



Government of Canada

Gouvernement du Canada

# MEMORANDUM

# NOTE DE SERVICE

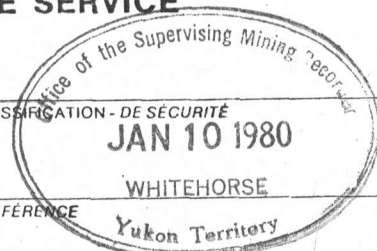
CONFIDENTIAL

TO  
À

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse



SECURITY - CLASSIFICATION - DE SÉCURITÉ
JAN 10 1980
OUR FILE - N/RÉFÉRENCE
340-17-6
YOUR FILE - V/RÉFÉRENCE
DATE
9/01/80

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs and support data submitted as assessment work.

105-D-11 WHITEHORSE COPPER MINES LTD EMIDELL 15  
 BILL 1  
 SNELL 3

Certificates of Work will be forwarded when completed.

B.E. Sias

C.C. Geology Section  
Attn: M. Marchand

091126

105-D-11

BILL I

76770

HILLCREST AREA

JUNE 1979

WHITENORSE COPPER MINES LTD

1 HOLE - 729 FT.

105-D-11

EMIDELL 15

91880

MACRAE AREA

JUNE 1979

WHITENORSE COPPER MINES LIMITED

1 HOLE - 582 FT.

105-D-11

SPALL 3

85069

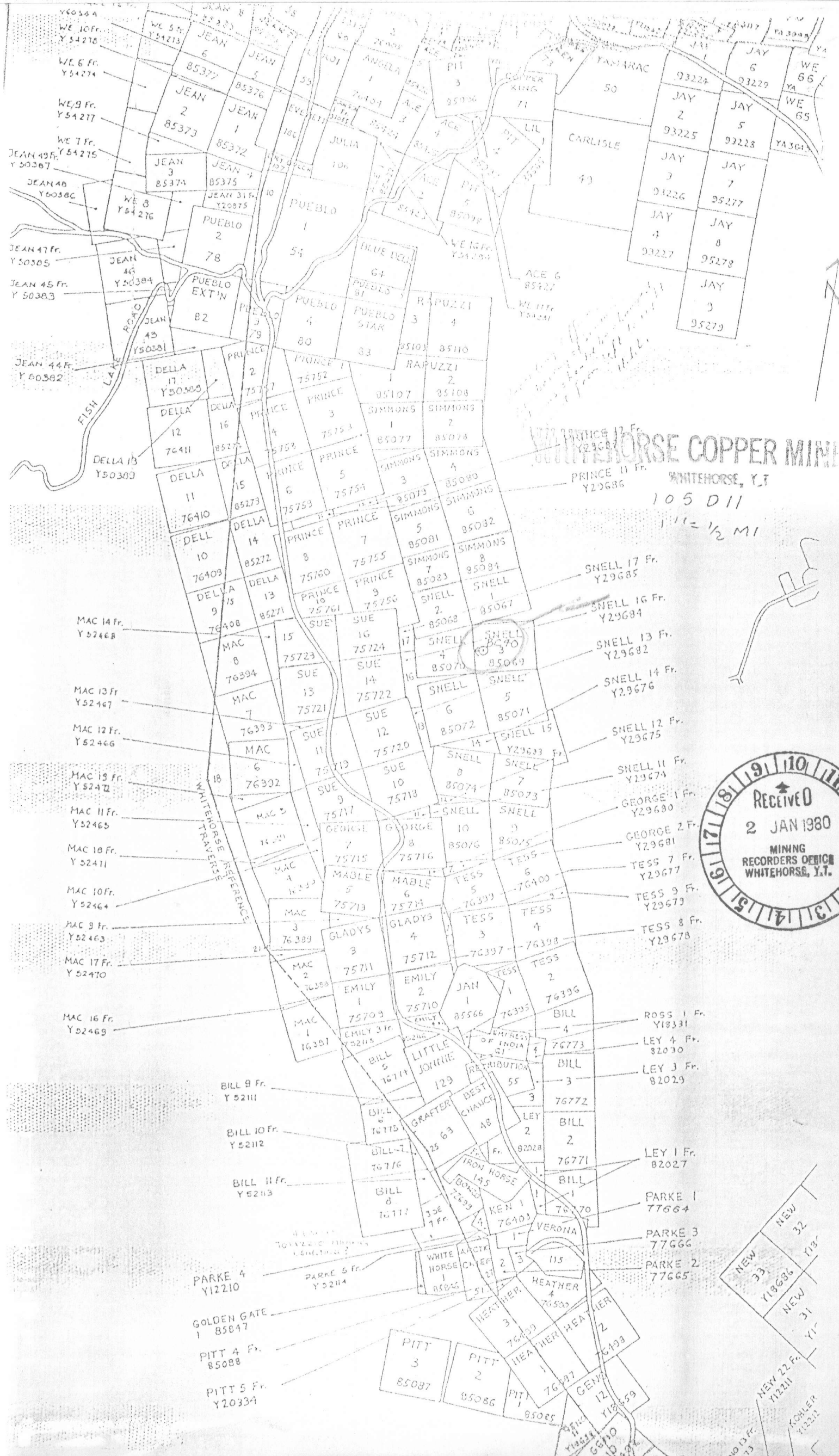
HILLCREST AREA

SEPT 1979

1 HOLE - 447 FT

WHITBHORSE COPPER MINES LTD





WHITEHORSE COPPER MINE  
 WHITEHORSE, Y.T.  
 105 D 11  
 1" = 1/2 MI

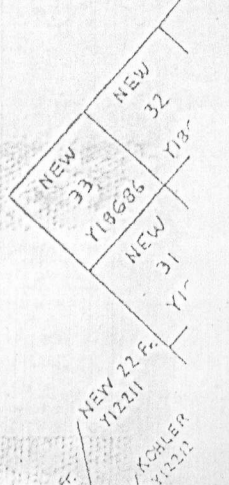


- WE 10 Fr. Y54278
- WE 6 Fr. Y54274
- WE 9 Fr. Y54277
- WE 7 Fr. Y54275
- JEAN 49 Fr. Y50387
- JEAN 48 Fr. Y60386
- JEAN 47 Fr. Y50385
- JEAN 45 Fr. Y50383
- JEAN 44 Fr. Y50382
- MAC 14 Fr. Y52468
- MAC 13 Fr. Y52467
- MAC 12 Fr. Y52466
- MAC 15 Fr. Y52472
- MAC 11 Fr. Y52465
- MAC 18 Fr. Y52471
- MAC 10 Fr. Y52464
- MAC 9 Fr. Y52463
- MAC 17 Fr. Y52470
- MAC 16 Fr. Y52469

- PRINCE 17 Fr. Y29687
- PRINCE 11 Fr. Y29686
- SNELL 17 Fr. Y29685
- SNELL 16 Fr. Y29684
- SNELL 13 Fr. Y29682
- SNELL 14 Fr. Y29676
- SNELL 12 Fr. Y29675
- SNELL 11 Fr. Y29674
- GEORGE 1 Fr. Y29680
- GEORGE 2 Fr. Y29681
- TESS 7 Fr. Y29677
- TESS 9 Fr. Y29679
- TESS 8 Fr. Y29678

- BILL 9 Fr. Y52111
- BILL 10 Fr. Y52112
- BILL 11 Fr. Y52113
- PARKE 4 Y12210
- GOLDEN GATE 1 85047
- PITT 4 Fr. 85088
- PITT 5 Fr. Y20334

- ROSS 1 Fr. Y18331
- LEY 4 Fr. 82030
- LEY 3 Fr. 82029
- LEY 1 Fr. 82027
- PARKE 1 77664
- PARKE 3 77666
- PARKE 2 77665





Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE  
YUKON TERRITORY

SURVEY (NIM) 60718.17 E

NO CORE ASSAYED

PROPERTY <u>ARCTIC CHIEF</u>	Claim No. _____	Strike <u>Az 56° 34'</u>	DC SOUTH GRID } Lot. <u>2825 S</u>	Hole No. <u>AC99</u>
Date <u>21/7/79</u> 19____	Section No. <u>2825 S</u>	Dip <u>-55°</u>	Dep. <u>7+88E</u>	Total Depth <u>729'</u>
Logged By <u>A. HUREAU</u>	Plan No. _____	Level <u>Surface</u>	Elev. <u>2728.4</u>	Page No. <u>1 OF 7</u>

FOOTAGE		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION		ASSAY DATA							
From	To		TYPE	%	Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	46	05 boulders										
46	56.6	5 1/2 grey ls locally graphitic with py @ 53.2 3" bud 35 weakly magnetic c+s 40° serpd @ lower c+ bedding 40° pyritic	py	C1								
56.6	58.8	49 dark grey pyritic siltstone py in streaks & dissem +5% bedding 40° lower c+ 40°	py	B								
58.8	81.8	5 pale grey recrystallized ls loc vague bedding 40° rare spec mag from 78' few graphitic fract's with dissem	py	Tr								
	89	64.5 - 66.8 Ba alt'd diorite mafics alt'd to epidote + chlorite weakly sheared at lower c+s to										
	48	66.8 pale brown pyritic siltstone ser + bleached 67.4-67.7										

WHITEHORSE COPPER MINES	
PLOTTED 40' SECTIONS	INITIALS KZ
PLOTTED 40' ASSAY PLANS	/
PLOTTED 40' GEO. PLANS	/
ASSAYS CHECKED	/
GRADE CHECKED	/

WHITEHORSE COPPER MINES LTD.

P.O. BOX 4280  
YUKON TERRITORY

Hole No. AC44 Page No. 2

FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA						
From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag
81.8	102.5	5/35	grey ls with fract filling & buds blk serpentine with dissem py binding 10c 90° fract 0°-40° lower ct gradational									
102.5	136.5	35/5	grey green & black pyritic serp ls, locally weakly magnetic binding locally 40°-60° @ 101.5, thinly laminated, <sup>2mm</sup> contorted alternating laminae cat & serp. @ 101' brown soft non magnetic mineral replacing serpentine assay for Zn 101-102 130-132 black weakly magnetic serpentine sharn core broken @ 136.									
136.5	157	3	edges/8a, limy sharn locally with dioritic tect, vuggy broken, locally rusted on fract 155'									
157	196	8/8a	generally fresh hblc qtz diorite, minor altu of mafics to chl, local bleaching of feldspars, occ serp fract, & incl dioritized sed 8a/13e broken, rusted on some fract minor	mal	TV							
			mal - ... 20 12.0 197 2	Cuprite	TV							









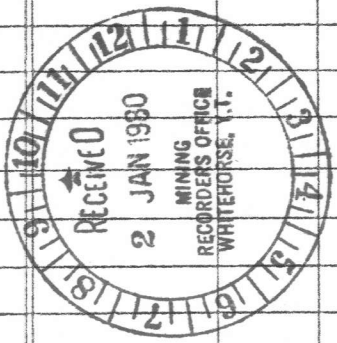


Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE  
YUKON TERRITORY

PROPERTY <u>Best Chance (North Grid)</u>	Claim No. <u>Snell H3</u>	Strike <u>W (241°31'35")</u>	Lot. <u>9180 S</u>	Hole No. <u>B.C. 40</u>
Date <u>13/12/1979</u>	Section No. _____	Dip <u>-80°</u>	Dep. <u>3350 E</u>	Total Depth <u>447</u>
Logged By <u>A. HURIEAU</u>	Plan No. _____	Level <u>Surface</u>	Elev. <u>± 2565'</u>	Page No. <u>1</u>

FOOTAGE			ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	100	ob	boulders										
100	111	ob	conglomeratic 10% rock fragments in calcareous silt					90%					
111	117	ob	sand					93%					
117	188	ob	silt					90%					
188	212	ob	silt-sand					80%					
212	234.5	ob	silt vague bedding 90°					90%					
234.5	336	10	Brown - black compact to very vesicular myles canyon basalt, vesicles locally filled or lined with Ca					95%					
336	397	ob	conglomeratic overburden rock fragments (15%) in rusty sand. Fragments to 2" angular or rounded					90%					





Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE  
YUKON TERRITORY

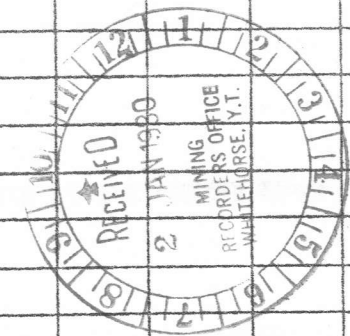
No core assayed 09/12/6

PROPERTY <u>NORTH STAR</u>	Claim No. <u>EMide 115</u>	Strike <u>217°45' CW</u>	Lot. <u>38345</u>	Hole No. <u>N 55</u>
Date <u>2/1/79</u>	Section No. <u>38505</u>	Dip <u>-70°</u>	Dep. <u>130W</u>	Total Depth <u>582'</u>
Logged By <u>A. HUREAU</u>	Plan No. _____	Level <u>SURFACE</u>	Elev. <u>2712'</u>	Page No. <u>1 of 5</u>

FOOTAGE			ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	23	0b											
23	42	8a/9g	ehedral to rounded Felds grains to 5mm with hble x tals (few) to 3mm in finer grained quartz, bio Felds groundmass, probably dioritized sed cut by few K felds veinlets to 1.5cm, dissem & streaks py + uvout	Py	1								
42	76.7	9g	graded coarse grained grains to 3mm qtz with sects bedded siltstone (40°) pyritic + uvout, cut by occ veinlet qtz diorite, bleds py toward lower pale green dyke 50.8 to 53'	Py	1								
76.7	116.5	9ab	pale-med green dyke felds kno crystals ehedral to anhedral to 1cm ± 3% alt to epidote; in green matrix, num Ca filled fractis, good coning broken at contacts										

WHITEHORSE COPPER MINES

PLOTTED 40' SECTIONS	INITIALS
PLOTTED 40' ASSAY PLANS	✓
PLOTTED 40' GEO. PLANS	✓
ASSAYS CHECKED	✓
GRADE CHECKED	✓











# 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:  
XXXXXX 420 HODGKINS STREET  
VANCOUVER B.C. V6C 2A9  
XXXXXX PHONE 687-3501 XXXX

June 15, 1979

Invoice #-546

IN ACCOUNT WITH:

Whitehorse Copper Mines Ltd.,  
Box 4280,  
Whitehorse, Y. T.  
Y1A 3T3



Drilling Charges June 1 to 15, 1979:

Hole: KC-20/55/NQ

<u>Casing</u>				
40 - 42 = 2 ft.	@ \$17.50 per ft.	=	\$	35.00
<u>Coring</u>				
69 - 324 = 255 ft.	@ \$15.75 per ft.	=	\$4,016.25	\$ 4,051.25

Hole: NS-5/70/BQ

<u>Moving</u>				
40 man hrs.	@ \$14.50 per hr.	=	\$	580.00
<u>Waterline</u>				
2 man hrs.	@ \$14.50 per hr.	=	\$	29.00
<u>Testing</u>				
2 man hrs.	@ \$14.50 per hr.	=	\$	29.00
1 machine hr.	@ \$10.00 per hr.	=	\$	10.00
<u>Tractor Time</u>				
8 machine/man hrs.	@ \$44.50 per hr.	=	\$	356.00
<u>Casing</u>				
0 - 25 = 25 ft.	@ \$16.50 per hr.	=	\$	412.50
<u>Coring</u>				
23 - 500 = 477 ft.	@ \$14.00 per ft.=	=	\$6,678.00	
500 - 582 = 82 ft.	@ \$15.25 per ft.	=	\$1,250.50	\$7,928.50
				\$ 9,345.00

Hole: AC-44/55/BQ

<u>Moving</u>				
16 man hrs.	@ \$14.50 per hr.	=	\$	232.00
<u>Waterline</u>				
6 man hrs.	@ \$14.50 per hr.	=	\$	87.00
<u>Casing</u>				
0 - 16 = 16 ft.	@ \$17.50 per ft.	=	\$	280.00
0 - 48 = 48 ft.	@ \$16.50 per ft.	=	\$	792.00
<u>Coring</u>				
46 - 500 = 454 ft.	@ \$14.00 per ft.	=	\$6,356.00	
500 - 530 = 30 ft.	@ \$15.25 per ft.	=	\$	457.50
			\$6,813.50	\$ 8,204.50

Total Invoice \$21,600.75

# 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

XXXXXXXXXXXXXXXXXXXX  
VANCOUVER OFFICE:  
XXXXXXXXXXXXXXXXXXXX  
VANCOUVER ST. 100-9100  
XXXXXXXXXXXXXXXXXXXX  
PHONE 273-3333

June 15, 1979

Invoice #-546

IN ACCOUNT WITH:

Whitehorse Copper Mines Ltd.,  
Box 4280,  
Whitehorse, Y. T.  
Y1A 3T3

Drilling Charges June 1 to 15, 1979:

Hole: KC-20/55/NQ

<u>Casing</u>				
40 - 42 = 2 ft.	@ \$17.50 per ft.	=	\$ 35.00	
<u>Coring</u>				
69 - 324 = 255 ft.	@ \$15.75 per ft.	=	<u>\$4,016.25</u>	\$ 4,051.25

Hole: NS-5/70/BQ

<u>Moving</u>				
40 man hrs.	@ \$14.50 per hr.	=	\$ 580.00	
<u>Waterline</u>				
2 man hrs.	@ \$14.50 per hr.	=	\$ 29.00	
<u>Testing</u>				
2 man hrs.	@ \$14.50 per hr.	=	\$ 29.00	
1 machine hr.	@ \$10.00 per hr.	=	<u>\$ 10.00</u>	\$ 39.00
<u>Tractor Time</u>				
8 machine/man hrs.	@ \$44.50 per hr.	=	\$ 356.00	
<u>Casing</u>				
0 - 25 = 25 ft.	@ \$16.50 per hr.	=	\$ 412.50	
<u>Coring</u>				
23 - 500 = 477 ft.	@ \$14.00 per ft.	=	\$6,678.00	
500 - 582 = 82 ft.	@ \$15.25 per ft.	=	<u>\$1,250.50</u>	<u>\$7,928.50</u> \$ 9,345.00

Hole: AC-44/55/BQ

<u>Moving</u>				
16 man hrs.	@ \$14.50 per hr.	=	\$ 232.00	
<u>Waterline</u>				
6 man hrs.	@ \$14.50 per hr.	=	\$ 87.00	
<u>Casing</u>				
0 - 16 = 16 ft.	@ \$17.50 per ft.	=	\$ 280.00	
0 - 48 = 48 ft.	@ \$16.50 per ft.	=	<u>\$ 792.00</u>	\$1,072.00
<u>Coring</u>				
46 - 500 = 454 ft.	@ \$14.00 per ft.	=	\$6,356.00	
500 - 530 = 30 ft.	@ \$15.25 per ft.	=	<u>\$ 457.50</u>	<u>\$6,813.50</u> \$ 8,204.50

Total Invoice \$21,600.75

*Handwritten signature and scribbles at the bottom of the page.*

# 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:  
X 25 HOWE STREET X  
VANCOUVER, B.C. V6C 2A6 X  
PHONE 687-6634 X

October 19, 1979  
Invoice #-664

IN ACCOUNT WITH:

Whitehorse Copper Mines Ltd.  
P.O. Box 4280,  
Whitehorse, Y.T.  
Y1A 3T3

BC 40  
PA

W.C 1/80/BQ

Moving

Moving

55 man hrs.

@ \$14.50 per man hrs. = \$ 797.50

Reaming Cave

4 man hrs.

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

2 machine hrs.

@ \$10.00 per hr. = \$ 20.00 \$ 78.00

Quik Seal

6 man hrs.

@ \$14.50 per hr. = \$ 87.00

3 machine hrs.

@ \$10.00 per hr. = \$ 30.00 \$ 117.00

Truck Time

2 hrs.

@ \$30.00 per hr. = \$ 60.00

Cat Time

12.5 machine hrs.

@ \$44.50 per hr. = \$ 556.25

Reaming NW Casing

10 man hrs.

@ \$14.50 per hr. = \$145.00

5 machine hrs.

@ \$10.00 per hr. = \$ 50.00 \$ 195.00

Casing

0 - 108 ft.=108 ft.

@ \$16.50 per ft. = \$1,782.00

Coring

108 - 447 ft.= 339 ft. @ \$14.00 per ft.

= \$4,746.00 \$8,331.75

Total this Invoice:

\$8,331.75



1867/52  
WHITEHORSE COPPER MINES LTD.  
WHITEHORSE, Y.T.

# 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:  
34425 HOWE STREET  
VANCOUVER, B.C. V6C-2A9  
PHONE 687-4638

June 17, 1979

Invoice #-558

IN ACCOUNT WITH:

Whitehorse Copper Mines Ltd.,  
Box 4280,  
Whitehorse, Y. T.  
Y1A 3T3

Drilling Charges June 16 to 17, 1979:

Hole: AC-44/55/BQ

Testing

4 man hrs.	@ \$16.00 per hr.	= \$	64.00	
2 machine hrs.	@ \$11.00 per hr.	= \$	<u>22.00</u>	\$ 86.00

Coring

530 - 729 = 199 ft.	@ \$15.25 per ft.	=	<u>\$3,034.75</u>	<u>\$3,120.75</u>
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Total Invoice \$3,120.75

Total " #546 \$8,207.50  
AC 44

Total <sup>8</sup> 11324.25

sent  
27 / 6 / 79  
H