.00  
1 man hrs. @ \$14.50 per hr. = \$14.50

Casing

0 - 30 = 30 ft. @ \$16.50 per ft. = \$495.00

Coring

30 - 336 = 306 ft. @ \$15.50 per ft. = \$4,743.00

\$7,086.00

# E. Caron Diamond Drilling Limited

## CONTRACT DIAMOND DRILLING

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

VANCOUVER OFFICE:  
~~1013-321 HOWE STREET~~  
~~VANCOUVER B.C. V6C 2A9~~  
PHONE 687-4634

Materials Left in Hole #-1

40 ft. BW casing	@ \$63.00/10' length	= \$ 252.00		
1 BW shoe	@ \$155.50	\$ 155.50	\$ 407.50	
	+ 10%		<u>\$ 40.75</u>	\$ 448.25

Groceries

Super Valu Invoice # 0117113		\$ 176.77		
	--	\$ 2.38		
# 8998		\$ 15.45		
# 10287		\$ 283.77		
# 0102112		\$ 1,464.17		
# 0117384		\$ 7.80		
# 0102138		\$ 488.30		
# 0113158		\$ 344.40		
# 09528		\$ 44.40		
# 09529		\$ 32.10		
# 10898		<u>\$ 52.34</u>	\$ 2,911.88	
	10%		<u>\$ 291.19</u>	\$ 3,203.07

Freight

Yukon Airways Invoice #-2347				\$ 105.00
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Supplies

Northern Metallic Invoice # 32232			\$ 30.86	
	+ 10%		<u>\$ 3.08</u>	\$ 33.94

Total Invoice			<u>\$35,049.76</u>	
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# E. Caron Diamond Drilling Limited

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

## CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:  
XXXX-3-423 HOWE STREET X  
VANCOUVER, B.C. V6C 2A8  
PHONE 687-4634



August 15, 1978  
Invoice #-425

IN ACCOUNT WITH:

Amoco Canada Petroleum Company Ltd.,  
656 - 409 Granville Street,  
Vancouver, B. C.  
V6C 1T2

Drilling Charges August 1 to 15, 1978 (Red Mountain Project)

Hole: #-2/45°/BQ

Moving Stuck Rods

95 man hrs. @ \$14.50 per hr. = \$1,377.50  
47½ machine hrs. @ \$10.00 per hr. = \$ 475.00 \$ 1,852.50

Reaming Cave

11 man hrs. @ \$14.50 per hr. = \$ 159.50  
5½ machine hrs. @ \$10.00 per hr. = \$ 55.00 \$ 214.50

Mud Time

6 man hrs. @ \$14.50 per hr. = \$ 87.00  
3 machine hrs. @ \$10.00 per hr. = \$ 30.00 \$ 117.00

Testing

11 man hrs. @ \$14.50 per hr. = \$ 159.50  
5½ machine hrs. @ \$10.00 per hr. = \$ 55.00 \$ 214.50

Tractor Time

12½ man hrs. @ \$14.50 per hr. = \$ 181.25  
10½ machine hrs. @ \$30.50 per hr. = \$ 320.25 \$ 501.50

Coring

336 - 500 = 164 ft. @ \$15.50 per ft. = \$2,542.00  
500 - 979 = 479 ft. @ \$16.25 per ft. = \$7,783.75 \$10,325.75 \$13,225.75

Hole: #-3/45°/BQ

Moving

102 man hrs. @ \$14.50 per hr. = \$ 1,479.00

Reaming Cave

3 man hrs. @ \$14.50 per hr. = \$ 43.50  
1½ machine hrs. @ \$10.00 per hr. = \$ 15.00 \$ 58.50

Testing

4 man hrs. @ \$14.50 per hr. = \$ 58.00  
2 machine hrs. @ \$10.00 per hr. = \$ 20.00 \$ 78.00

Travelling Time

10½ machine hrs. @ \$14.50 per hr. = \$ 152.25

Tractor Time

½ man hrs. @ \$14.50 per hr. = \$ 7.25  
17½ machine hrs. @ \$45.00 per hr. = \$ 787.50 \$ 794.75

# E. Caron Diamond Drilling Limited

## CONTRACT DIAMOND DRILLING

HEAD OFFICE:  
7 ROUNDEL ROAD  
WHITEHORSE, Y.T. Y1A-3H3  
PHONE 668-2424 - 668-2425  
TELEX 036-8-337

VANCOUVER OFFICE:  
~~37-425 HOWE STREET~~  
~~VANCOUVER, B.C. V6C 1Z8~~  
PHONE 687-4634

<u>Casing</u>				
0 - 20 = 20 ft.	@ \$17.50 per ft.	=	\$	350.00
<u>Coring</u>				
8 - 470 = 462 ft.	@ \$17.00 per ft.	=	\$	<u>7,854.00</u> \$10,766.50

### Materials Consumed in Hole #2

1 BW casing shoe 8EM8290	@ \$155.50	=	\$	155.50
30 ft. BW casing	@ \$63.00/10' length	=	\$	189.00
1 BQ bit 22952	@ \$431.99	=	\$	431.99
1 BQ shell 6ER62	@ \$268.75	=	\$	268.75
1 BQ 10' core barrel	@ \$157.85	=	\$	157.85
800 ft. BQ rods in hole	@ \$53.00/10' length	=	\$	4,240.00
100 ft. BQ rods wrecked	@ \$53.00/10' length	=	\$	<u>530.00</u>
	+ 10%	=	\$	<u>597.30</u> \$ 6,570.39

### Mid & Core Boxes

200 bags Quik Gel	@ \$10.75 per bag	=	\$	2,150.00
250 bags Quik Trol	@ \$7.75 per bag	=	\$	1,937.50
19 bags Cement	@ \$30.00 per bag	=	\$	570.00
40 BQ core boxes	@ \$6.00 per box	=	\$	240.00
48 NQ core boxes	@ \$6.50 per box	=	\$	<u>312.00</u>
				\$ 5,209.50

### Freight

Ross Fooks Transport #143098		=	\$	314.00
<u>Delivery of Water Pipe July 19/78</u>				
Truck Rental Hertz #13079999		=	\$	98.95
7 man hrs.	@ \$14.50 per hr.	=	\$	<u>101.50</u>
				\$ 514.25

### Groceries

Super Valu Invoice # 0113191		=	\$	359.77
# 0117474		=	\$	<u>29.24</u>
	+ 10%	=	\$	<u>38.97</u>
				\$ 428.98

### Air North

Groceries Invoice # 1613		=	\$	90.00
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### Cook's Wages

July 14 - 31/78		=	\$	1,020.00
August 1 - 15/78		=	\$	<u>900.00</u>
	+ 10%	=	\$	<u>192.00</u>
				\$ 2,112.00

Total Invoice \$38,916.96





ROSS RIVER  
YUKON  
CANADA

FIXED AND ROTARY  
WING AIRCRAFT

**terr-air** LTD.  
(TERRITORIAL AIRWAYS)

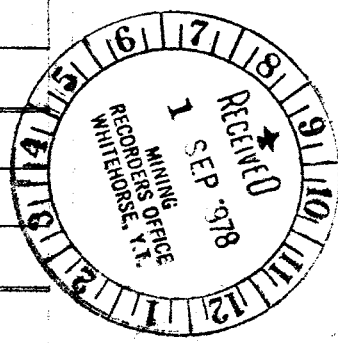
PHONE: 969-0040 FARO 994-2789  
TELEX: TERR-AIR ROSS

PROJECT: CALON CHARTER TICKET 12 4036  
AIRCRAFT YON 500D DATE JULY 12/77  
NAME AMOCO CANADA PETROLEUM  
ADDRESS \_\_\_\_\_

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL
PER UP 4 PASC	2.3		
UP & GEAR TO			
REDMINT RTN			
ROSSA			
TOTAL HRS <u>2.3 hrs</u>			
<u>315.00</u> PER HR.			
EXTRA CHARGES <u>50 @ 1.50 = 75.00</u>			
TOTAL CHARGES			<u>799.50</u>

Charterer's Authorization

Pilot's Signature



DD-18



ROSS RIVER  
YUKON  
CANADA

FIXED  
WING AIRCRAFT

**terr-air** LTD.  
(TERRITORIAL AIRWAYS)

PHONE: (403) 969-2240 or 969-2524  
TELEX: TERR-AIR ROSS

RADIO-4441CFM80

PROJECT: \_\_\_\_\_ CHARTER TICKET NO 445  
AIRCRAFT YON 500D DATE 14 JULY 77  
NAME AMOCO CANADA PETROLEUM  
ADDRESS #656-409 GRANVILLE ST.  
VANCOUVER B.C.

From	MILES	HOURS	CARGO	PASSENGER/REMARKS
ROSS RIVER				PICK UP LOAD
CAMP		2.9		GLAC DRILL
				EQUIP PASS
				TO CAMP
				RTN BAS

SPECIAL INSTRUCTIONS	PER HOUR	PER MILE	PER HOUR	PER LANDING	OTHER	TOTAL CHARGES
	2.3 @ 315.00		913.50			
					fuel 50 @ 1.50	75.00
						988.50

Pilot's Signature

Base

Charterer's Authorization



INVOICE

DATE APRIL 5 1979

ACCT. NUMBER

**174707**

**AMOCO CANADA PET. CO LTD**

**4277**

MINING DIV.

**656-409 GRANVILLE STREET**

**VANCOUVER B.C V6C 1T2**

SHIP TO **WHITEHORSE AIRPORT.**

STN FROM

STN CODE

ORDER NO.

WP NO.

POOL

TRUCK TRAILER
TRIP NO.
DELIVERED BY

**WHITE PASS**  
PETROLEUM SERVICES

THE BRITISH YUKON NAVIGATION CO., LTD.

P.O. Box 4070  
Whitehorse, Yukon

510 W. Hastings St.  
Vancouver, B.C. V6B 1M5

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
STONE OIL	30 DRS		1350	.861	1162
LOW POUR DIESEL	30 DRS		1350	911	1229
JP-4 JET	36 DRS		1620	.983	1592
3 Hrs. Labour @ #35 <sup>00</sup> /hr.			3	35.00	105
			1350	.01	13
			1350	.16	216
			1620	.02	32
			60 STEEL @ 15.00		900
			36 N WORK @ 40.00		1440
TAX (SPECIFY)					
PRODUCTS RECEIVED	RECEIVED PAYMENT				
<i>[Signature]</i>	CASH				
	CHEQUES				
APPROVED	CHECKED	EXCH.	DRUM CHARGES		
		TOTAL	DRUM CREDITS		
			TERMS - NET CASH (NO DISCOUNT)		TOTAL

*(Red. Mtn)*

*Charge for 1/2*



**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
 TELEPHONE (403)668-2177 • TELEX 036-8-290

ACCOUNT NUMBER				71
23745				
INVOICE DATE				AREA B.C. YUKON NWT ALTA.
17/04/78				
A/C TYPE		AIRCRAFT REGISTRATION C		
B 206 B		FUB		
FLIGHT DATE	DAY	MONTH	YEAR	
	13	04	78	
PURCHASE ORDER NO.				

CHARTERER Amaga

BILLING ADDRESS \_\_\_\_\_

FUEL & OIL-X		TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.			
✓	U	XY 0.4	4.3	

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
XY				
TO Swift Lake				
camp installation				
xi.		4.3		

SUB	G.L.	AMOUNT		
1135020		139750	4.3 @ 325 <sup>00</sup>	139750
1135110		927	@	
			@	
			@	

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.	
FUEL: 9	@ 1.03	/GAL.	927
FUEL:	@	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

*[Signature]*  
 CHARTERER'S SIGNATURE

*[Signature]*  
 PILOT'S SIGNATURE

H. Krueger   
 ENGINEER'S NAME

**TOTAL** \$ 1406 77

T  
N  
T



**TRANS NORTH TURBO AIR LTD.**  
BOX 4338, WHITEHORSE, YUKON Y1A 3T6

TELEPHONE (403)668-2177 • TELEX 036-8-290

CHARTERER Amoco Canada

BILLING ADDRESS 656-409 Granville St

Vancouver BC

FUEL & OIL-X		TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.			
<input checked="" type="checkbox"/>		1.8	hrs.	XY

ACCOUNT NUMBER					71
<b>24866</b>					
INVOICE DATE					AREA
19	17	18			B.C. <input type="checkbox"/>
A/C TYPE					YUKON <input type="checkbox"/>
BEAVER					NWT <input type="checkbox"/>
AIRCRAFT REGISTRATION NO.					ALTA. <input type="checkbox"/>
FJPM					
FLIGHT DATE		DAY	MONTH	YEAR	
14		07	18		
PURCHASE ORDER NO.					

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
WHITEHORSE	ROSEY LK.	50		L	2 Pax & Gpcc.
WHITEHORSE	ROSEY LK.	50		L	
WHITEHORSE	ROSEY LK.	50		L	2 Pax & Gpcc.
WHITEHORSE	ROSEY LK.	50		L	
<del>WHITEHORSE</del>	<del>ROSEY LK.</del>	<del>50</del>		<del>L</del>	
<del>WHITEHORSE</del>	<del>ROSEY LK.</del>	<del>50</del>		<del>L</del>	

SUB	G.L.	AMOUNT
11336020		28000

	@		
200	@	1140	28000
	@		
	@		
WAITING TIME	@	/HR.	
FUEL:	@	/GAL.	
FUEL:	@	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

Johy Koren  
CHARTERER'S SIGNATURE

[Signature]  
PILOT'S SIGNATURE

SHOP.  
ENGINEER'S NAME

**TOTAL** \$ 280 00

DD-18



**TRANS NORTH TURBO AIR LTD.**  
BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
TELEPHONE (403)668-2177 \*\* TELEX 036-B-290

ACCOUNT NUMBER	711		
27770			
INVOICE DATE	11/17/78		
A/C TYPE	Rec 206B FTDL		
FLIGHT DATE	DAY	MONTH	YEAR
	16	7	78
PURCHASE ORDER NO.			

Amoco  
CHARTERER

BILLING ADDRESS

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST.	SD4	1.2	44

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
Slate Mtn	Local		1.2	B	Mining drill equip & set up

SUB	G.L.	AMOUNT
1115	STD20	390 00
1115	ST110	26 78

1.2 @ 325 = 390 00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@		
FUEL: 26	@	102 GAL.	26 78
FUEL:	@	GAL.	
MEALS & LODGING			
OTHER			
OTHER			

John Ken  
CHARTERER'S SIGNATURE

G. Howell  
PILOT'S SIGNATURE

Shay  
ENGINEER'S NAME

**TOTAL \$416 78**

FLIGHT REPORT  
INVOICE



ACCOUNT NUMBER	70
27856	
INVOICE DATE	12/14/78
A/C TYPE	OTHER FSUB
FLIGHT DATE	07 04 78
PURCHASE ORDER NO.	

CHARTERER ~~ANOCO~~ ANOCO

BILLING ADDRESS

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST.		1.7	MA

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
MAHO	205	1.80		FERRY FOR FUEL & DRILL MOVE
XY				

SUB	G.L.	AMOUNT
3356	020	369 00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		phone calls later
OTHER		

CHARTERER'S SIGNATURE *[Signature]*

PILOT'S SIGNATURE *[Signature]*

ENGINEER'S NAME *McRAOIE/JEWETT*

TOTAL \$ 369 00

FLIGHT REPORT CUSTOMER COPY





**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
 TELEPHONE (403)668-2177 • TELEX 036-8-290

**Amoco**  
 CHARTERER

BILLING ADDRESS

ACCOUNT NUMBER	71
27857	
INVOICE DATE	12/14/78
A/C TYPE	OTTER
AIRCRAFT REGISTRATION C	FSUB
FLIGHT DATE	080478
PURCHASE ORDER NO.	

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST.		5.6	XT

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
WHITEHORSE				
TO SWIFT LK				
6 RD TRIPS @				FUEL HAUL
90 MILES	540			IPH & DIESEL

SUB	G.L.	AMOUNT
1	356020	97200

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

540	@	1'80	97200
	@	/HR.	
	@	/GAL.	
	@	/GAL.	
		MEALS & LODGING	
		OTHER	
		OTHER	

*[Signature]*  
 CHARTERER'S SIGNATURE

*[Signature]*  
 PILOT'S SIGNATURE

*[Signature]*  
 ENGINEER'S NAME

**TOTAL \$97200**

**FLIGHT REPORT**  
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 BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
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**AMOCO**  
 CHARTERER

BILLING ADDRESS

ACCOUNT NUMBER				71
27859				
INVOICE DATE				AREA
12/14/78				B.C. <input type="checkbox"/>
				YUKON <input type="checkbox"/>
				NWT <input type="checkbox"/>
				ALTA. <input type="checkbox"/>
A/C TYPE		AIRCRAFT REGISTRATION C		
OTTER		FSUB		
FLIGHT DATE	DAY	MONTH	YEAR	
	11	04	78	
PURCHASE ORDER NO.				

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.	4.9	XY
<input checked="" type="checkbox"/>			


FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. FREIGHT LBS.
WHITEHORSE				
TO SWIFT LK				
5 RO TRIPS @				
90 MILES	450			FUEL & DRILL MOVE

SUB	G.L.	AMOUNT
1356020		810 00

4.50	1.80	810 00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

CHARTERER'S SIGNATURE 

PILOT'S SIGNATURE

ENGINEER'S NAME **MC CREADE**

**TOTAL** \$ 810 00

**FLIGHT REPORT**  
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**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
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**ANOCO**  
 CHARTERER

BILLING ADDRESS

ACCOUNT NUMBER				71
<b>27860</b>				
INVOICE DATE				AREA
12 4 78				B.C. <input type="checkbox"/>
				YUKON <input type="checkbox"/>
				ALTA. <input type="checkbox"/>
A/C TYPE		AIRCRAFT REGISTRATION C		
OTHER		FSUB		
FLIGHT DATE	DAY	MONTH	YEAR	
	12	04	78	
PURCHASE ORDER NO.				

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST. <input checked="" type="checkbox"/>		20	XY

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
WHITEHORSE				
TO SWIFT LK	45			} DALL MOVE
WHITEHORSE	45			
SWIFT LK	45			
WHITEHORSE	45			

SUB	G.L.	AMOUNT
13156	020	324 00

180	@	1.80	324 00
	@	/HR.	
	@	/GAL.	
	@	/GAL.	
		MEALS & LODGING	
		OTHER	
		OTHER	

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

*[Signature]*  
 CHARTERER'S SIGNATURE

*[Signature]*  
 PILOT'S SIGNATURE

**MCCREADIE**  
 ENGINEER'S NAME

**TOTAL \$324.00**

*Done*

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**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON VIA 3T6  
 TELEPHONE (403)868-2177 • TELEX 036-8-290

ACCOUNT NUMBER 71

**27990**

INVOICE DATE AREA B.C. YUKON NWT ALTA.   
 1/20/478

A/C TYPE AIRCRAFT REGISTRATION C  
 DHC-47 -OEI

FLIGHT DATE DAY MONTH YEAR  
 11 04 78

PURCHASE ORDER NO.

CHARTERER Amoco

BILLING ADDRESS

FUEL #	OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.			
X		ALL	2.4 HRS.	X4.

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
WHITENORSE				
TO SWIFT LK	45			DRILL RODS, HOSE
WHITENORSE	45			
SWIFT LK	45			DRILL EQUIP.
WHITENORSE	45			
SWIFT LK	45			ENGINE & HOSE, ETC.
WHITENORSE	45			

SUB	G.L.	AMOUNT
1326020		41850

270	@ 1.55	41850
-----	--------	-------

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

*[Signature]*  
 CHARTERER'S SIGNATURE

*[Signature]*  
 PILOT'S SIGNATURE

*[Signature]*  
 ENGINEER'S NAME

WAITING TIME	@	/HR.	
FUEL:	@	/GAL.	
FUEL:	@	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

p2D

**TOTAL \$ 41850**

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**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
 TELEPHONE (403)668-2177 • TELEX 036-8-290

ACCOUNT NUMBER				71
<b>27991</b>				
INVOICE DATE				AREA
12/04/78				B.C. <input type="checkbox"/>
				YUKON <input type="checkbox"/>
				NWT <input type="checkbox"/>
				ALTA. <input type="checkbox"/>
A/C TYPE		AIRCRAFT REGISTRATION C.		
DHC-II T		-0 F 1		
FLIGHT DATE	DAY	MONTH	YEAR	
	12	04	78	
PURCHASE ORDER NO.				

CHARTERER AMOCO CANADA PETROLEUM.  
 # 656 409 GRANVILLE ST.  
 BILLING ADDRESS VANCOUVER, BC

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST.			
X	ALL	2.4 HRS.	XY

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
WHITEHORSE				
TO SWIFT LK.	45			DRILL EQUIP.
WHITEHORSE	45			
SWIFT LK	45			DRILL EQUIP.
WHITEHORSE	45			
SWIFT LK.	45			DRILL EQUIP.
WHITEHORSE	45			

SUB	G.L.	AMOUNT
13261020		41850

270 @ 1.55 41850

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

*[Signature]*  
 CHARTERER'S SIGNATURE

*[Signature]*  
 PILOT'S SIGNATURE

*[Signature]*  
 ENGINEER'S NAME

**TOTAL \$ 41850**

P 2 D

**FLIGHT REPORT**  
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**TRANS NORTH TURBO AIR LTD.**  
BOX 4338, WHITEHORSE, YUKON Y1A 3T6

TELEPHONE (403)668-2177 • TELEX 036-8-290

CHARTERER AMOCO

BILLING ADDRESS \_\_\_\_\_

FUEL & OIL-X		TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.			
	<input checked="" type="checkbox"/>	<u>                    </u>		

ACCOUNT NUMBER					71
29842					
INVOICE DATE					AREA
13 4 78					B.C. <input type="checkbox"/>
					YUKON <input type="checkbox"/>
					NWT <input type="checkbox"/>
					ALTA. <input type="checkbox"/>
A/C TYPE			AIRCRAFT REGISTRATION C		
206A.			GTNH		
FLIGHT DATE		DAY	MONTH	YEAR	
12		04	78		
PURCHASE ORDER NO.					

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT LBS.
WHITEHORSE					
TO SWIFTLAKE.					
SLATE MT. AREA.					
WHITEHORSE.		10.1	B		
SLINGING FUEL.					

SUB	C.L.	AMOUNT
1175020		2777.50

10.1 @ 275 = 2777.50

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

[Signature]  
CHARTERER'S SIGNATURE

[Signature]   
PILOT'S SIGNATURE

HAROLD KRUGER   
ENGINEER'S NAME

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

**TOTAL** \$2777.50

**FLIGHT REPORT**  
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**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338, WHITEHORSE, YUKON Y1A 3T6

TELEPHONE (403)668-2177 • TELEX 036-B-290

CHARTERER Amoco

BILLING ADDRESS \_\_\_\_\_

ACCOUNT NUMBER	711		
23744			
INVOICE DATE			AREA
13 14 78			B.C. <input type="checkbox"/>
			YUKON <input type="checkbox"/>
			NWT <input type="checkbox"/>
			ALTA. <input checked="" type="checkbox"/>
A/C TYPE		AIRCRAFT REGISTRATION C	
B206B		FM5T	
FLIGHT DATE	DAY	MONTH	YEAR
	1	2	04 78
PURCHASE ORDER NO.			

FUEL & OIL-X		TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			


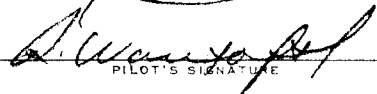
FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
XY				
TO				
Swift Lake,				
Camp Install				
XY		10.0		

SUB	G.L.	AMOUNT
113	5020	325000

10.0 @ 32500	325000
@	
@	
@	

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

  
 CHARTERER'S SIGNATURE  
  
 PILOT'S SIGNATURE  
 Jack  
 ENGINEER'S NAME

**TOTAL \$325000**

**FLIGHT REPORT**  
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TRANS NORTH TURBO AIR LTD.  
BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
TELEPHONE (403)668-2177 • TELEX 036-8-290

AMOCO CANADA PETROLEUM

CHARTERER #656 -409 GRANVILLE ST.

BILLING ADDRESS VANCOUVER, BC

FUEL & OIL: TMTA CUST. ✓ JP4  
TNTA FUEL USED HRS-GALS. 0.9  
FROM 44

ACCOUNT NUMBER	71
36126	
INVOICE DATE	27 07 78
A/C TYPE	Red 36B
AIRCRAFT REGISTRATION C	FDDL
FLIGHT DATE	19 07 78
PURCHASE ORDER NO.	

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS - FREIGHT LBS.
Wahse	Slate Mtn			08 B	Deep freeze & comp & pick up mechanic. Cat not ready, truck not ready
	Mtn Wahse				

DATE	QTY	AMOUNT
11/55/020		260.09
11/55/110		18.54

0.8 @ 325.00 = 260.00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

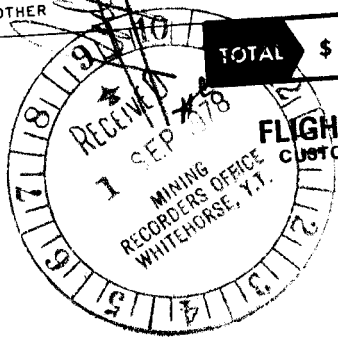
WAITING TIME	@	/HR.	
FUEL: 18	@	1.03/GAL.	18.54
FUEL:	@	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

CHARTERER'S SIGNATURE *Glenn Hull*

PILOT'S SIGNATURE

ENGINEER'S NAME *shop*

TOTAL \$ 278.54



FLIGHT REPORT CUSTOMER COPY

DD-8



TRANS NORTH TURBO AIR LTD.  
BOX 4338, WHITEHORSE, YUKON Y1A 3T6  
TELEPHONE (403)668-2177 • TELEX 036-8-290

Amoco

ACCOUNT NUMBER				71
36129				
INVOICE DATE				AREA
27 07 78				B.C. <input type="checkbox"/>
				YUKON <input type="checkbox"/>
				NWT <input type="checkbox"/>
				ALTA. <input type="checkbox"/>
A/C TYPE		AIRCRAFT REGISTRATION C-		
Boeing 206B		FDDL		
FLIGHT DATE	DAY	MONTH	YEAR	
	20	07	78	
PURCHASE ORDER NO.				

CHARTERER

BILLING ADDRESS

FUEL & OIL-X	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA CUST.	JP4	1.3	KY

FROM TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
Whitehorse				
Slate mtr		0.5		Gravies into camp
str whse		0.8		Slung mechanics tools off set up & returned some to whse

SUB	G.L.	AMOUNT
1155020		42250
1155110		2987

1.3	325 <sup>00</sup>	42250

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.	
FUEL: 29	@	1.03 /GAL.	2987
FUEL:	@	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

CHARTERER'S SIGNATURE  
*G. Howell*

PILOT'S SIGNATURE  
*shop*

ENGINEER'S NAME

TOTAL \$ 452 37

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FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS						
From	To				From	To	Length (m)	Ag	Cu	MoS <sub>2</sub>	WO <sub>3</sub>	Pb		
		13.21 - 4mm q.v. @ 35° to CA, tr MoS <sub>2</sub> , pyrite												
		14.08 - 1mm 'healed' q.v. @ 15 to CA, tr MoS <sub>2</sub>		3032	104.0	107.0	3.0	T	.02	.062	.01			
		14.54 - q.v., parallel to CA, 3-5% MoS <sub>2</sub>		3033	107.0	110.0	3.0	T	.02	.077	.005			
		14.81 - 3 mm q.v. @ 10° to CA, 3-f/g MoS <sub>2</sub> along U Contact.		3034	110.0	113.0	3.0	.01	.02	.060	.005			
		Also present is another set of 1-2 mm q.v. @ 45-50° to CA.		3035	113.0	116.0	3.0	.01	.02	.058	T			
		15.36 - 2.3 mm q.v. @ 50% to CA, 3% MoS <sub>2</sub>		3036	116.0	119.0	3.0	.01	.02	.089	T			
		16.06 - <1 mm q.v. @ 50 - 55% to CA, MoS <sub>2</sub>		3037	119.0	122.0	3.0	T	.01	.047	.01			
		16.51 - 2-1 mm crosscutting q.v. @ 55-70° to CA, MoS <sub>2</sub>		3038	122.0	125.0	3.0	T	.01	.065	.005			
		15.52 - Impressive MoS <sub>2</sub> along fracture @ 60° to CA		3039	125.0	128.0	3.0	T	.02	.048	T			
		16.82 - 2-3 mm q.v. @ 60% to CA, tr MoS <sub>2</sub>		3040	128.0	131.0	3.0	T	.01	.043	.005			
		18.62 - f/g MoS <sub>2</sub> along fracture @ 5° to CA		3041	131.0	134.0	3.0	T	.01	.089	.005			
		20.0 - 21.6 Moderately - intensely developed quartz strike. Veins contain py and/or MoS <sub>2</sub> . This section contains 2-4% py and significant molybdenite.		3042	134.0	137.0	3.0	.09	.06	.008	T			
				3043	137.0	140.0	3.0	.09	.08	T	T			
				3044	140.0	143.0	3.0	.24	.13	T	T			
		22.95 - 1mm q.v. @ 70° to CA, tr MoS <sub>2</sub>		3045	143.0	146.0	3.0	.09	.04	.022	T			
		23.12 - tr MoS <sub>2</sub> in q.v., parallel to CA		3046	146.0	149.0	3.0	T	.01	.073	.01			
		26.61 - 27.37 - well developed quartz stockwork MoS <sub>2</sub> bearing.		3047	149	152	3.0	T	.02	.065	.005			
		28.90 - Contains MoS <sub>2</sub> stringers @ 25° to CA		3048	152	155	3.0	T	.01	.077	.01			
		30.40 - 10 mm q.v. @ 45 to CA, 2% MoS <sub>2</sub> along rims.		3049	155	158	3.0	T	.01	.053	.005			
		34.47 - MoS <sub>2</sub> along fracture @ 10° to CA		3050	158	161	3.0	T	.05	.062	Tr			
		35.30 - 3mm q.v. @ 30° to CA, 5% MoS <sub>2</sub>		3051	161	164	3.0	.01	.04	.070	.005			
		36.27 - 4 mm py veins @ 30° to CA Minor hematite association.		3052	164	167	3.0	T	.02	.060	.005			
		36.63 - 36.9 Well developed quartz strike, partially healed - tr MoS <sub>2</sub>		3053	167	170	3.0	T	.02	.062	.005			
		36.97 - 1 mm q.v. @ 45 - 50° to CA, MoS <sub>2</sub>		3054	170	173	3.0	T	.01	.099	.005			
		38.44 - distinctive contact between the unit and a silicified section @ 45° to CA		3055	173	176	3.0	.09	.02	.062	Tr			
				3056	176	179	3.0	.02	.03	.085	.01			
		38.50 - 1 mm q.v. @ 55° to CA, tr MoS <sub>2</sub>		3057	179	182	3.0	.01	.01	.102	.01			
		* 39.53 - Several tiny quartz veinlets at various attitudes contain py - MoS <sub>2</sub>		3058	182	185	3.0	T	.01	.159	.01			
		39.56 - Impressive MoS <sub>2</sub> (over 5cm) within a silicified section. Py bearing veins appear to cross-cut MoS <sub>2</sub> veins.		3059	185	188	3.0	T	.01	.192	.01			
				3060	188	191	3.0	T	.01	.114	.01			
		40.45 - 5 mm q.v. @ 50° to CA, tr MoS <sub>2</sub>		3061	191	194	3.0	T	.01	.119	.01			
		42.06 - <1 mm q. v. @ 55° & 25° to CA, Minor MoS <sub>2</sub>		3062	194	197	3.0	T	.01	.097	.01			
		42.37 - 1 mm q.v. @ 5° to CA - MoS <sub>2</sub> stringer.		3063	197	200	3.0	T	.01	.092	.01			
		* 39.29 - 3 mm q.v. @ 70% to CA, 5% MoS <sub>2</sub>		3064	200	203	3.0	T	.01	.099	T			
				3965	203	206	3.0	.74	.03	.028	T			
42.7	79.3	<u>QUARTZ</u> <u>MONZONITE</u> <u>PORPHYRY</u>		3066	206	209	3.0	T	.01	.122	.01			
		Light grey to creamy grey, medium grained, contains variable amounts of quartz eyes. This unit is essentially the same as the above unit. Contact is gradational. This unit is moderately kaolinized and sericitized. It doesn't appear to have as a distinctive porphyry texture. As above, it is pyritic, (1-3%) contains well developed q.v. and contains moderate MoS <sub>2</sub> mineralization +/0	1 - 3% py wk - med. MoS <sub>2</sub> (av. 0.05%) <sup>2</sup>	3067	209	212	3.0	T	.01	.072	T			
				3068	212	215	3.0	T	.01	.042	T			
				3069	215	218	3.0	T	.01	.149	.005			
				3070	218	221	3.0	T	.02	.110	.01			
				3071	221	224	3.0	T	.01	.047	.005			
				3072	224	227	3.0	T	.02	.038	.005			
		44.68 - 1 cm q.v. @ 35 - 40° to CA, rimmed on upper contact with MoS <sub>2</sub> , tr py +/0		3073	227	230	3.0	T	.01	.124	.005			
				3074	230	233	3.0	T	.02	.052	.005			
		45.87 - Trace chalcopryrite.		3075	233	236	3.0	T	.02	.067	T			
		46.25 - A pair of 1-2 mm q.v. @ 60-65° to CA, MoS <sub>2</sub> bearing		3076	236	239	3.0	.01	.02	.045	.005			
		46.93 - contains a number of irregular 3-7 mm Q.V. @ 50° to CA, 5% py. Contains a set of fractured <1 mm MoS <sub>2</sub> bearing grey q.v. Pyritic veins appear to be post MoS <sub>2</sub> bearing veins. These veins are at 80 - 90° to CA.		3077	239	240	3.0	.01	.02	.050	T			
				3078	242	245	3.0	T	.02	.080	.005			
				3079	245	248	3.0	T	.02	.042	T			
		47.21 - 2 cm fault gouge @ 25-30° to CA.		3080	248	251	3.0	.01	.02	.037	.01			
		47.21 - 49.08 - Contains numerous crosscutting <1 mm q.v., most of which are mineralized with stringers of MoS <sub>2</sub> . This section should contain 0.20% MoS <sub>2</sub> . At least 25 qtz veinlets are noted over this interval	47.21 - 49.08 Mod. MoS <sub>2</sub> (~ 0.20%)	3081	251	254	3.0	T	.02	.099	.01			

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS											
From	To				From	To	Length (m)	Ag	Cu	MoS <sub>2</sub>	WO <sub>3</sub>	Pb							
		occur @ various attitudes to CA. Veins are commonly at <30° to CA.																	
		54.71 - 4 mm q.v. @ 25° to CA, 20-30% py crosscuts a 1 mm q.v. @ 20°		3082	254	257	3.0	T	.02	.062	T								
		to CA, 5 - 10% MoS <sub>2</sub> , 10-15% py.		3083	257	260	3.0	.01	.02	.082	.005								
		54.96 - 4 mm q.v. @ 65° to CA, 5% MoS <sub>2</sub> along rim.		3084	260	263	3.0	T	.01	.057	T								
		55.12 - 2-3 mm q.v. @ 20° to CA, 5% MoS <sub>2</sub> , tr py		3085	263	266	3.0	T	.01	.063	.005								
		56.4 - 60.65 - Moderate MoS <sub>2</sub> mineralization. Contains numerous 1mm		3086	266	269	3.0	T	.01	.040	.005								
		stringers of extremely f/g molybdenite within q.v. Veins are orientated @ 50-70°	56.4 - 60.65	3087	269	272	3.0	T	.02	.045	T								
		to CA.	Med. MoS <sub>2</sub>	3088	272	275	3.0	T	.02	.043	.01								
		From 58.7 to 71.9 the intrusive contains a distinctive set of q.v. @		3089	275	278	3.0	T	.01	.047	.005								
		20-25° to CA. These veins are moderately mineralized with 5% MoS <sub>2</sub> and minor py.		3090	278	281	3.0	T	.01	.038	.005								
		The veins are normally 4-6 mm in width.		3091	281	284	3.0	T	.01	.037	.01								
		65.29 - 3mm q.v. @ 35° to CA, 2-3 % MoS <sub>2</sub>		3092	284	287	3.0	T	.01	.052	.01								
		65.47 - 1.5 cm q.v. @ 20° to CA, tr py & black mineral.		3093	287	290	3.0	T	.01	.062	.01								
		Pyrite filled fractures are post - q.v.		3094	290	293	3.0	T	.01	.060	.01								
		68.36 - 3 cm q.v. @ 25-30° to CA. Minor molybdenite along upper contact.		3095	293	296	3.0	T	.01	.085	.005								
		70.77 - 3 mm q.v. @ 35° to CA, 5% MoS <sub>2</sub> .		3096	296	299	3.0	T	.01	.108	.01								
		71.93 - 79.34		3097	299	302	3.0	T	.01	.035	.005								
		Unit is more siliceous than above, the rock has a mottled		3098	302	305	3.0	T	.01	.116	T								
		appearance, sericific, light greenish colour. Contains <1% py +/- & scattered		3099	305	308	3.0	T	.01	.065	T								
		stringers of grey quartz (MoS <sub>2</sub> bearing).		3100	308	311	3.0	T	.02	.053	.005								
		73.67 - 75.13 f/g, almost ceplitic in appearance, greenish grey.		3101	311	314	3.0	T	.02	.065	.005								
		tr MoS <sub>2</sub> , less than 1% py. Lower contact distinct @ 50° to CA.		3102	314	317	3.0	T	.01	.063	.005								
		75.99 - 40° to CA, 2 mm q.v., 5% MoS <sub>2</sub>		3103	317	320	3.0	T	.02	.141	.01								
		76.50 - 79.34 Unit has a broken-up appearance, locally brecciated, up		3104	327.0	323	3.0	T	.02	.080	.01								
		to 1% py, tr MoS <sub>2</sub> .		3105	323	326	3.0	T	.01	.048	T								
				3106	326	329	3.0	.01	.02	.048	T								
				3107	329	332	3.0	T	.02	.053	.01								
79.3	95.4	<u>BRECCIA - QUARTZ MONZONITE PORPHYRY - healed</u>		3108	332	335.1	3.1	.01	.03	.040	.005								
		Light grey, siliceous, unit has been weakly sericitized and kaolinized.	1-3% py	3109	335.1	338	2.9	.01	.03	.002	T								
		The unit exhibits a 'healed' or silicified texture in that many of the	Weak MoS <sub>2</sub>																
		fragments are barely recognizable. 70-90% of the unit is composed of up to																	
		2-3 cm fragments. The fragments although silicified consist of Quartz																	
		Monzonite Porphyry.																	
		Quit characteristic of the breccia is the lack of post - brecciation																	
		quartz veining. A number of quartz fragments and fragmented quartz veins are																	
		present. However, it indicates that qtz veining preceeded brecciation.																	
		1-3% py occurs +/-, principally along fractures and the matrix. Traces																	
		MoS <sub>2</sub> present along fractures - no preferred orientation. Trace black mineral																	
		associated with pyrite. Tr. Galena (??)																	
		91.4 - 93.6 Section is not as siliceous; breccia texture more apparent.																	
95.4	105.8	<u>QUARTZ MONSONITE PORPHYRY BRECCIA - Shear Zone</u>																	
		This unit is similar to above except that it is associated with a fault																	
		zone, oxidized and partially broken up.																	
		Unlike the unit above, a number of q.v. observed in the lower half of																	
		the section.																	
		99.58 - 1.5 cm q.v. @ 40° to CA, 3-5% MoS <sub>2</sub> along rim, tr py																	
		99.64 - 3 mm q.v. @ 35° to CA, 3-5% MoS <sub>2</sub> .																	
		101.07 - 4 mm q.v. @ 30° to CA, Minor MoS <sub>2</sub>																	
		101.16 - 3 mm q.v. @ 30° to CA, 2-5% MoS <sub>2</sub>																	

Hole stopped @ 338 m







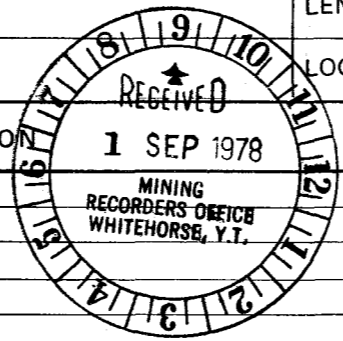






AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN	LATITUDE	2 + 70 N	STARTED	30th July 1978	DIP TEST					
HOLE NO.	RMY - 78 - 2	DEPARTURE	Line 5 + 00 W	FINISHED	7th August 1978	Footage	Corrected	Footage	Corrected	Footage	Corrected
BEARING	198°	ELEVATION	1500 m	LENGTH	298.4 m (979 ft.)	60 m	47°	240 m	52°		
DIP-COLLAR	-45° S	SECTION	-----	LOGGED BY	J. Korenic	120 m	50°	298 m	52½°		
						180 m	50°				



FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE Width (m)				ASSAYS			
From	To				From	To	Ag.	Cu.	MoS <sub>2</sub>	WO <sub>3</sub>		
0	9.1	CASING		57402	9.1	12.0	3.0	.01	.03	.002	T	
				57403	12.0	15.0	3.0	T	.06	.002	.01	
9.1	178.8	QUARTZ MONZONITE PORPHYRY		57404	15.0	18.0	3.0	.01	.03	.002	.005	
				57405	18.0	21.0	3.0	.01	.04	.002	.005	
				57406	21.0	24.0	3.0	.01	.03	.002	T	
		Greenish grey, contains very distinctive 3-5 mm quartz eyes (10-20%) throughout. 1-2 mm feldspar crystals and minor (<5%) dark green chloritized mafics in addition to the quartz eyes occur within a rhyolitic matrix.	No MoS <sub>2</sub> 54.5 - 87.0 Tr - ½% cpy	57407	24.0	27.0	3.0	.01	.03	.003	T	
		Minor muscovite t/o.		57408	27.0	30.0	3.0	.02	.04	.002	T	
		The unit is very massive t/o with no qtz veining and no significant fracturing.		57409	30.0	33.0	3.0	.01	.03	.002	.005	
		The unit is weakly altered - sericitized although several sections have been moderately altered.		57410	33.0	36.0	3.0	.01	.03	.003	T	
		Between 9.1 - 27.6; 31.17-36.87 the intrusive has been moderately - intensely oxidized. Several fault gouges and sheer zones have been noted		57411	36.0	39.0	3.0	.06	.03	.003	T	
		@ 41.0 - 41.4; 42.4-42.7; 43.0-43.3; 45.9-45.95; 69.5-70.6; 123.27-123.64; 130.12-130.85; 153.53-153.56; 170.3-172.11 and 178.60-178.62.		57412	39.0	42.0	3.0	.29	.22	.002	.005	
		Occuring within this interval are several andesitic (?) dikes. This unit is medium grey, very fine grained, massive, soft and contains no sulfides.		57413	42.0	45.0	3.0	.12	.10	.005	T	
		1-3 mm qtz phenocrysts are scattered locally (minor). ½ - 2% pyrite occurs t/o principally as disseminations. Particularly below 90 a f/g, somewhat darker variety of pyrite is noted.		57414	45.0	48.0	3.0	.06	.11	.003	.005	
		No MoS <sub>2</sub> was observed within this unit. Scattered f/g disseminated cpy has been observed within the section. Tr - ½% cpy occurs between 54.5-87.0.		57415	48.0	51.0	3.0	.01	.09	.008	T	
		Tr cpy has also been noted @ 40.85, 90.69, 92.9, 101.28. Traces of a f/g unidentified black mineral have been observed. (25.97, 69.5-87.0, 113.80)		57416	51.0	54.0	3.0	.12	.14	.007	T	
				57417	54.0	57.0	3.0	.09	.18	.002	T	
				57418	57.0	60.0	3.0	.12	.16	.002	.005	
				57419	60.0	63.0	3.0	.06	.15	.003	T	
				57420	63.0	66.0	3.0	.15	.17	.002	T	
				57421	66.0	69.0	3.0	.21	.17	T	.005	
				57422	69.0	72.0	3.0	.06	.10	.002	.005	
				57423	72.0	75.0	3.0	.15	.17	.002	T	
				57424	75.0	78.0	3.0	.06	.10	.002	T	
				57425	78.0	81.0	3.0	.06	.09	T	T	
				57426	81.0	84.0	3.0	.21	.18	.002	T	
				57427	84.0	87.0	3.0	.18	.13	.002	T	
				57428	87.0	90.0	3.0	.01	.03	T	T	
		30.5-31.13: - Andesitic Dike		57429	90.0	93.0	3.0	.01	.03	T	T	
		Upper part well foliated @ 40° to CA.		57430	93.0	96.0	3.0	T	.02	T	T	
		36.87-37.1: - Brecciated Section.		57431	96.0	99.0	3.0	.01	.02	T	T	
		Up to 5 cm subrounded frags, < ½% diss. py.		57432	99.0	102.0	3.0	.01	.02	T	T	
		Dark grey porphyritic matrix.		57433	102.0	105.0	3.0	T	.02	T	T	
		40.08: Minor Galena (?) associated with py and trace cpy along fracture.		57434	105.0	108.0	3.0	.01	.02	.002	T	
				57435	108.0	111.0	3.0	T	.01	.002	.005	
		45.55: Stringer of cpy along fractures.		57436	111.0	114.0	3.0	T	.01	.002	T	
		48.30-48.95: Andesitic Dike		57437	114.0	117.0	3.0	T	.01	.002	.005	
		Sharp contact @ 5° to CA.		57438	117.0	120.0	3.0	T	.01	.003	.005	
				57439	120.0	123.0	3.0	T	.01	.002	T	
				57440	123.0	126.0	3.0	T	.01	T	T	

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE Width (m)			ASSAYS			
From	To				From	To	Width	Ag.	Cu.	MoS <sub>2</sub>	WO <sub>3</sub>
		48.95 - 49.95: Mixed: Intrusive and Andesitic Dike contact is @ 10° to CA. Gouge associated.		57441	126.0	129.0	3.0	T	.01	.002	T
		49.95 - 51.14: Andesitic Dike.		57442	129.0	132.0	3.0	.01	.01	.002	T
		54.5 - 87.0 : Tr - ½% f/g disseminated cpy with ½ - 2% py.		57443	132.0	135.0	3.0	T	.01	.002	T
		109.82 5 mm q.v. @ 35° to CA, Barren.		57444	135.0	138.0	3.0	T	.01	.003	T
		110.51-111.25: Aplitic Dike.		57445	138.0	141.0	3.0	T	.01	.003	T
				57446	141.0	144.0	3.0	T	.01	.003	T
		Olive green, wk - mod. banded @ 80 - 90° to CA. Cherty, no sulfides.		57447	144.0	147.0	3.0	T	.01	.003	T
		Contains 3-5% 2 mm violet qtz eyes and 1-2 mm euhedral feldspars disseminated t/o.		57448	147.0	150.0	3.0	T	.01	.002	T
		Below 121, to 128.63 quartz eyes are not as distinctive, contains minor local K - spar. From 122.2 - 126.4: Mottled appearance - possibly a healed breccia - minor euhedral muscovite t/o.		57449	150.0	153.0	3.0	T	.01	.002	T
		122.6: trace MoS <sub>2</sub>		57450	153.0	156.0	3.0	.01	.01	T	T
		128.63 - 130.48: Andesitic Dike		57451	156.0	159.0	3.0	T	.01	T	T
		130.12 - 130.85: Gouge		57452	159.0	162.0	3.0	T	.01	T	T
		132.67 - 137.55: Andesitic Dike		57453	162.0	165.0	3.0	T	.01	T	T
		Contains several minor irregular fracture coated with a black oxide.		57454	165.0	168.0	3.0	T	.01	.002	T
		Below 137.55 the intrusive is somewhat lighter in colour - somewhat creamy in places. The qtz. eyes continue to be quite prominent being from 1 - 10 mm in size. The feldspars are 1 - 2 mm, however, much of it appears to be indistinguishable from the matrix. Contains ½ - 1% py. Both varieties, as mentioned above, are noted. Unit appears to be mod. sericitic - also wk. potassic alt. noted.		57455	168.0	171.0	3.0	T	.01	.002	T
		170.30 - 172.11: Broken up, contains a 10 cm gouge @ 50° to CA.		57456	171.0	174.0	3.0	T	.01	T	T
		177.4 : Several py filled fractures @ 40° to C.A.		57457	174.0	177.0	3.0	T	.01	T	T
				57458	177.0	180.0	3.0	T	.02	T	T
				57459	180.0	183.0	3.0	T	.02	.002	.005
				57460	183.0	186.0	3.0	T	.02	T	T
				57461	186.0	189.0	3.0	T	.02	.002	T
				57462	189.0	192.0	3.0	T	.02	.002	.005
				57463	192.0	195.0	3.0	T	.02	.002	.01
				57464	195.0	198.0	3.0	.09	.02	T	T
				57465	198.0	201.0	3.0	.09	.04	.003	T
178.8	200.9	QUARTZ MONZONITE PORPHYRY		57466	201.0	204.0	3.0	.18	.05	.002	T
				57467	204.0	207.0	3.0	.12	.06	.002	T
				57468	207.0	210.0	3.0	.29	.18	T	T
				57469	210.0	213.0	3.0	.24	.21	.002	.01
		Greenish grey, contains 1-2 mm feldspar and minor 2-5 mm qtz eyes within a rhyolitic matrix. Unit is only weakly semicitized, essentially the same as the above unit except that the quartz eyes are not as distinctive. Quite massive with only minor q.v.	½ - 2% py No MoS <sub>2</sub>	57470	213.0	216.0	3.0	.53	.30	.002	T
		Relatively minor pyrite t/o ~ ½%. The lower part of this section contains up to 2% pyrite. Both varieties of pyrite were noted. Pyrite normally occurs as disseminations, fracture filling & blebs.		57471	216.0	219.0	3.0	.41	.25	.002	T
				57472	219.0	222.0	3.0	.21	.28	T	T
				57473	222.0	225.0	3.0	.15	.35	T	T
				57474	225.0	228.0	3.0	.18	.15	.002	T
				57475	228.0	231.0	3.0	.09	.06	.002	.005
				57476	231.0	234.0	3.0	.02	.12	.022	.005
		182.28 - 185.30: Gouge		57477	234.0	237.0	3.0	.01	.17	.013	T
		187.8 - 190.8 : Several 1 - 3 mm pinkish feldspar veinlets @ 40° to CA.		57478	237.0	240.0	3.0	.01	.07	.003	T
		194.7 2 cm gouge @ 65° to CA.		57479	240.0	243.0	3.0	.01	.05	.017	T
		195.0 - 195.35: Broken up & Gouge @ 10° to CA.		57480	243.0	247.0	4.0	.01	.01	.020	.005
		196.7 2 cm gouge @ 20° to CA.		57481	247.0	250.0	3.0	.01	.01	.018	.005
		196.50 Broken q.v. - tr. cpy, py.		57482	250.0	253.0	3.0	T	.01	.007	.005
				57483	253.0	256.0	3.0	T	.01	.015	.005
200.9	233.6	QUARTZ MONZONITE PORPHYRY - Peppery texture.		57484	256.0	259.0	3.0	.01	.01	.008	.01
				57485	259.0	262.0	3.0	T	.01	.008	.005
		Creamy, greenish grey. Unit is essentially the same as above, however, it contains dark patches (up to 20%) t/o which are made up of dark smokey qtz, f/g pyrite, minor f/g cpy, and to a lesser degree f/g black mineral. The unit is moderately sericitic. The rock is relatively massive. Contains scattered 2 - 3 mm qtz eyes (up to 10%).	2% py, Tr - ½% cpy. Minor MoS <sub>2</sub> below 231.42	57486	262.0	265.0	3.0	T	.02	.015	.005
				57487	265.0	268.0	3.0	.01	.01	.015	T
				57488	268.0	271.0	3.0	.02	.01	.017	T
				57489	271.0	274.0	3.0	.03	.05	.013	T
				57490	274.0	277.0	3.0	.14	.13	.002	T
				57491	277.0	280.0	3.0	.02	.03	.002	T

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE		Width (m)	ASSAYS			
From	To				From	To		Ag.	Cu.	MoS <sub>2</sub>	W <sub>2</sub> O <sub>3</sub>
		2% pyrite disseminate t/o. Tr - 1/2% f/g cpy is noted t/o particularly associated with the dark patches.		57492	280.0	283.0	3.0	.02	.03	T	T
		MoS <sub>2</sub> is noted below 231.42.		57493	283.0	286.0	3.0	.01	.01	.018	T
		200.92: 3 mm q.v. @ 30° to CA, minor py, cpy, galena and sphalerite (?)		57494	286.0	289.0	3.0	T	.01	.042	T
		201.30: <1 mm q.v. @ 40° to CA, py- <del>cpy</del> -gal-sph (?)		57495	289.0	292.0	3.0	T	.01	.238	T
		201.58: <1 mm q.v. @ 30° to CA, sph (?) gal, py, cpy		57496	292.0	295.0	3.0	.02	.01	.217	T
		201.75: <1 mm q.v. @ 35° to CA, py- <del>cpy</del> -gal-(sph)		57497	295.0	298.4	3.4	T	.01	.140	T
		202.50: 2 mm sulfide-qtz vein @ 35° to CA - sph (?) - gal, cpy - py									
		202.74: 3 mm q.v. @ 30° to CA, Barren.									
		202.77: 4 cm Gouge									
		205.30: 3-5 mm q.v. @ 40° to CA, 2-3% gal, 2% cpy, minor sph (?) & py.									
		222.94: Dark sulfide patch associated with dark qtz, predominantly consists of py with lesser cpy. (2-4 cm band).									
		225.6 - 228.9: QUARTZ MONZONITE PORPHYRY									
		As above except that it lacks the peppery or dark patches. No significant cpy, 2% py.									
		231.42: Minor MoS <sub>2</sub> along fracture.									
		231.42 - 232.25: Contains wk (<0.05) MoS <sub>2</sub> mineralization along fractures in association with py and lesser cpy.									
233.6	273.3	QUARTZ MONZONITE PORPHYRY - Brecciated Sections									
		Unit consists of massive Quartz Monzonite Porphyry with brecciated sections. The porphyry is greenish grey, consists predominantly of 1-2 mm feldspar and minor 2-4 mm qtz eyes within a rhyolitic matrix. Weakly sericitic. The breccia often has gradational or not well defined contacts. The fragments consist of QUARTZ MONZONITE PORPHYRY and to a lesser extent a green sericitized quartzite (?) and qtz fragments. These fragments are subangular-subrounded in form and are up to at least 6 cm in size. Within the breccia, py occurs as f/g dissemination & as fracture fillings. MoS <sub>2</sub> occurs as f/g disseminations within the matrix and as short fracture fillings. Variable cpy (tr - 3/4%) occurs down to 242.30 below which no significant cpy was noted. Weak potassic alteration is locally evident below 237.									
		233.6 - 234.83: Breccia									
		Minor (trace) MoS <sub>2</sub> t/o, 2% py, tr - 1/2% cpy as disseminations.									
		Fragments appear to be vaguely orientated @ 40° to CA. Trace unidentified soft, green mineral noted.									
		234.83 - 242.30: QUARTZ MONZONITE PORPHYRY									
		Trace MoS <sub>2</sub> , tr - 1/2% cpy, minor K - spar veinlet @ 237.7.									
		242.30 - 244.5: Breccia.									
		Weak MoS <sub>2</sub> t/o (<0.05%) as f/g disseminations and as short fracture fillings. Trace 'greenish' mineral, no significant cpy, 2% py.									
		244.5 - 246.37: Andesitic Dike.									
		246.37 - 249.6: Breccia									
		Wk - mod. MoS <sub>2</sub> (approx. 0.05%)									
		249.6 - 267.39: Quartz Monzonite Porphyry									
		Brecciated sections @ 254.6 - 255.45; 257.8 - 258.3; 258.54 - 259.2 and 260.95 - 266.55.									
		Contains 1-3% py t/o, tr 'greenish' mineral, weak MoS <sub>2</sub> t/o, particularly along fractures. No section is > 0.05%. Minor K-spar veinlets.									

Hole abandoned @ 298.4 m (Sand Caving)

Tr MoS<sub>2</sub>, 2% py  
Tr - 1/2% cpy.



A.C.P.C.L. MINING DIVISION - D.D.H. RECORD

DESCRIPTION

% PROPERTY

SAMPLE

FOOTAGE HOLE NO.

RMY - 78 - 2

ASSAYS

5

FOOTAGE

DESCRIPTION

Mineralization %

SAMPLE NO.

From FOOTAGE To Length

ASSAYS

1 - 2% pyrite occurs t/o as disseminations and as fracture filling blebs. No cpy t/o.

Impressive MoS<sub>2</sub> is noted t/o within qtz veins as fine grained disseminations and rims. MoS<sub>2</sub> is noted also along fractures. MoS<sub>2</sub> is observed in most of the veins regardless of orientation. From 289.18 - 295.4 < 0.2% MoS<sub>2</sub> is noted whereas below 295.4 to 298.14 0.10 - 0.15% MoS<sub>2</sub> is observed.

291.80: 14 mm q.v. @ 35° to CA, tr MoS<sub>2</sub>

292.18: 6 mm q.v. @ 60° to CA, tr MoS<sub>2</sub>

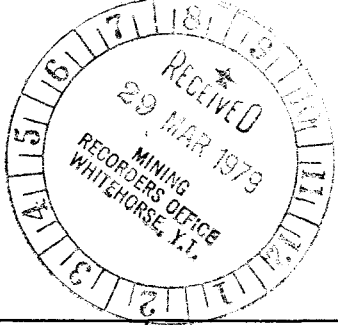
292.80: Impressive f/g MoS<sub>2</sub> along fracture

295.40: 2 mm q.v. @ 45° to CA, minor MoS<sub>2</sub>, 2 cm K - spar selvage.

295.80: 5 mm q.v. @ 40° to CA, minor MoS<sub>2</sub>.

E. O. H (Rods stuck in hole.)

*Johnston*



AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	RED MOUNTAIN	LATITUDE	4+00N	STARTED	October 1, 1978	DIP TEST					
HOLE NO.	RMY 78-5	DEPARTURE	LINE 7+50W	FINISHED	October 25, 1978	Footage (m)	Corrected	Footage	Corrected	Footage	Corrected
BEARING	VERTICAL	ELEVATION	1464 Meters	LENGTH	370 meters (1240 feet)	60 (m)	88°	240 m	88½°		
DIP-COLLAR	-90°	SECTION	- - -	LOGGED BY	J. Korenic	120 m	89°	300 m	85°		
						180 m	88°	360 m	81°		

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS				
From	To				From (m)	To (m)	Length (m)	Fppm	Ag.	Cu.	MoS <sub>2</sub>	Geochem W
0	2.4	OVERBURDEN (10.4m CASING)		57697	2.4	7.0	4.6	620	.01	.01	.003	54
2.4	69.7	BRECCIA - QUARTZ EYE PORPHYRY, SERICITIC QUARTZITE		57698	7.0	11.0	4.0		.01	.01	.012	50
				57699	11.0	14.0	3.0	780	.01	.03	.01	30
				57700	14.0	17.0	3.0		.01	.02	.015	52
		Upper part (2.4 - 11.1m) consists of relatively massive quartz eye porphyry. Otherwise, the unit consists of a distinctive breccia throughout. Approximately 60 - 80% of the breccia (in addition to the upper section) consists of creamy grey, massive, angular (to subangular), weakly kaolinized intrusive fragments. These fragments vary in size up to 0.5m, contain no quartz veins, no MoS <sub>2</sub> , and are characterized by distinctive 3-5mm quartz eyes (10-20%) within a rhyolitic matrix. < 0.5mm feldspar phenocrysts are noted t/o. The fragments are similar in composition as that noted in d.d.1. RMY-78-2 (upper part). The remainder of the breccia consists of 0.5-5.0 cm light grey, olive grey, and dark grey quartzitic fragments. These fragments are typically well laminated, contain disseminated pyrite and are occasionally veined (quartz). Associated with these quartzite fragments are fragmented quartz veins. These quartz fragments appear to be more common down hole. These fragments are generally angular in form, vary in size from 2mm MoS <sub>2</sub> bearing quartz 'pebbles' to 6 cm fragments of 5mm quartz veins.	5 (- 10%) pyrite	57701	17.0	20.0	3.0	610	T	.03	.013	40
				57702	20.0	23.0	3.0		T	.02	.013	50
				57703	23.0	26.0	3.0	590	.01	.03	.013	36
			Weak MoS <sub>2</sub> (< 0.05%)	57704	26.0	29.0	3.0		.03	.09	.01	44
				57705	29.0	32.0	3.0	920	.01	.05	.013	64
				57706	32.0	35.0	3.0		T	.03	.013	97
				57707	35.0	38.0	3.0	610	.18	.08	.012	50
				57708	38.0	41.0	3.0		.01	.05	.01	86
				57709	41.0	44.0	3.0	630	.02	.02	.01	84
				57710	44.0	47.0	3.0		.01	.01	.013	127
				57711	47.0	50.0	3.0	770	.06	.03	.012	98
				57712	50.0	53.0	3.0		.01	.02	.013	95
				57713	53.0	56.0	3.0	700	T	.05	.013	90
				57714	56.0	59.0	3.0		T	.01	.007	70
				57715	59.0	62.0	3.0	520	.01	.01	.015	150
				57716	62.0	65.0	3.0		T	.01	.007	225
		Scattered throughout the breccia are up to 5 cm fragments of a bright green mineral. These fragments are occasionally micaceous, laminated and soft.		57717	65.0	68.0	3.0	570	T	.01	.008	390
				57718	68.0	71.0	3.0		T	.01	.007	105
				57719	71.0	74.0	3.0	420	.01	.02	.002	12
		Pyrite is abundant t/o. Within the porphyry fragments, pyrite occurs as disseminations and in concentrations of ~2-4%. Overall, 5% pyrite is noted although locally 10% is present. In addition to disseminations in the various fragments, pyrite largely occurs within the matrix of the breccia generally enveloping the quartzite fragments. In the sections 24.7-25.4 and 58.8-59.7 20-30% pyrite is present occasionally in massive form. Locally occurring in association with pyrite is a dark brown to black semi-lustrous mineral - sphalerite.		57720	74.0	77.0	3.0		.01	.01	.003	12
				57721	77.0	80.0	3.0	450	.12	.02	.003	12
				57722	80.0	83.0	3.0		T	.01	T	12
				57723	83.0	86.0	3.0	380	.29	.02	T	14
				57724	86.0	92.0	6.0		.01	.02	.002	20
				57725	92.0	95.0	3.0	600	T	.02	T	12
				57726	95.0	98.0	3.0		T	.01	.012	45
				57727	98.0	101.0	3.0	490	.01	.02	.033	56
				57728	101.0	104.0	3.0		.01	.01	.008	78
				57729	104.0	107.0	3.0	530	.01	.01	.012	95
		Chalcopyrite has been locally identified as f/g disseminations - minor. Noted @ 25.8 & 36.5.		57730	107.0	110.0	3.0		.01	.01	.008	96
				57731	110.0	113.0	3.0	840	T	.03	.015	60
				#57697:	3.0m	Ground Core;	#57698:	0.7m	Ground Core;			
				#57705:	0.7m	Ground Core;	#57724:	3.4m	Ground Core			







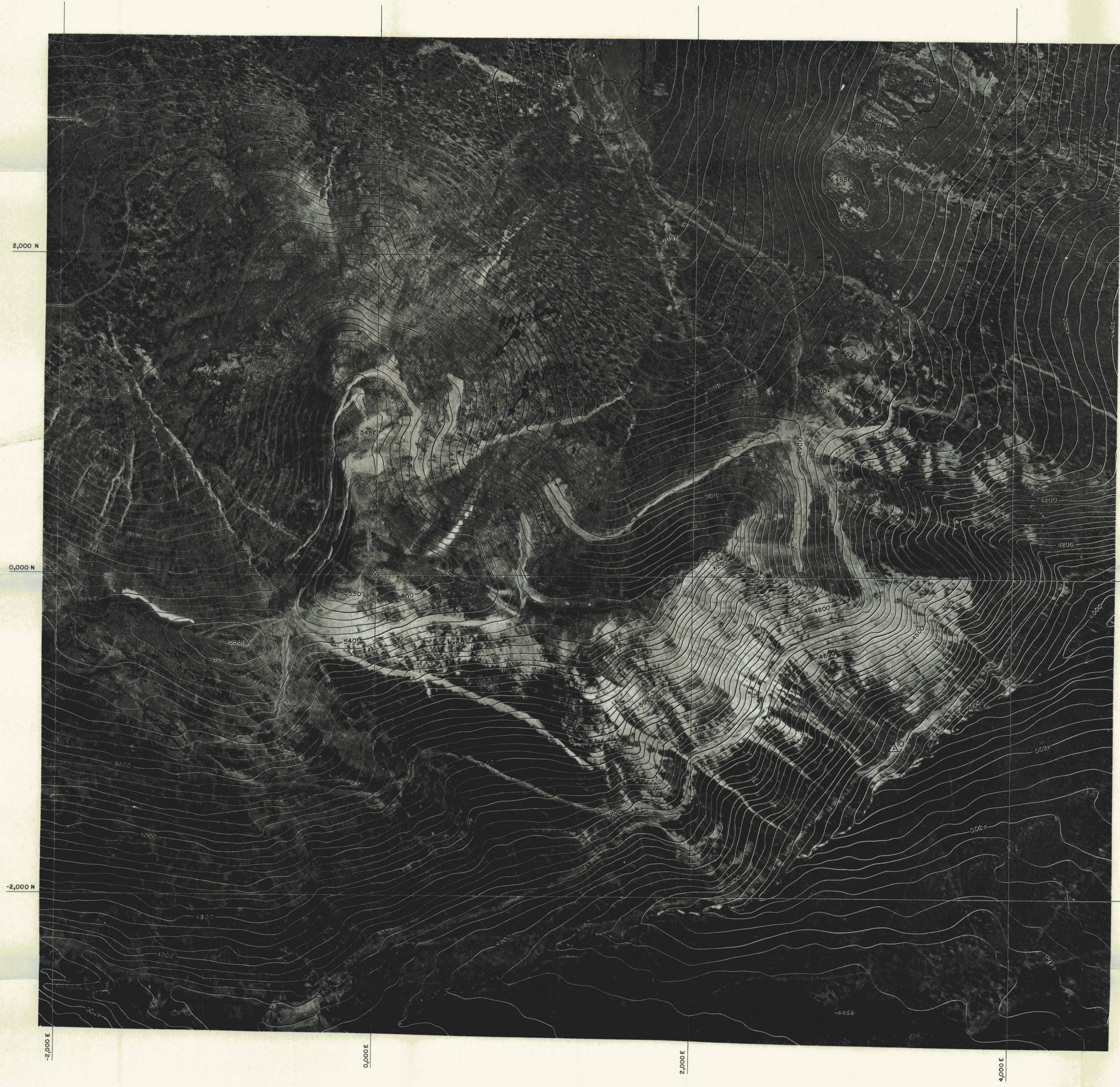








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**BOSWELL RIVER MINES LTD.**  
**AMOCO CANADA PETROLEUM**  
**COMPANY LTD.**  
 MINING DIVISION

**SCALE**

400 0 400 800 1200

1 INCH = 400 FEET

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NORTH WEST SURVEY CORPORATION (YUKON) LTD.		
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