

MAP NO.: ASSESSMENT REPORT X
115 I 3 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092709
MINING DISTRICT: Whitehorse
TYPE OF WORK: Diamond Drilling

REPORT FILED UNDER: Archer Cathro & Associates (1981) Ltd.

DATE PERFORMED: 1 June - 30 June, 1988

DATE FILED: 15 March, 1989

LOCATION: LAT.: 61⁰ 28'N

AREA: Mount Nansen

LONG.: 139⁰ 32'W

VALUE \$: 51,000.00

CLAIM NAME & NO.: DD 1-48(YA59596-YA59643) DOME 1-86(73537-81850) JEFF 1-7(77798-77804)
HIW 1F-11F & 12-17(YA24813-YA23837 & YA23838-YA23843) JOANNE 1-6(74283-74288) LAURA 9(93454)
EEK 1-18(YA87210-YA87226) ICT 1-36(YA86699-YA86734) ONT 1-51(YA87167-YA92662)
TBR 1-8(YA86690-YA86697) ONE 1F(YA92921), assorted leases.

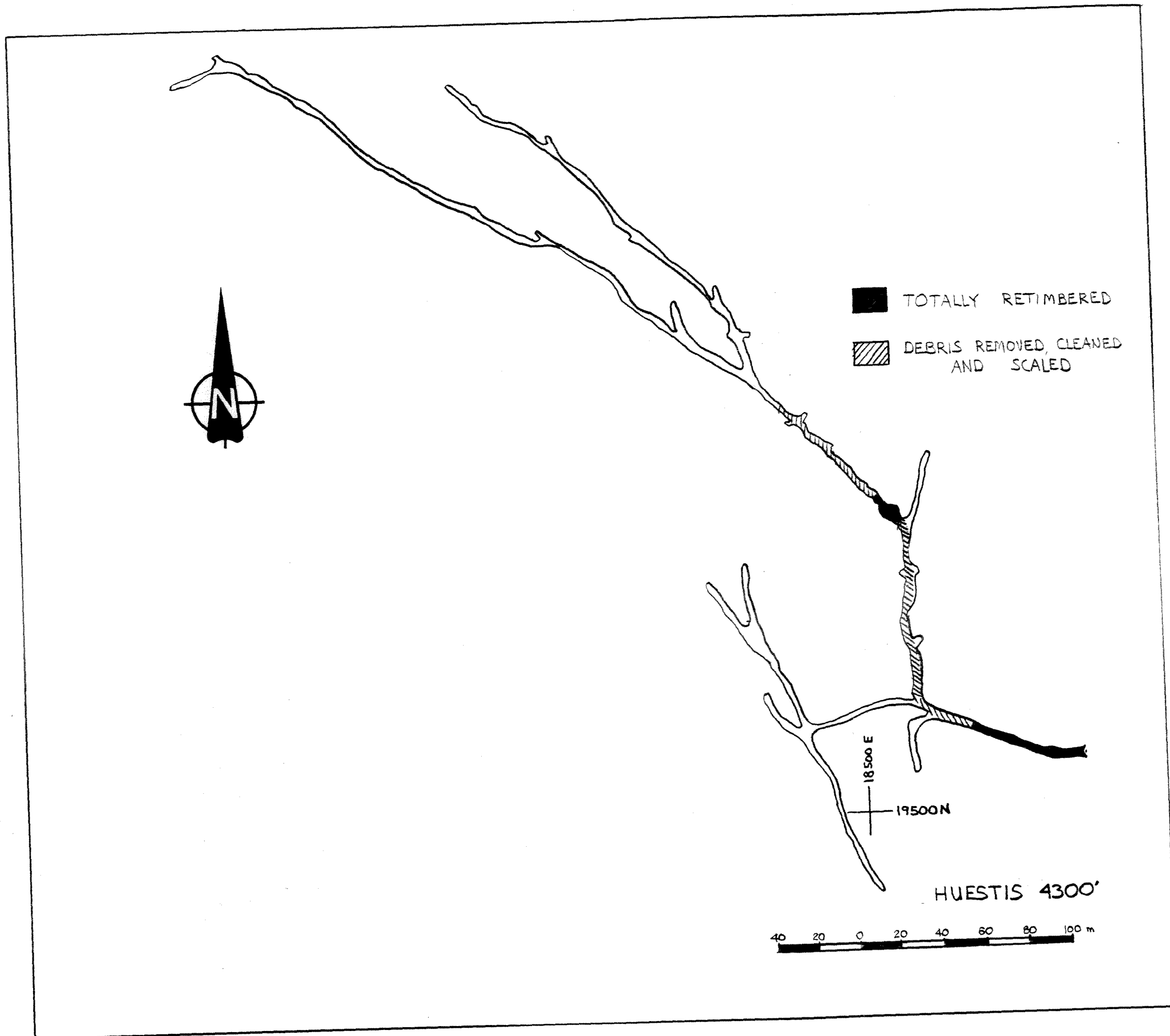
WORK DONE BY: Archer, Cathro & Associates (1981) Ltd.

WORK DONE FOR: BYG Natural Resources Ltd.

DATE TO GOOD STANDING:

REMARKS: #40 MT NANSEN

In 1988, 11 HQ holes totalling 340.4 m were drilled on the HUESTIS,
DICKSON and ORLOFF KING zones.



092709



1985 WORK
FILED FEB/86

87 WORK
JAN/88

88 WORK
DEC/88

CLAIM NAME	GRANT No	EXPIRY	EXPIRY	EXPIRY	EXPIRY	RECORDING DATE
DD 1	YA59596	✓ FEB 6/86	1 FEB 6/90	✓ 4 FEB 6/94	✓ 1 6 FEB/98	FEB 6/81
2	597	✓		✓		
3	598	✓		✓		
4	599	✓		✓		
5	600	✓		✓		
6	601	✓		✓		
7	602	✓		✓		
8	603	✓		✓		
9	604	✓		✓		
10	605	✓		✓		
11	606	✓		✓		
12	607	✓		✓		
13	608	✓		✓		
14	609	✓		✓		
15	610	✓		✓		
16	611	✓		✓		
17	612	✓		✓		
18	613	✓		✓		
19	614	✓		✓		
20	615	✓		✓		
21	616	✓		✓		
22	617	✓		✓		
23	618	✓		✓		
24	619	✓		✓		
25	620	✓		✓		
26	621	✓		✓		
27	622	✓		✓		
28	623	✓		✓		
29	624	✓		✓		
30	YA59625	✓ FEB 6/86	1 FEB 6/90	✓ 4 FEB 6/94	✓ 4 6 FEB/98	FEB 1/81

092709

CLAIM NAME	GRANT NO	EXPIRY	1985 WORK FILED JULY/85 EXPIRY	1985 WORK FILED JULY/85 EXPIRY	87 WORK JAN/88 EXPIRY	88 WORK DEC/88 EXPIRY	RECORDING DATE
DD 31	YA 59626 ✓	FEB 6/86		4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	FEB 6/81
32	627 ✓			✓	✓		
33	628 ✓			✓	✓		
34	629 ✓			✓	✓		
35	630 ✓			✓	✓		
36	631 ✓			✓	✓		
37	632 ✓			✓	✓		
38	633 ✓			✓	✓		
39	634 ✓			✓	✓		
40	635 ✓			✓	✓		
41	636 ✓			✓	✓		
42	637 ✓			✓	✓		
43	638 ✓			✓	✓		
44	639 ✓			✓	✓		
45	640 ✓			✓	✓		
46	641 ✓			✓	✓		
47	642 ✓			✓	✓		
48	YA 59643 ✓	FEB 6/86		4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	FEB 6/81
(DOME 1	73537 ✓	JUNE 13/86		3 1/4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	JUNE 13/58
2	538 ✓			✓	✓		
3	539 ✓			✓	✓		
4	540 ✓			✓	✓		
5	541 ✓			✓	✓		
6	542 ✓			✓	✓		
7	73543 ✓	JUNE 13/86		FEB 6/90 ✓	FEB 6/94 ✓	4 6 FEB/98	JUNE 13/58
8	73694 ✓	JULY 15/85	2 JULY 15/87 ✓	FEB 6/91 ✓	FEB 6/95 ✓	4 6 FEB/99	JULY 15/58
9	695 ✓		2 ✓	✓	✓		
10	696 ✓		2 ✓	✓	✓		

CLAIM NAME	GRANT No.	EXPIRY	1985 WORK FILED JULY 85 EXPIRY	1985 WORK FILED FEB 86 EXPIRY	1987 WORK JAN 88 EXPIRY	88 WORK DEC 88 EXPIRY	RECORDING DATE
DOME 12	73698 ✓	JULY 15/85	2 JULY 15/87 ✓	3 3/4 FEB 6/91 ✓	1 FEB 6/95 ✓	4 6 FEB/99	JULY 15/58
13	699 ✓		2 ✓	✓	✓		
14	700 ✓		2 ✓	✓	✓		
15	701 ✓		2 ✓	✓	✓		
16	702 ✓		2 ✓	✓	✓		
17	703 ✓		2 ✓	✓	✓		
18	704 ✓	JULY 15/85	2 JULY 15/87 ✓	3 3/4 FEB 6/91 ✓	FEB 6/95 ✓	6 FEB/99	
19	705 ✓	MAY 1/86		4 FEB 6/90 ✓	FEB 6/94 ✓	6 FEB/98	COMMON DATED
20	706 ✓	JULY 15/85	2 JULY 15/87 ✓	3 3/4 FEB 6/91 ✓	FEB 6/95 ✓	6 FEB/99	
21	707 ✓	JULY 15/85	2 JULY 15/87 ✓	1 FEB 6/91 ✓	FEB 6/95 ✓	6 FEB/99	
22	73708 ✓	JULY 15/85	2 JULY 15/87 ✓	3 3/4 FEB 6/91 ✓	4 FEB 6/95 ✓	4 6 FEB/99	

DOME 25	77746 ✓	MAY 8/86		3 3/4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	MAY 8/62
26	747 ✓			✓	✓		
27	748 ✓			✓	✓		
28	77749 ✓	MAY 8/86		3 3/4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	MAY 8/62

DOME 33	77754 ✓	MAY 8/86		3 3/4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	MAY 8/62
34	755 ✓			✓	✓		
35	756 ✓			✓	✓		
36	757 ✓			✓	✓		
37	758 ✓			✓	✓		
38	759 ✓			✓	✓		
39	760 ✓			✓	✓		
40	77761 ✓	MAY 8/86		3 3/4 FEB 6/90 ✓	4 FEB 6/94 ✓	4 6 FEB/98	MAY 8/62

CLAIM NAME	GRANT No	EXPIRY	1985 WORK FILED FEB/85	EXPIRY	87 WORK JAN/88	EXPIRY	88 WORK DEC/88	EXPIRY	RECORDING DATE
DOME 41	77762 ✓	MAY 8/86	3 ³ / ₄	FEB 6/90 ✓	4	FEB 6/94 ✓	✓	6 FEB/98	MAY 8/62
42	763 ✓		3 ³ / ₄				✓	6 FEB/98	
43	77764 ✓	MAY 8/86	3 ³ / ₄	FEB 6/90 ✓	4	FEB 6/94 ✓	✓	6 FEB/98	MAY 8/62

DOME 47	77768 ✓	MAY 8/86	3 ³ / ₄	FEB 6/90 ✓	4	FEB 6/94 ✓	✓	6 FEB/98	MAY 8/62
48	769 ✓						✓		
49	770 ✓						✓		
50	771 ✓						✓		
51	772 ✓						✓		
52	773 ✓						✓		
53	774 ✓						✓		
54	775 ✓						✓		
55	776 ✓						✓		
56	777 ✓						✓		
57	778 ✓						✓		
58	779 ✓						✓		
59	780 ✓						✓		
60	781 ✓						✓		
61	782 ✓						✓		
62	783 ✓						✓		
63	784 ✓						✓		
64	785 ✓						✓		
65	786 ✓						✓		
66	77787 ✓	MAY 8/86	3 ³ / ₄	FEB 6/90 ✓	4	FEB 6/94 ✓	✓	6 FEB/98	MAY 8/62

CLAIM NAME GRANT No. EXPIRY

85 WORK
JULY/85 &
SEPT/85
EXPIRY

1985 WORK
FILED FEB/86
EXPIRY

87 WORK
JAN/87
EXPIRY

88 WORK
DEC/88
EXPIRY

RECORDING DATE

CLAIM NAME	GRANT No.	EXPIRY	85 WORK JULY/85 & SEPT/85 EXPIRY	1985 WORK FILED FEB/86 EXPIRY	87 WORK JAN/87 EXPIRY	88 WORK DEC/88 EXPIRY	RECORDING DATE	
DOME TB	81842 ✓	SEPT 18/85	4	SEPT 18/89 ✓ 3 1/2	FEB 6/93 ✓ 4	FEB 6/97 ✓ 4	6 FEB/2001	SEPT 18/62
	79 843 ✓		4	✓	✓	✓		
	80 844 ✓		4	✓	✓	✓		
	81 845 ✓		4	✓	✓	✓		
	82 846 ✓		4	✓	✓	✓		
	83 847 ✓		4	✓	✓	✓		
	84 81848 ✓	SEPT 18/85	4	SEPT 18/89 ✓ 3 1/2	FEB 6/93 ✓ 4	FEB 6/97 ✓ 4	6 FEB/2001	SEPT 18/62
	86 81850 ✓	SEPT 18/85	4	SEPT 18/89 ✓ 3 1/2	FEB 6/93 ✓ 4	FEB 6/97 ✓ 4	6 FEB/2001	SEPT 18/62
HIW IF	YA24813 ✓	JULY 30/85	2	JULY 30/87 ✓ 3 3/4	FEB 6/91 ✓ 4	FEB 6/95 ✓ 4	6 FEB/99	JULY 30/79
	2F 814 ✓		2	JULY 30/87 ✓	✓	✓		
	3F 815 ✓		2	✓	✓	✓		
	4F 816 ✓		2	✓	✓	✓		
	5F 817 ✓		2	✓	✓	✓		
	6F 818 ✓		2	✓	✓	✓		
	7F 819 ✓		2	✓	✓	✓		
	8F YA24820 ✓	JULY 30/85	2	JULY 30/87 ✓ 3 3/4	FEB 6/91 ✓	FEB 6/95 ✓	6 FEB/99	JULY 30/79
	9 YA23835 ✓	OCT 27/85	4	OCT 27/89 ✓ 3 1/2	FEB 6/93 ✓	FEB 6/97 ✓	6 FEB/2001	OCT 27/78
	10F 836 ✓		4	OCT 27/89 ✓	✓	✓		
	11F 837 ✓		4	✓	✓	✓		
	12 838 ✓		4	✓	✓	✓		
	13 YA23839 ✓	OCT 27/85	4	OCT 27/89 ✓ 3 1/2	FEB 6/93 ✓ 4	FEB 6/97 ✓ 4	6 FEB/2001	OCT 27/78

CLAIM NAME	GRANT No.	EXPIRY	86 WORK		1985 WORK		87 WORK		88 WORK		RECORDING DATE
			JULY/85 2 SEPT/85 EXPIRY		FILED FEB/86 EXPIRY		JAN/88 EXPIRY	DEC/88 EXPIRY			
HIW 14	YA 23840 ✓	OCT 27/85	4	OCT 27/89 ✓	32	FEB 6/93 ✓	4	FEB 6/97 ✓	4	6 FEB/2001	OCT 27/78
15	841 ✓		4								
16	842 ✓		4								
17	YA 23843 ✓	OCT 27/85	4	OCT 27/89 ✓	32	FEB 6/93 ✓	4	FEB 6/97 ✓	4	6 FEB/2001	OCT 27/78
JEFF 1	77798 ✓	MAY 8/86			334	FEB 6/90 ✓	4	FEB 6/94 ✓	4	6 FEB/98	MAY 8/62
2	799 ✓										
3	800 ✓										
4	801 ✓										
5	77802 ✓	MAY 8/86			334	FEB 6/90 ✓	4	FEB 6/94 ✓	4	6 FEB/98	MAY 8/62
JEFF 7	77804 ✓	MAY 8/86			334	FEB 6/90 ✓	4	FEB 6/94 ✓	4	6 FEB/98	MAY 8/62
JOANNE 1	74283 ✓	JULY 28/85	2	JULY 28/87 ✓	334	FEB 6/91 ✓	4	FEB 6/95 ✓	4	6 FEB/99	JULY 28/59
2	284 ✓		2								
3	285 ✓		2								
4	286 ✓		2								
5	287 ✓		2								
6	74288 ✓	JULY 28/85	2	JULY 28/87 ✓	334	FEB 6/91 ✓	4	FEB 6/95 ✓	4	6 FEB/99	JULY 28/59

CLAIM NAME	GRANT No.	EXPIRY	LOT No.	GROUP No.	YQM LEASE No.	
ROSE	4241 ✓	OCT 9/98 ✓	53 ✓	903 ✓	2491	APRIL/43
OLD TIMER ✓	4242 ✓	OCT 23/93 ✓	52 ✓	903	2094	APRIL/43
GOLDEN EAGLE ✓	4278 ✓	OCT 9/98 ✓	54 ✓	903 ✓	2492	APRIL/40
WAR EAGLE	4279 ✓	OCT 9/98 ✓	55 ✓	903 ✓	2493 ✓	JULY/35
GLOUSER ✓	4324 ✓	OCT 23/93 ✓	56 ✓	903	2099 ✓	AUG/44
BIG THING ✓	4329 ✓	OCT 23/93 ✓	57 ✓	903 ✓	2096 ✓	NOV/44
AMALEE ✓	4351 ✓	MAR 18/95 ✓	58 ✓	903 ✓	2174 ✓	JAN/45

CLAIM NAME	GRANT No	EXPIRY		GROUP No	YQM LEASE No	RECORDING DATE
		21 YR LEASE	LOT No.			
SHAMROCK	4354 ✓	OCT 9/98 ✓	59 ✓	903 ✓	2494 ✓	FEB/45
NANSEN ✓	4359 ✓	OCT 9/98 ✓	61 ✓	903 ✓	2495 ✓	MAY/45
BUSTER ✓	4360 ✓	OCT 23/93 ✓	62 ✓	903 ✓	2098 ✓	MAY/45
SPOT ✓	4361 ✓	OCT 9/98 ✓	60 ✓	903 ✓	2496 ✓	MAY/45
CLARENCE ✓	4363 ✓	OCT 9/98 ✓	67 ✓	903 ✓	2497 ✓	MAY/45
REX ✓	4366 ✓	OCT 23/93 ✓	65 ✓	903 ✓	2097 ✓	MAY/45
SENOBITA ✓	4367 ✓	MAR 18/95 ✓	66 ✓	903 ✓	2178 ✓	MAY/45
ARLEP ✓	4368 ✓	OCT 9/98 ✓	70 ✓	903 ✓	2498 ✓	JUNE/45
PHYLLIS ✓	4369 ✓	OCT 9/98 ✓	69 ✓	903 ✓	2499 ✓	JUNE/45
LUCKY THING ✓	4372 ✓	OCT 9/98 ✓	68 ✓	903 ✓	2500 ✓	JUNE/45
BLUEBELL ✓	39191 ✓	OCT 9/98 ✓	51 ✓	903 ✓	2501 ✓	JULY/40
QUEEN ✓	55620 ✓	MAR 18/95 ✓	78 ✓	903 ✓	2177 ✓	NOV/45
LEROT ✓	55621 ✓	MAR 18/95 ✓	80 ✓	903 ✓	2173 ✓	NOV/45
DUKE ✓	55625 ✓	MAR 18/95 ✓	79 ✓	903 ✓	2176 ✓	NOV/45
RUB ✓	55633 ✓	OCT 9/98 ✓	84 ✓	903 ✓	2502 ✓	DEC/45
TUB ✓	55634 ✓	OCT 23/93 ✓	82 ✓	903 ✓	2095 ✓	DEC/45
PUB ✓	55663 ✓	OCT 9/98 ✓	87 ✓	903 ✓	2503 ✓	JAN/46
SUNDOG ✓	55665 ✓	OCT 9/98 ✓	88 ✓	903 ✓	2504 ✓	JAN/46
CUB ✓	55666 ✓	OCT 9/98 ✓	86 ✓	903 ✓	2505 ✓	JAN/46
BUCK ✓	55667 ✓	OCT 23/93 ✓	89 ✓	903 ✓	2100 ✓	JAN/46
HOPE ✓	55795 ✓	MAR 18/95 ✓	92 ✓	903 ✓	2175 ✓	MAY/46
JAM ✓	55890 ✓	OCT 9/98 ✓	96 ✓	903 ✓	2506 ✓	OCT/46
PAM ✓	55892 ✓	OCT 9/98 ✓	95 ✓	903 ✓	2507 ✓	OCT/46

CLAIM NAME	GRANT No	EXPIRY	P-I-L	EXPIRY	RECORDING DATE
* LAURA 9	93454	MAY 1/86	P-I-L 4/95	FEB 6/90 ✓ + 6 FEB/94	NOV 1/65

* CLAIM IS SHOWN AS LOCATED IN THE CENTRE OF THE LEASED COULTER CLAIMS ON DISCOVERY CREEK

NCMI

NTS 1151/5
1985 WORK
FIELD FEB/86

87 WORK
JAN/88

88 WORK
DEC/88

1985 WORK

1985 WORK

<u>NAME</u>	<u>GRANT</u>	<u>EXPIRY</u>	<u>EXPIRY</u>	<u>EXPIRY</u>	<u>EXPIRY</u>	<u>DATE RECORDED</u>
EEK 1	YA87210	JUNE 19/86	FEB 6/91	FEB 6/95	FEB 6/99	JUNE 19/85
2	211					
3	212					
4	213					
5	214					
6	215					
7	216					
8	217					
9	218					
10	219					
11	220					
12	221					
13	222					
14	223					
15	224					
16	225					
17	226					
18	YA87227	JUNE 19/86	FEB 6/91	FEB 6/95	FEB 6/99	JUNE 19/85

NCMI:-

NTS
1985 WORK
FILED FEB/86

115I/3

WHITEHORSE MD.

87 WORK
JAN/88

88 WORK
DEC/88

MAY 17 1985

NAME	GRANT	EXPIRY	EXPIRY	EXPIRY	EXPIRY	RECORDING DATE
ICT 1	YA86699	MAY 17/86	4 3/4 FEB 6/91	✓ 1 FEB 6/95	✓ 4 6 FEB/99	MAY 17/85
2	700			✓	✓	
3	701			✓	✓	
4	702			✓	✓	
5	703			✓	✓	
6	704			✓	✓	
7	705			✓	✓	
8	706			✓	✓	
9	707			✓	✓	
10	708			✓	✓	
11	709			✓	✓	
12	710			✓	✓	
13	711			✓	✓	
14	712			✓	✓	
15	713			✓	✓	
16	714			✓	✓	
17	715			✓	✓	
18	716			✓	✓	
19	717			✓	✓	
20	718			✓	✓	
21	719			✓	✓	
22	720			✓	✓	
23	721			✓	✓	
24	722			✓	✓	
25	723			✓	✓	
26	724			✓	✓	
27	725			✓	✓	
28	726			✓	✓	
29	YA86727	MAY 17/86	4 3/4 FEB 6/91	✓ 4 FEB 6/95	✓ 4 6 FEB/99	MAY 17/85

RECORDING DATE
MAY 17/85

NAME	GRANT	EXPIRY	1985 WORK FILED FEB/86 EXPIRY	87 WORK JAN/88 EXPIRY	88 WORK DEC/88 EXPIRY
ICT 30	YA 86728	MAY 17/86	FEB 6/91 ✓ 4	FEB 6/95 ✓ 4	6 FEB/99
31	729		✓	✓	
32	730		✓	✓	
33	731		✓	✓	
34	732		✓	✓	
35	733		✓	✓	
36	YA 86734	MAY 17/86	FEB 6/91 ✓ 4	FEB 6/95 ✓ 4	6 FEB/99

MAY 17/85

NCMI

NTS 11SI/3
1985 WORK FILED
FEB/86 EXPIRY

87 WORK
JAN/88
EXPIRY

88 WORK
DEC/88
EXPIRY

NANSEN PROJECT ONT 1-51

Pc 1/2

<u>NAME</u>	<u>GRANT</u>	<u>EXPIRY</u>					<u>DATE RECORDED</u>					
ONT 1	YA87167	JUNE 19/86	4 ^{3/4}	FEB 6/91	✓	4	FEB 6/95	✓	4	6 FEB/99		JUNE 19/85
2	168				✓			✓				
3	169				✓			✓				
4	170				✓			✓				
5	171				✓			✓				
6	172				✓			✓				
7	173				✓			✓				
8	174				✓			✓				
9	175				✓			✓				
10	176				✓			✓				
11	177				✓			✓				
12	178				✓			✓				
13	179				✓			✓				
14	180				✓			✓				
15	181				✓			✓				
16	182				✓			✓				
17	183				✓			✓				
18	184				✓			✓				
19	185				✓			✓				
20	186				✓			✓				
21	187				✓			✓				
22	188				✓			✓				
23	189				✓			✓				
24	190				✓			✓				
25	191				✓			✓				
26	192				✓			✓				
27	193				✓			✓				
28	194				✓			✓				
29	YA87195	JUNE 19/86	4 ^{3/4}	FEB 6/91	✓	4	FEB 6/95	✓	4	6 FEB/99		JUNE 19/85

<u>NAME</u>	<u>GRANT</u>	<u>EXPIRY</u>		1985 WORK FILED FEB/86 <u>EXPIRY</u>		87 WORK JAN/88 <u>EXPIRY</u>		88 WORK DEC/88 <u>EXPIRY</u>	<u>DATE RECORDED</u>
ONT 36	YA 87196	JUNE 19/86	4 ^{3/4}	FEB 6/91	✓	4 FEB 6/95	✓	4 6 FEB/99	JUNE 19/85
31	197				✓		✓		
32	198				✓		✓		
33	199				✓		✓		
34	200				✓		✓		
35	201				✓		✓		
36	202				✓		✓		
37	203				✓		✓		
38	204				✓		✓		
39	205				✓		✓		
40	206				✓		✓		
41	207				✓		✓		
42	208				✓		✓		
43	YA 87209	JUNE 19/86			✓		✓		JUNE 19/85
44	YA 92655	JULY 10/86			✓		✓		JULY 10/85
45	656				✓		✓		
46	657				✓		✓		
47	658				✓		✓		
48	659				✓		✓		
49	660				✓		✓		
50	661				✓		✓		
51	YA 92662	JULY 10/86	4 ^{3/4}	FEB 6/91	✓	4 FEB 6/95	✓	4 6 FEB/99	JULY 10/85

NCHM

NTS 115I/3
1785 WORK
FILED FEB/86

87 WORK
JAN/88

WHITEHORSE MINING DISTRICT

88 WORK
DEC/88

NAASSEN PROJECT TBR 1-8 164

NAME

GRANT

EXPIRY

EXPIRY

EXPIRY

EXPIRY

DATE RECORDED

TBR 1

YA 86690

MAY 17/86 4³/₄

FEB 6/91 ✓ 4

FEB 6/95 ✓ 4

6 FEB/99

17 MAY/85

2

691

✓

✓

3

692

✓

✓

4

693

✓

✓

5

694

✓

✓

6

695

✓

✓

7

696

✓

✓

8

YA 86697

MAY 17/86 4³/₄

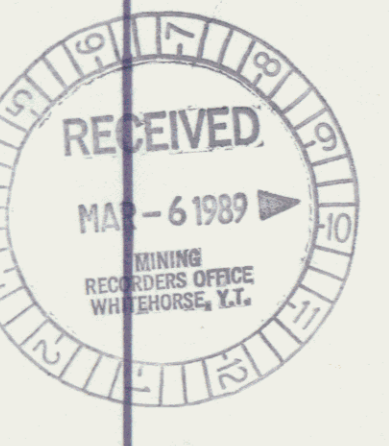
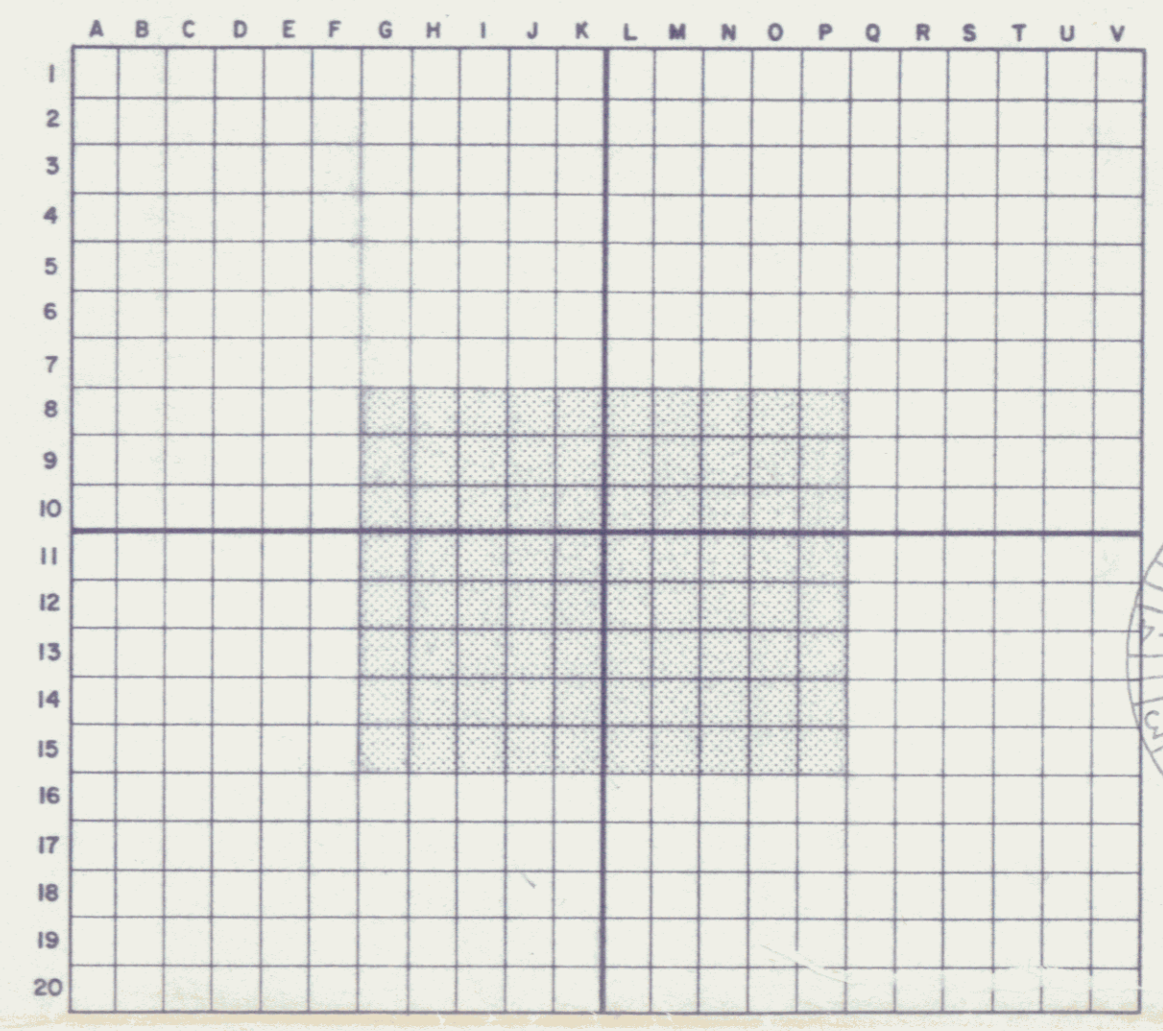
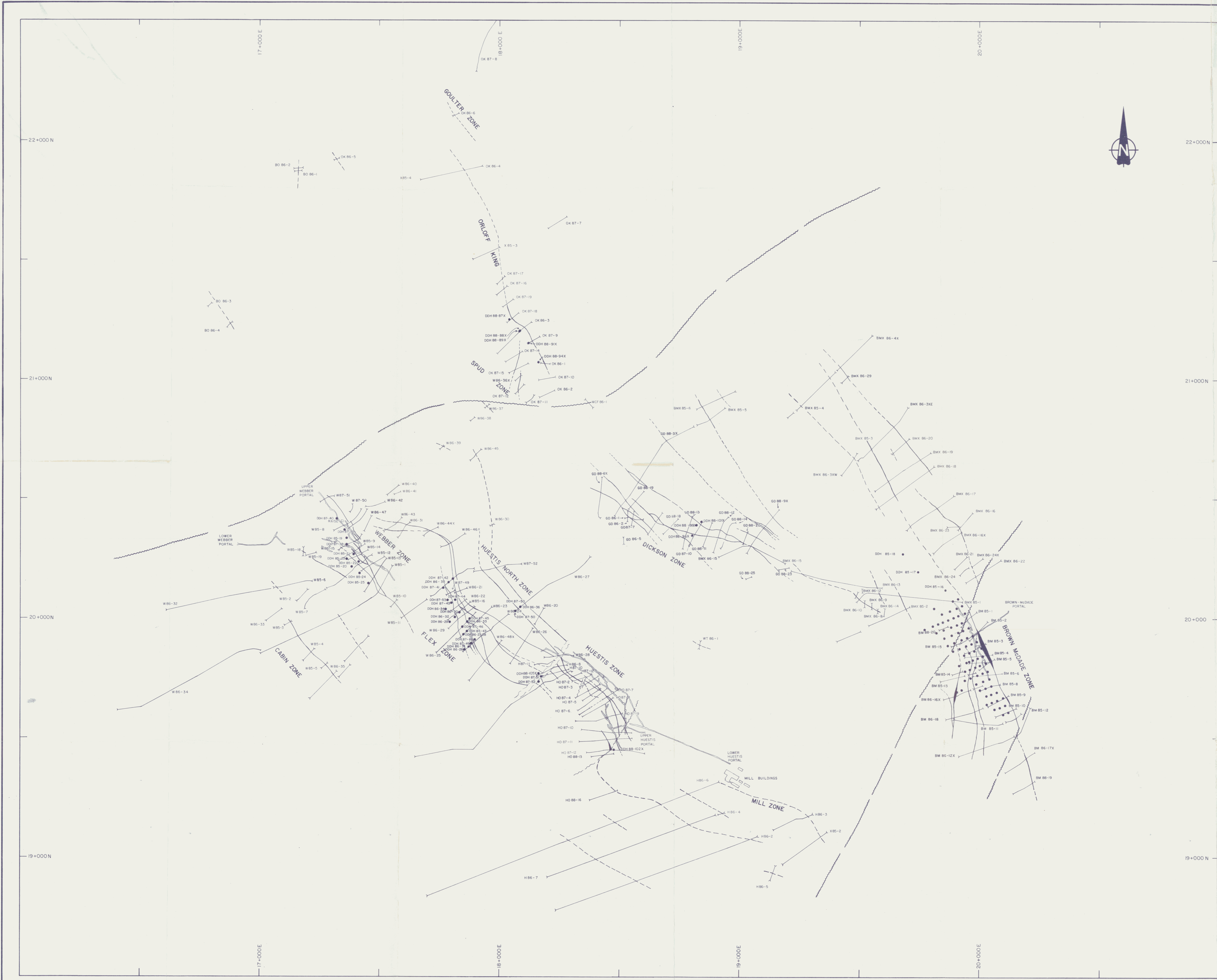
FEB 6/91 ✓ 4

FEB 6/95 ✓ 4

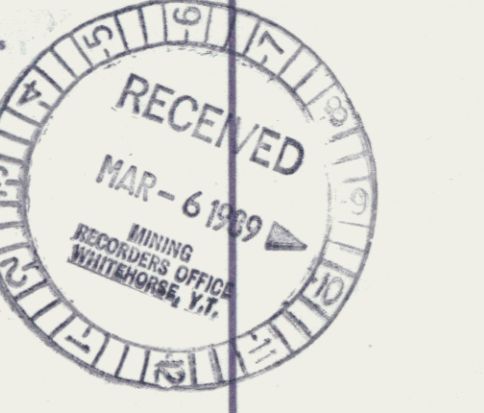
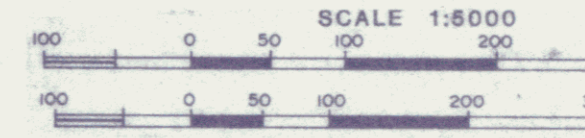
6 FEB/99

17 MAY/85

<u>NAME</u>	<u>GRANT</u>	<u>EXPIRY</u>	<u>1985 WORK FILED FEB/86</u>	<u>EXPIRY</u>	<u>87 WORK JAN/88</u>	<u>EXPIRY</u>	<u>88 WORK DEC/88</u>	<u>EXPIRY</u>	<u>RECORDING DATE</u>
ONE-1F	YA92921	AUG 5/86 4 ³⁴	FEB 6/91 ✓ 4	FEB 6/95 ✓ 4	FEB 6/99				AUG 5/85



- Bulldozer and/or excavator trench
- Diamond drill hole
- ~ Crossfault
- - - Vein fault

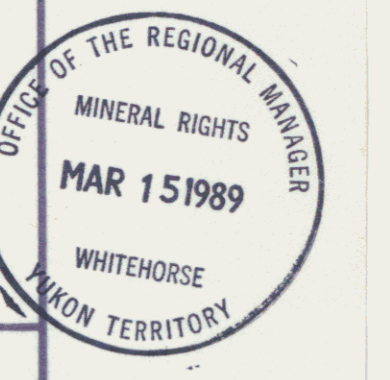


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**TRENCH & DRILL HOLE
LOCATION MAP**
MT. NANSEN PROPERTY

FIGURE No. V-1	PROJECT NANSEN
DATE: DEC /86	REVISIONS: DEC /87
NTS No. 115 I-3	DEC /88
SCALE: 1:5000	FIG. 2
COMPILED BY: ARCHER, CATRO & ASSOCIATES (1983) LIMITED	

092709



By agreement signed March 1988.

092709

CHEVRON MINERALS LTD./BYG NATURAL RESOURCES INC.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NANSEN PROJECT

HOLE No. 88-87 X	TARGET ORLOFF - KING	SECTION LINE	STARTED: JUNE 11 FINISHED: JUNE 12
COORDINATES NORTHING: 21265.52 EASTING: 18053.17	AZIMUTH: 56° 00' ELEVATION: 1486.92 m	DIP-COLLAR: -50.0° ACID DIP TEST: -49.5°	DEPTH: 24.4 m LOGGED BY: D. LISTER

ROCK TYPES

MODE

SYMBOLS



OVERBURDEN



FELDSPAR PORPHYRY



QUARTZ-FELDSPAR PORPHYRY



MT.NANSEN GROUP VOLCANIC FLOWS,
PYROCLASTICS & FEEDER DYKES



GRANODIORITE



QUARTZ-FELDSPAR-CHLORITE GNEISS



AMPHIBOLITE

- | | |
|-------------------------|---------------------|
| B - BLEBS | L - LAMINATIONS |
| C - COATINGS | M - MASSIVE |
| D - DISSEMINATIONS | O - SPOTS |
| E - ENVELOPES | P - PERVASIVE |
| J - INTERSTITIAL | Q - PATCHES |
| < - VEINLET > PERVASIVE | V - VEINLETS |
| > - PERVASIVE > VEINLET | # - BRECCIA FILLING |

- VEIN
- VEIN (<20 cm)
- FAULT
- FAULT GOUGE
- FRACTURES
- BREAK
- BRECCIA
- CRACKLE BRECCIA
- 60° \angle - ANGLE TO CORE AXIS
- $\approx \approx$ - SHEAR

AMOUNT

- | | | |
|-------------------|----------|----------|
| N - NIL | (- 0.1% | 3 - 30% |
| L - LOW TRACE | * - 0.3% | 4 - 40% |
| F - FAIR |) - 1% | 5 - 50% |
| M - MODERATE | + - 3% | 6 - 60% |
| A - ABOVE AVERAGE | = - 5% | 7 - 70% |
| H - HEAVY | - - 7% | 8 - 80% |
| | 1 - 10% | 9 - 90% |
| | 2 - 20% | X - 100% |

- D/S - DOWN SECTION
- AS - ARSENOPYRITE
- BO - BORNITE
- CP - CHALCOPYRITE
- GL - GALENA
- GY - GYPSUM
- HE - HEMATITE
- PY - PYRITE
- PYR - PYRRHOTITE
- QC - CHALCEDONY
- QV - QUARTZ VEINLET
- S - SULPHIDES
- SL - SPHALERITE
- SX - FINE-GRAINED SULPHIDES & SULFOSALTS

DEPTH (m)	VISUAL LOG	LITHOLOGY	ALTERATION										SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG			
			FACIES	CHLORITE	EPIDOTE	CALCITE	MONTMORILLITE	KAOLINITE	QTZ-SERICITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFOSALTS						LIMONITE	MANGANESE OXIDES	% OXIDATION
1.83		CASING - NO CORE RECOVERED																		
3.66		MOUNT NANSEN VOLCANICS	FRESH (SUPERGENE)																	
4.11		CLAY ALTERED, BLEACHED	KAOLINITE FACIES (SUPERGENE)				VL	PH						X	H	504886	3.66	0.67	0.002	0.03
4.11			PROPYLITIC FACIES (SUPERGENE)	PF	PL										H	504887	4.11	0.45	0.040	1.46
6.71		CLAY ALTERED, MINOR VUGS <1mm	KAOLINITE FACIES (SUPERGENE)												X	504888	6.71	1.22	0.003	0.03
7.10			PROPYLITIC FACIES	VL				DL							H	501802	7.10	0.39	0.016	0.47
7.10																504889	7.10	0.52	<0.001	0.09
10.20		SLIGHTLY BLEACHED, CROSS-CUT BY LIMONITE, MANGANESE, + GYPSUM INFILLED FRACTURES.	KAOLINITE FACIES						VM	PH						501803	10.20	0.44	0.003	0.18
11.20		BRECCIATED, QUARTZ-SERICITE ALTERATION	PHYLLIC FACIES (SUPERGENE)							PH				X		501804	11.20	0.30	0.001	0.17
12.30		BRECCIATED, SILICIFIED, VUGGY	SILICIC FACIES (SUPERGENE)						PM	PH				X		501805	12.30	0.38	0.065	0.66
13.00		VEIN ZONE - QUARTZ-SERICITE ALTERED, SCORADITE BLEBS, MINOR PYRITE + SULFOSALTS	SILICIC FACIES (TRANSITIONAL)				VL	PH	VH	VL	VL	N	N	9		501806	13.00	1.30	0.162	0.79
13.50		BLEACHED	ARGILLIC FACIES (TRANSITIONAL)				PH					PH		X		501807	13.50	1.22	0.094	2.25
14.30			KAOLINITE FACIES				PH					PH	VM	X		501808	14.30	1.28	0.006	0.09
14.80		SERICITE, MINOR SILICA, DISSEMINATIONS + BLEBS OF GALENA, PYRITE (<5%), CALCITE VEINLETS.	PHYLLIC FACIES (SUPERGENE)				<L	PH	PL	PL		VM	VM	8		504891	14.80	0.76	<0.001	0.01
16.10		SLIGHTLY ALTERED, ANGULAR FRACTURES @ 40° \angle .	PROPYLITIC FACIES	PM	<L							VL	VL		L	504892	16.10	0.76	<0.001	<0.01
24.38		END OF HOLE															24.38			

NANSEN PROJECT

HOLE No. 88-88X	TARGET ORLOFF - KING	SECTION LINE	STARTED: JUNE 13 FINISHED: JUNE 13
COORDINATES NORTHING: 21200.81 EASTING: 18078.88	AZIMUTH: 59° ELEVATION: 1480.54 m	DIP-COLLAR: -50° ACID DIP TEST: 49°	DEPTH: 54.9 m LOGGED BY: D.LISTER

ROCK TYPES

	OVERBURDEN
	FELDSPAR PORPHYRY
	QUARTZ-FELDSPAR PORPHYRY
	MT.NANSEN GROUP VOLCANIC FLOWS, PYROCLASTICS & FEEDER DYKES
	GRANODIORITE
	QUARTZ-FELDSPAR-CHLORITE GNEISS
	AMPHIBOLITE

MODE

B - BLEBS	L - LAMINATIONS
C - COATINGS	M - MASSIVE
D - DISSEMINATIONS	O - SPOTS
E - ENVELOPES	P - PERVASIVE
J - INTERSTITIAL	Q - PATCHES
< - VEINLET > PERVASIVE	V - VEINLETS
> - PERVASIVE > VEINLET	# - BRECCIA FILLING

SYMBOLS

	- VEIN
	- VEIN (<20cm)
	- FAULT
	- FAULT GOUGE
	- FRACTURES
	- BREAK
	- BRECCIA
	- CRACKLE BRECCIA
	60° * - ANGLE TO CORE AXIS
	≈ ≈ - SHEAR
D/S	- DOWN SECTION
AS	- ARSENOPYRITE
BO	- BORNITE
CP	- CHALCOPYRITE
GL	- GALENA
GY	- GYPSUM
HE	- HEMATITE
PY	- PYRITE
PYR	- PYRRHOTITE
QC	- CHALCEDONY
QV	- QUARTZ VEINLET
S	- SULPHIDES
SL	- SPHALERITE
SX	- FINE-GRAINED SULPHIDES & SULFOSALTS

AMOUNT

N - NIL	(- 0.1%	3 - 30%
L - LOW TRACE	* - 0.3%	4 - 40%
F - FAIR) - 1%	5 - 50%
M - MODERATE	+ - 3%	6 - 60%
A - ABOVE AVERAGE	= - 5%	7 - 70%
H - HEAVY	■ - 7%	8 - 80%
	1 - 10%	9 - 90%
	2 - 20%	X - 100%

ALTERATION

DEPTH (m)	VISUAL LOG	LITHOLOGY	FACIES	ALTERATION										SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG	
				CHLORITE	EPIDOTE	CALCITE	MONTMORILLONITE	KAOLINITE	QTZ-SERICITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFOSALTS	LIMONITE						MANGANESE OXIDES
2.44		CASING - NO CORE RECOVERED																	
3.3		MOUNT NANSEN VOLCANICS	PROPYLITIC FACIES (SUPERGENE)	PM	VL	PL						L	M	6		2.44			
4.5		RUBBLE	KAOLINITE FACIES (SUPERGENE)				PM					H	M	6	5 04210	70	0.57	< 0.001	< 0.01
7.3		MODERATE BREAK BLEACHED, MODERATELY HARD, SOFT D/S	PROPYLITIC FACIES (SUPERGENE)	PM	VL	PL						L	L	6		4.57			
9.4		BRECCIATED, HEAVY CLAY INFILL AND QUARTZ FRAGS	KAOLINITE FACIES (SUPERGENE)				PM					L	H	6	5 04211	74	1.21	< 0.001	< 0.01
10.4		MODERATE BREAK	KAOLINITE / QUARTZ-SERICITE / SILICIC (TRANSITIONAL)				VM	PL	PL			L		7	5 04212	80	0.61	< 0.001	0.01
11.0		MODERATE BREAK	KAOLINITE / QUARTZ-SERICITE ?												5 04213	94	1.53	< 0.001	0.04
11.9		BRECCIA, 40% QS ALTERED FRAGS, CLAY MATRIX	PROPYLITIC FACIES (SUPERGENE)	PH								L		A	5 04214	92	0.91	< 0.001	0.06
12.5		BRECCIA, 40% QUARTZ FRAGS + SILICA INFILL, SS+SK	KAOLINITE / QUARTZ-SERICITE				VH	PM				M	L	7	5 04215	11.58	0.41	< 0.001	0.03
13.5		SLIGHTLY CRACKLE-BRECCIATED	SILICIC / MINOR KAOLINITE				VL	PL	PM		P1	M	L	4	5 04216	93	0.51	0.078	0.96
15.0		BRECCIA, 70% QUARTZ FLOODED, 10% SS, 1% PY	QUARTZ-SERICITE (TRANSITIONAL)				PH					M	M	4	5 04217	13.26	0.76	0.129	2.92
15.6		BRECCIA, 90% QS ALTERED CLASTS, CLAY MATRIX	QUARTZ-SERICITE (SUPERGENE)	PL								L	L	8	5 04218	95	0.24	0.580	1.85
16.2		KAOLINITE GROUNDMASS, LOW QS	QUARTZ-SERICITE (TRANSITIONAL)				PL	PH	PH			M	L	5	5 04219	95	1.44	0.026	0.70
17.0		MODERATE BREAK 80%	SILICIC / MINOR KAOLINITE				VL	PL	PM		P1	M	L	4	5 04220	14.94	0.66	0.079	2.45
19.5		QUARTZ VEIN - 2CM, 70%	QUARTZ-SERICITE (SUPERGENE)	PL								M	L	8	5 04221	81	0.86	0.035	0.80
21.1		BLEACHED, CALCAREOUS	PROPYLITIC FACIES (TRANSITIONAL)	PM	VL	VM						M	L	5	5 04222	16.46	0.54	0.001	0.01
21.7		NON-CALCAREOUS	PROPYLITIC FACIES (TRANSITIONAL)	PM	VL	VM						M	L	5	5 04223	92	0.98	0.001	< 0.01
23.6		HEAVY CALCITE VEINING, 1-2mm, 0-40%	PROPYLITIC FACIES (TRANSITIONAL)	PM	VL	VM						M	L	5	5 04224	78	1.22	< 0.001	0.04
24.4		MODERATE BREAK 40%	KAOLINITE / QUARTZ-SERICITE / SILICIC (TRANSITIONAL)				PL	PM	PM			L	L	6	5 04225	19.51	0.51	< 0.001	< 0.01
26.7		MODERATE BREAK 40%	KAOLINITE FACIES (TRANSITIONAL)				PL	PM	PM			M	L	6	5 04226	87	0.24	0.001	0.01
28.6		MODERATE BREAK 40%	KAOLINITE FACIES (TRANSITIONAL)				PL	PM	PM			M	L	6	5 04227	20.42	0.62	0.001	< 0.01
29.2		PIROCLASTS -> SOFT WHITE CLAY MATRIX -> SLIGHTLY HARD	KAOLINITE FACIES (TRANSITIONAL)				PL	PM	PM			M	L	6	5 04228	48	0.92	0.001	< 0.01
31.0		WEAK VEIN, 50%, BLEBS OF PY+SS	PROPYLITIC FACIES (HYPOGENE)	PM	VM	VM						L		5	5 04229	98	1.52	0.001	< 0.01
31.3		SLIGHTLY BLEACHED	KAOLINITE FACIES ? (TRANSITIONAL)				PL	PM	PM			M	L	6	5 04230	22.86	0.66	< 0.001	< 0.01
32.3		WEAK VEIN, 80%, CALCITE VEINS w PYRITE	PROPYLITIC FACIES (TRANSITIONAL)	PM	VM	VM						L		4	5 04231	86	1.53	< 0.001	< 0.01
34.5		VEIN - SUPERGENE ALTERED, BLEBS OF PY, G1, G2	KAOLINITE / QUARTZ-SERICITE (TRANSITIONAL)				VM	PL	PL		P*	L		4	5 04232	25.91	0.92	0.001	< 0.01
35.0		END OF HOLE	PROPYLITIC / MONTMORILLONITE FACIES (TRANSITIONAL)	PM	VM	VM						L		2	5 04233	96	1.52	0.001	< 0.01
36.58			KAOLINITE / SILICIC FACIES (SUPERGENE)				VL	VL				M		4	5 04234	27.43	0.80	0.001	0.01
			KAOLINITE / SILICIC FACIES (SUPERGENE)				VL	VL				M		4	5 04235	33.53	0.73	< 0.001	< 0.01
			KAOLINITE / SILICIC FACIES (SUPERGENE)				VL	VL				M		4	5 04236	98	0.91	0.001	< 0.01
			KAOLINITE / SILICIC FACIES (SUPERGENE)				VL	VL				M		4	5 04237	34.44	0.46	0.001	0.01
			KAOLINITE / SILICIC FACIES (SUPERGENE)				VL	VL				M		4	5 04238	98	1.68	0.002	< 0.01

NANSEN PROJECT

HOLE No. 88-94X	TARGET ORLOFF-KING	SECTION LINE	STARTED: JUNE 15 FINISHED: JUNE 16
COORDINATES NORTHING: 21068.48 EASTING: 18163.19	AZIMUTH: 63° ELEVATION: 1493.74 m	DIP-COLLAR: -60° ACID DIP TEST: -	DEPTH: 24.7 m LOGGED BY: D. LISTER

ROCK TYPES	MODE	SYMBOLS
OVERBURDEN	B - BLEBS C - COATINGS D - DISSEMINATIONS E - ENVELOPES J - INTERSTITIAL < - VEINLET > PERVASIVE > - PERVASIVE > VEINLET	- VEIN - VEIN (<20cm) - FAULT - FAULT GOUGE - FRACTURES - BREAK - BRECCIA - CRACKLE BRECCIA 60° x - ANGLE TO CORE AXIS ≈ ≈ - SHEAR
FELDSPAR PORPHYRY	L - LAMINATIONS M - MASSIVE O - SPOTS P - PERVASIVE Q - PATCHES V - VEINLETS # - BRECCIA FILLING	D/S - DOWN SECTION AS - ARSENOPYRITE BO - BORNITE CP - CHALCOPYRITE GL - GALENA GY - GYPSUM HE - HEMATITE PY - PYRITE PYR - PYRRHOTITE QC - CHALCEDONY QV - QUARTZ VEINLET S - SULPHIDES SL - SPHALERITE SX - FINE-GRAINED SULPHIDES & SULFOSALTS
QUARTZ-FELDSPAR PORPHYRY		
MT. NANSEN GROUP VOLCANIC FLOWS, PYROCLASTICS & FEEDER DYKES		
GRANODIORITE		
QUARTZ-FELDSPAR-CHLORITE GNEISS		
AMPHIBOLITE		
AMOUNT		
N - NIL	(- 0.1%	3 - 30%
L - LOW TRACE	* - 0.3%	4 - 40%
F - FAIR) - 1%	5 - 50%
M - MODERATE	+ - 3%	6 - 60%
A - ABOVE AVERAGE	- - 5%	7 - 70%
H - HEAVY	■ - 7%	8 - 80%
	1 - 10%	9 - 90%
	2 - 20%	X - 100%

DEPTH (m)	VISUAL LOG	LITHOLOGY	ALTERATION												SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG
			FACIES	CHLORITE	EPIDOTE	CALCITE	MONTMORILLONITE	KAOLINITE	QTZ-SERICITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFOSALTS	LIMONITE	MANGANESE OXIDES					
		CASING - NO CORE RECOVERED																	
6.50		MT. NANSEN VOLCANICS CLAY ALTERED	MONTMORILLONITE FACIES (SUPERGENE)	PM	VL	N	VM	N	N	N	N	N	L	M	8	4501	4.88		
7.80		BLEACHED	KAOLINITE FACIES (SUPERGENE)	N	N	N	N	PH	N	N	N	N	L	M	8	S-04502	5.18	1.52	0.002 <0.01
9.10		BLEACHED	MONTMORILLONITE FACIES (SUPERGENE)	PL	N	N	VM	N	N	N	N	N	L	M	8	4503	6.10	0.91	0.002 <0.01
10.70		VEINING	KAOLINITE FACIES (SUPERGENE)	N	N	N	N	PH	N	N	N	N	L	L	8	4504	6.71	1.53	0.001 0.01
11.30		STRONGLY BLEACHED, STR. CLAY ALTERED	QUARTZ SERICITE (SUPERGENE)	N	N	N	N	PL	PH	N	N	N	L	L	8	4505	10.67	0.53	0.001 0.04
12.00		CLAY ALTERED	SILICIC (SUPERGENE)	N	N	N	N	PH	N	N	N	N	M	L	8	4506	98	0.99	0.001 0.04
12.50		QUARTZ VEIN	QUARTZ SERICITE (SUPERGENE)	N	N	N	N	VL	PM	N	N	N	M	L	9 A	4507	12.19	0.61	0.063 0.73
13.10		MT. NANSEN VOLCANICS GYPSUM-QUARTZ STRINGERS	KAOLINITE FACIES (SUPERGENE)	N	N	N	N	N	PH	PH	N	N	L	N	9 A	4508	74	0.30	0.311 0.30
15.10		GYPSUM QUARTZ STRINGERS	QUARTZ-SERICITE (SUPERGENE)	N	N	N	N	N	PH	VL	N	N	L	L	8	4509	18.72	0.62	0.015 0.21
16.30		QUARTZ VEIN GYPSUM	KAOLINITE FACIES (SUPERGENE)	N	N	N	N	PM	PL	VL	N	N	L	N	8	4510	76	1.52	0.008 0.15
16.90		MT. NANSEN VOLCANICS LIMONITE VEINS	QUARTZ SERICITE (TRANSITIONAL)	N	N	N	N	VL	PM	PL	N	N	L	M	8	4511	15.24	0.91	<0.001 <0.01
20.30		SHEAR/FAULT ZONE (LIMONITE CLAY ALTERATION)	QUARTZ SERICITE (TRANSITIONAL)	N	N	N	N	PL	PH	N	N	N	L	L	8	4512	16.15	0.75	<0.001 <0.01
21.40			SILICIC (SUPERGENE)	N	N	N	N	PL	PL	PM	N	N	M	N	7 H	4513	94	0.78	0.002 0.01
24.38		END OF HOLE	QUARTZ-SERICITE (SUPERGENE)	N	N	N	N	L	PH	N	N	N	L	M	8	4514	17.68	0.91	<0.001 <0.01
																4515	80	1.53	<0.001 <0.01
																4516	18.59	0.76	0.001 <0.01
																4517	72	0.76	0.001 <0.01
																4518	20.12	0.76	0.001 <0.01
																4519	20.88	0.76	0.001 <0.01
																	21.64		
																	85	1.53	<0.001 <0.01
																	23.17		
																	82	1.21	0.001 0.03
																	24.38		

NANSEN PROJECT

HOLE No. 88-102x	TARGET HUESTIS	SECTION LINE	STARTED: JUNE 18 FINISHED: JUNE 20
COORDINATES NORTHING: 19460.96 EASTING: 18457.88	AZIMUTH: 279° 00' ELEVATION: 1338.40 m	DIP-COLLAR: -50° ACID DIP TEST: -49.0°	DEPTH: 40.5 m LOGGED BY: D. LISTER

ROCK TYPES	MODE	SYMBOLS
OVERBURDEN	B - BLEBS C - COATINGS D - DISSEMINATIONS E - ENVELOPES J - INTERSTITIAL < - VEINLET > PERVASIVE > - PERVASIVE > VEINLET	- VEIN - VEIN (<20cm) - FAULT - FAULT GOUGE - FRACTURES - BREAK - BRECCIA - CRACKLE BRECCIA 60° - ANGLE TO CORE AXIS ≈ ≈ - SHEAR
FELDSPAR PORPHYRY	L - LAMINATIONS M - MASSIVE O - SPOTS P - PERVASIVE Q - PATCHES V - VEINLETS # - BRECCIA FILLING	
QUARTZ-FELDSPAR PORPHYRY		
MT.NANSEN GROUP VOLCANIC FLOWS, PYROCLASTICS & FEEDER DYKES		
GRANODIORITE		
QUARTZ-FELDSPAR-CHLORITE GNEISS		
AMPHIBOLITE		

DEPTH (m)	VISUAL LOG	LITHOLOGY	ALTERATION										SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG			
			FACIES	CHLORITE	EPIDOTE	CALCITE	MONTMORILLONITE	KAOLINITE	QTZ-SERCITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFOSALTS						LIMONITE	MANGANESE OXIDES	% OXIDATION
6.30	CASING NO CORE RECOVERED																			
6.30	OVERBURDEN	OVERBURDEN																		
6.30-7.50	QUARTZ FELDSPAR MICA GNEISS	QUARTZ FELDSPAR MICA GNEISS	SILICIC (TRANSITIONAL)	N	N	PL	N	PM	>M	N	N	N	N	N	7	5-4301	6-71	0-70	<0.001	<0.01
7.50	CLAY-ALTERED	CLAY-ALTERED	ARGILLIC (TRANSITIONAL)	N	N	PL	N	N	B2	N	DL	N	N	N	4302	7-92	0-50	<0.001	<0.01	
8.00			MONTMORILLONITE FACIES (TRANSITIONAL)	N	N	VL	N	N	N	N	N	N	VL	VL	N		67			
10.40			ARGILLIC/KAOLINITE FACIES (TRANSITIONAL)	N	N	VL	N	N	PM	VL	N	N	N	N	4303	50	1-18	<0.001	0.04	
11.50	CLAY GROUND ROCK - 40% QUARTZ SERICITE ALTERED	CLAY GROUND ROCK - 40% QUARTZ SERICITE ALTERED	KAOLINITE/ARGILLIC FACIES	N	N	N	N	N	VH	PM	N	N	N	N		90				
11.50			ARGILLIC/KAOLINITE FACIES (TRANSITIONAL)	N	N	VM	N	VL	PM	VL	N	N	VM	VM	4304	90	0-71	<0.001	<0.01	
15.20			MONTMORILLONITE FACIES (SUPERGENE)	N	N	PM	VH	N	N	N	N	N	N	N		62				
15.50	CLAY-ALTERED	CLAY-ALTERED	MONTMORILLONITE FACIES (SUPERGENE)	N	N	N	N	N	N	N	N	N	N	N		57				
16.70	MINOR CLAY ALTERATION	MINOR CLAY ALTERATION	MONTMORILLONITE FACIES (SUPERGENE)	N	N	VM	V	N	N	N	N	N	N	N		95				
16.90			MONTMORILLONITE FACIES (TRANSITIONAL)	N	N	VM	VM	N	N	N	N	N	N	N	4305	18-29	0-91	<0.001	<0.01	
19.20	SHEAR ZONE	SHEAR ZONE	ARGILLIC FACIES (TRANSITIONAL)	N	N	VM	N	N	VM	VL	N	N	VM	VL	8	4306	19-81	0-61	<0.001	<0.01
20.10	MINOR QUARTZ VEIN	MINOR QUARTZ VEIN	MONTMORILLONITE FACIES (TRANSITIONAL)	N	N	VM	PM	N	N	N	N	N	VH	N	2	4307	92	0-24	<0.001	<0.01
20.10			MONTMORILLONITE FACIES (TRANSITIONAL)	N	N	VM	PM	N	N	N	N	N	VH	N	2	4308	92	0-70	<0.001	<0.01
22.60			SILICIC FACIES (TRANSITIONAL)	N	N	VM	N	N	N	N	N	N	VM	N	6	4309	91			
22.60	QUARTZ VEIN	QUARTZ VEIN	MONTMORILLONITE FACIES	N	N	VM	PM	N	N	N	N	N	N	N	4310	22-86	0-54	<0.001	<0.01	
23.40	QUARTZ VEIN POORLY OXIDIZED	QUARTZ VEIN POORLY OXIDIZED	SILICIC FACIES (TRANSITIONAL)	N	N	N	N	N	N	N	N	N	N	N	4311	81	0-30	<0.001	<0.01	
23.70			MONTMORILLONITE FACIES	N	N	VM	PM	N	N	N	N	N	N	N	4312	81	0-63	<0.001	<0.01	
24.40	QUARTZ VEIN SILICA & QUARTZ SERICITE FLOODING 1cm CALCITE FRAGMENTS; SHEAR ZONE	QUARTZ VEIN SILICA & QUARTZ SERICITE FLOODING 1cm CALCITE FRAGMENTS; SHEAR ZONE	SILICIC FACIES (TRANSITIONAL)	N	N	N	N	N	N	N	N	N	VM	VL	5	4313	83	0-52	<0.001	<0.01
24.90	QUARTZ FELDSPAR CHLORITE GNEISS	QUARTZ FELDSPAR CHLORITE GNEISS	KAOLINITE FACIES (TRANSITIONAL)	N	N	N	N	N	N	N	N	N	VL	VM	4314	83	1-01	<0.001	<0.01	
27.00			MONTMORILLONITE FACIES	PM	N	PM	PM	N	N	N	VL	N	VM	VL	6	4315	85	1-52	<0.001	<0.01
27.40			PROPLITIC FACIES ? (TRANSITIONAL)	PM	N	N	N	N	N	N	N	N	VL	N	4316	79	1-22	<0.001	<0.01	
28.70			MONTMORILLONITE FACIES	N	N	PL	PL	N	N	N	N	N	VM	VL	4317	92	0-55	<0.001	<0.01	
29.20	QUARTZ VEIN & BRECCIATED GNEISS	QUARTZ VEIN & BRECCIATED GNEISS	SILICIC FACIES (TRANSITIONAL)	N	N	PL	N	N	N	PM	N	N	N	N	4318	92	0-98	<0.001	<0.01	
29.60			SILICIC FACIES (TRANSITIONAL)	N	N	N	N	N	N	PH	N	VL	VL	N	2	4319	93	0-30	<0.001	<0.01
30.00	QUARTZ VEIN & BRECCIATED GNEISS	QUARTZ VEIN & BRECCIATED GNEISS	SILICIC FACIES (HYPOGENE)	N	N	PL	PL	N	N	PM	N	VL	VL	N	4320	93	1-52	<0.001	<0.01	
30.70	QUARTZ VEIN MINOR SULPHO SALTS & PYRITE	QUARTZ VEIN MINOR SULPHO SALTS & PYRITE	SILICIC FACIES (HYPOGENE)	N	N	PL	N	N	N	PH	VL	VL	VL	N	2	4321	65	0-50	<0.001	<0.01
32.50	QUARTZ FELDSPAR CHLORITE GNEISS	QUARTZ FELDSPAR CHLORITE GNEISS	ARGILLIC FACIES (HYPOGENE)	N	N	N	N	N	PH	VM	N	N	VL	N	2	4322	71	0-88	<0.001	<0.01
33.10			MONTMORILLONITE (SILICIC) (TRANSITIONAL)	N	N	PM	PM	N	N	VM	VL	N	VL	N	2	4323	33-38			
33.40	FAULT	FAULT	MONTMORILLONITE FACIES (HYPOGENE)	N	N	>M	N	N	N	V!L	N	N	VL	N	2	4324	64	1-37	<0.001	<0.01
35.50			MONTMORILLONITE FACIES (HYPOGENE)	N	N	>M	PM	N	N	N	N	N	VL	N	4325	98	0-75	<0.001	<0.01	
36.20			KAOLINITE & PYRITES (HYPOGENE)	N	N	N	N	N	PH	N	N	N	N	N	4326	98				
36.50			MONTMORILLONITE FACIES (HYPOGENE)	N	N	>M	PM	N	N	VL	N	N	VL	N	4327	87				
38.40	MINOR QUARTZ VEIN	MINOR QUARTZ VEIN		N	N	N	N	N	N	N	N	N	N	N	4328	39-01	0-70	<0.001	<0.01	
39.00				N	N	N	N	N	N	N	N	N	N	N	4329	93	0-50	<0.001	<0.01	
39.30	QUARTZ VEIN	QUARTZ VEIN	MONTMORILLONITE FACIES (HYPOGENE)	N	N	PM	N	N	N	VM	N	N	N	N	4330	93				
39.70			MONTMORILLONITE FACIES (HYPOGENE)	N	N	N	N	N	N	N	N	N	N	N	4331	40-54				
40.00			MONTMORILLONITE FACIES (HYPOGENE)	N	N	PM	PM	N	N	N	N	N	N	N	4332					
40.20	END OF HOLE	END OF HOLE		N	N	PM	PM	N	N	N	N	N	N	N	4333					

ARCHER, CATHRO & ASSOCIATES LIMITED

CONSULTING GEOLOGICAL ENGINEERS

VANCOUVER, B.C. (604) 688-2568

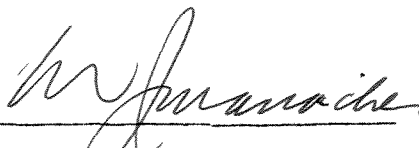
Box 4127, WHITEHORSE, Y.T. Y1A 3S9 (403) 667-4415

1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

AFFIDAVIT

I, Joan Mariacher, of Whitehorse, Yukon make oath and say:

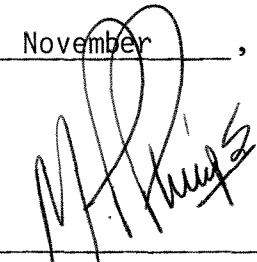
That to the best of my knowledge the attached Statement of Expenditures for exploration work on the DD, Dome, HIW, Jeff, Joanne, ICT, One, mineral claims on Claim Sheet 115I/3 is accurate.


Joan Mariacher

Sworn before me at Whitehorse, Yukon

this 25th day of

November, 1988



Notary, Yukon Territory

092709

Statement of Expenditures
DD, Dome, HIW, Jeff, Joanne, ICT, One, ONT, EEK and TBR Mineral Claims
November 25, 1988

Contract Diamond Drilling

E. Caron Diamond Drilling Ltd. - Holes 87X-89X, 91X, 96X,
99X, 101X \$ 25,100.77

Contract Bulldozer

Ibex Contracting Limited - 399½ D7E and 225 Hoe
at \$123/hr 49,138.50

Portal Rehab

Main Street Mining - 4300 Level 61,575.94

\$135,815.21



June 15, 1988
Invoice #-2394
Drill #-8

IN ACCOUNT WITH:

Archer, Cathro & Associates Ltd
3125 - 3rd Avenue
Whitehorse, Yukon

87x }
88x } 380' -
89x } 13771.79
91x }

Drilling Charges June 1 to 15, 1988: (Mount Nansen)

Holes 88-62 - 88-92X

Moving

4 man hrs. @ \$32.00 per hr. = \$ 128.00

Conditioning Hole # 69

8 man hrs. @ \$32.00 per hr. = \$ 256.00

4 machine hrs. @ \$21.00 per hr. = \$ 84.00 \$ 340.00

Casing

146 feet @ \$26.00 per ft. = \$ 3,796.00

Drilling Stage

2,414 @ \$26.50 per ft. = \$63,971.00 \$68,235.00

260

Mud # 037

May 16

288 bags Quik Gel @ \$15.00 ea. = \$ 4,320.00

48 pails DD-2000 @ \$130.00 ea. = \$ 6,240.00

May 19

48 bags Quik Gel @ \$15.00 ea. = \$ 720.00

6 pails DD-2000 @ \$130.00 ea. = \$ 780.00

May 31

100 bags Quik Trol @ \$15.00 ea. = \$ 1,500.00

8 bags Seal @ \$40.00 ea. = \$ 320.00

June 1

100 bags Quik Trol @ \$15.00 ea. = \$ 1,500.00

4 bags Quik Seal @ \$40.00 ea. = \$ 160.00

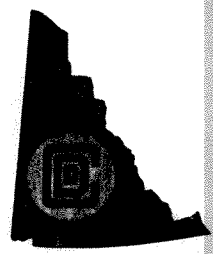
June 2

144 bags Quik Gel @ \$15.00 ea. = \$ 2,160.00

June 3

60 bags Quik Trol @ \$15.00 ea. = \$ 900.00

only June 1/18
\$ 669





E. CARON DIAMOND DRILLING LTD.

7 Roundel Road Whitehorse, Yukon Y1A 3H3

Phone (403) 668-2424 Telex 036-8-337

June 13

336 bags Quik Gel

@ \$15.00 ea. =

\$ 5,040.00

60 bags Quik Trol

@ \$15.00 ea. =

\$ 900.00

\$24,540.00

Total Invoice:

\$92,775.00



H/C MT. NANSEN. 037

DRILL # 70

HOLE	88-62	-50	102-180' = 78'
HOLE	88-63	-50	0 - 170
	88-65	-50	0 - 105'
	88-66	-50	0 - 105'
	88-68	-50	0 - 180'
	88-69	-50	0 - 260
	88-71	-50	0 - 80
	88-72	-50	0 - 137
	88-74	-50	0 - 204
	88-76	-50	0 - 94
	88-78	-50	0 - 175
	88-80	-50	0 - 107
	88-81	-50	0 - 160
	88-83	-50	0 - 105
	88-85	-50	0 - 145
	88-87	-50'	0 - 80
	88-88	-50	0 - 120
	88-89	-50'	0 - 108
	88-91	-50'	0 - 72
	88-92x -50'		0 - 75
	94x ???		

2560 ft

END of SHIFT



June 30, 1988
Invoice #-2412
Drill # 8

IN ACCOUNT WITH:

Archer, Cathro & Associates Ltd
3125 - 3rd Avenue
Whitehorse, Yukon

96x }
99x } 314' - 11,329.48
101 }

Drilling Charges June 16 to 30, 1988:

(Mt Nansen)

Hole # 88-96 to 88-116 / -50

Moving

6 man hrs. @ \$32.00 per hr. \$ 192.00

Drilling Reduce

4 man hrs. @ \$32.00 per hr. \$ 128.00
2 machine hrs. @ \$21.00 per hr. \$ 42.00 \$ 170.00

Casing Reaming

6 man hrs. @ \$32.00 per hr. \$ 192.00
3 machine hrs. @ \$21.00 per hr. \$ 63.00 \$ 255.00

Reaming Cave

26 man hrs. @ \$32.00 per hr. \$ 832.00
13 machine hrs. @ \$21.00 per hr. \$ 273.00 \$ 1,105.00

Waterline

124 man hrs. @ \$32.00 per hr. \$ 3,968.00

Conditioning Hole (Mud)

30 man hrs. @ \$32.00 per hr. \$ 960.00
15 machine hrs. @ \$21.00 per hr. \$ 315.00 \$ 1,275.00

Testing

14 man hrs. @ \$32.00 per hr. \$ 448.00
7 machine hrs. @ \$21.00 per hr. \$ 147.00 \$ 595.00

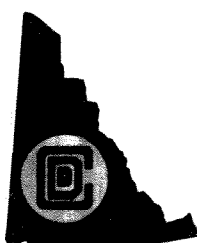
Casing

131 ft. @ \$26.00 per ft. \$ 3,406.00

Coring

131 - 1,607 = 1,476 @ \$26.50 per ft. \$39,114.00
NQ = 234 ft. @ \$23.50 per ft. \$ 5,499.00 \$44,613.00 \$55,579.00

and hole 7/m
170'





E. CARON DIAMOND DRILLING LTD.

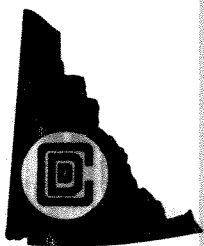
7 Roundel Road Whitehorse, Yukon Y1A 3H3

Phone (403) 668-2424 Telex 036-8-337

Items Consumed & Chargeable

11 HWL 10' Rods	@ \$216.00 ea.	\$ 2,376.00	
22 - 2' HW Casing	@ \$80.50 ea.	\$ 1,771.00	
3 HW Casing Shoes	@ \$440.40 ea.	\$ 1,321.20	
1 HQ Core Barrel	@ \$558.75 ea.	\$ 558.75	
1 Inner Tube Ass'ly	@ \$1,391.25 ea.	\$ 1,391.25	
3 HQ LY Bits	@ \$978.00 ea.	\$ 2,934.00	
1 HQ Shell	@ \$494.20 ea.	\$ 494.20	<u>\$10,846.40</u>

Total Invoice: \$66,425.40



20-8

96 - 0.65'

99 0.135

101 0.114

102 0.134

105 0.148

108 0.371

111 0.322

114 0. ^{35-112 = 77}
112-346 = 234

116 0.241

1607

234

1841

TIME SLIP

NAME NANSEN IBEX D7E EMPLOYEE NO. _____

DATE	JOB DESCRIPTION	HOURS	RATE	AMOUNT
May 31		11		
June 1		10.5		
June 2		3		
June 3	Job total @ 11 1/2	10.5		
June 4		10.0		
CS		10.5		
June 6	27338.00	10.5		
June 7		1.0		
June 9	#67	10.5		
EMPLOYEE'S SIGNATURE <u>Jordan Ferguson</u>		APPROVED BY <u>Mike Anfalls</u>		TOTAL ▶ 77.5

HORWOOD'S OFFICE SUPPLY LTD.

NAME NANSEN IBEX D7E EMPLOYEE NO. _____

DATE	JOB DESCRIPTION	HOURS	RATE	AMOUNT
June 10		10.5		
June 11		5.0		
June 12		8.0	13.5	
June 13		8.0		
June 14		10.5		
June 15		7		
June 16		5.5		
June 17		7		
June 18		10.5		
EMPLOYEE'S SIGNATURE _____		APPROVED BY <u>Mike Anfalls</u>		TOTAL ▶ 80.5

HORWOOD'S OFFICE SUPPLY LTD.

TIME SLIP

NAME D7 NANSEN EMPLOYEE NO. _____

DATE	JOB DESCRIPTION	HOURS	RATE	AMOUNT
June 19		12		
June 20		6.5		
June 22	TRENCH HUE NORTH	8		
	MOVE DRILL	2		
June 23	PREP DRILL SITES	10		
	FILL IN SUMP VERBER			
June 25	TRENCH DIXON	9.5		
EMPLOYEE'S SIGNATURE <u>[Signature]</u>		APPROVED BY <u>Mike Anfalls</u>		TOTAL ▶ 48

HORWOOD'S OFFICE SUPPLY LTD.

RE: MOUNT NANSEN
PORTAL Rehabilitation.

Main Street Mining Ltd.
200 - 100 Main Street
Whitehorse, Yukon Y1A 2A8

ORDER NO. _____ DEPT. _____ DATE July 29 1988

SOLD TO ARCHER CATHRO & ASSOCIATES. **SHIP TO** _____

P.O. Box 4127
3125 3rd Ave Whitehorse Yukon

SHIPPING DATE	VIA	TERMS	LICENCE NO.	REPRESENTATIVE
97 hours Scooptram	@ 82.50 per hour.			8002 50
2 hours Jackleg	@ 6.00 per hour			12 00
compressor.	total lease price for job. 1200.00 + 10%			1320 00
1 cwe stick powder.	110.00 + 10%			121 00
20 topdise	36.62 + 10%			40 28
4 split sets	@ 29.00 each installed.			116 00
Powder mag	@ 50.00 + 10%			55 00
306 hour Man hours	@ 38.00 per hour			11,628 00
10 hours Supervision	@ 38.00 per hour			380 00
20 hours hiab.	@ 15.00 per hour (mobe and haul timber)			300 00
hiab. truck.	rental 660.00 + 10%			660 00
4x4 truck	rental 1076.92 + 10%			1189. 61
FREIGHT- Mobilization - -	745.00 + 10% (haul scoop)			819 50
FREIGHT- Demobilization - -	755.00 + 10% (haul scoop)			830 50
gasoline.	95.00 mobe. travel travel			95 00
LUMBER.	8193.43 + 10%			9012. 77
6 bundles Wedges	75.00 + 10%			82 50
1 box spikes	60.00 + 10%			66 00

Handwritten notes:
July 3/88
\$1703
OK

SIGNATURE

15086

OK ARA

TOTAL 34,725 66

Main Street Mining Ltd.
 300 - 100 Main Street
 Whitehorse, Yukon Y1A 2A8

① Invoice sheets from
 475 - main camp
 20 km travel on 8th (?)
 10 km to machine
 48 km to site in
 total

ORDER NO.

DEPT.

DATE 09.13 19 88

SOLD TO

ARTHER, CATHERO AND

SHIPTO

ASSOCIATES

MOUNT NANSON PROJECT.

AUG 19 - SEPT 8 - 1988.

SHIPPING DATE	VIA	TERMS	LICENCE NO.	REPRESENTATIVE
553		MAN HOURS	② 38.00	21 014 00
		EQUIPMENT		
4		TRIPS HYAB TRUCK	② 291.00	1 164 00
60		HRS TRUCK	② 7.00	420 00
2		WKS B12 MUCK MACH RENT	② 125.00	250 00
2		" COMPRESSOR RENT	② 1500 MD	750 00
		MATERIALS		
92		EA 2M TAPE FUSE	② 2.37	28 44
1		CASE 1X8 POWDER	② 92.02	92 02
1		ROLL SCOTCH CORD	② 22.50	22 50
1		" B LINE	② 47.30	47 30
2		" THERMOLITE	② 6.66	13 32
1		PAIL 15-40 OIL	② 42.00	42 00
12		PR GLOVES	② 7.00	84 00
1		EA SCALING BAR - 6'	② 17.20	17 20
1		EA " " 8'	② 21.40	21 40
2		BOX NAILS	② 50.81	101 62
1		LIFT. 2X10	② 715.00	715 00
1		" 8X8	② 715.00	715 00
		PARTS FOR REPAIR 12B MUCKER		821 91
		10% ON 5305.71 =		530 57
		TOTAL		26 850 28

SIGNATURE

15098

TOTAL

TABLE 1
 DD, DOME, HIW, JEFF, JOANNE, LAURA, EEK, ICT, ONT TBR
 2 ONE-1F CLAIMS
 MOUNT NAUSEN AREA
 NTS 115I-3
 BULL DOZER & EXCAVATOR TRENCHING
 ASSESSMENT CALCULATIONS
 JUNE - SEPT. 1988

CLAIM NAME	GRANT	TRENCH NO.	HOURS BULLDOZER	HOURS EXCAVATOR	HOURS TOTAL
DOME 6		3 TRENCHES	28	-	28
				SUBTOTAL	28
		28 HRS AT \$123/HR =	\$3,444		
DOME 9		GD 88-6X	8	7	15
		GD 88-21	12	8	20
		GD 88-16	10	10	20
		GD 88-19	11	9	20
		GD 88-15	12	7	19
		GD 88-17	10	7	17
		GD 88-8X	10	9	19
		GD 88-22X	12	8	20
		GD 88-18	12	12	24
		GD 88-13 (50%)	6	5.5	11.5
				SUBTOTAL	185.5
		185.5 HRS AT \$123/HR =	\$22,816.50		
DOME 10		GD 88-13 (50%)	6	5.5	11.5
				SUBTOTAL	11.5
		11.5 HRS AT \$123/HR =	\$1,414.50		
DOME 12		HO 88-13	10	10	20
				SUBTOTAL	20
		20 HRS AT \$123/HR =	\$2,460		
DOME 13		HO 88-14	10	10	20
		HO 88-15	8	7	15
		HO 88-16	11	10	21
				SUBTOTAL	56
		56 HRS AT \$123/HR =	\$6,888		

092709

<u>CLAIM NAME</u>	<u>GRANT</u>	<u>TRENCH NO</u>	<u>HOURS BULLDOZER</u>	<u>HOURS EXCAVATOR</u>	<u>HOURS TOTAL</u>
DOME 53		3 TRENCHES	25	-	25
				SUBTOTAL	25
		25 HRS AT \$123/HR = \$ <u>3,075</u>			
HIW 7F		1 TRENCH	8	-	8
				SUBTOTAL	8
		8 HRS AT \$123 = \$ 984			
				GRAND TOTAL	334
		334 x \$123/HR = \$41,082			

TABLE 2
DIAMOND DRILLING ASSESSMENT
CALCULATIONS

DD, DOME, HIW, JEFF, JOANNE, LAURA, EEK, ICT, ONT, TBR, ONE
CLAIMS
 MOUNT NANSEN AREA
 NTS 115-I-3
JUNE, 1988

<u>HOLE NO</u>	<u>TOTAL FOOTAGE</u>	<u>EXPENDITURE</u>
88-87X	80	2899.20
-88X	120	4348.80
-89X	108	3913.92
-91X	72	2609.28
	<u>TOTAL 380</u>	<u>\$13,771.20</u>

SEE INVOICE NO. 2394 CARON DIAMOND DRILLING, JUNE 15, 1988
TOTAL EXPENDITURE \$92,775.00
 TOTAL FOOTAGE HOLES 88-62 TO 92X CASING & CORING = 2560 FT
 COST/FT = $\$92,775 / 2560 = \36.24

<u>HOLE NO</u>	<u>TOTAL FOOTAGE</u>	<u>EXPENDITURE</u>
88-96X	65	2345.20
-99X	135	4870.80
-101X	114	4113.12
	<u>TOTAL 314</u>	<u>\$11,329.12</u>

SEE INVOICE NO 2412 CARON DIAMOND DRILLING LTD JUNE 30, 1988
TOTAL EXPENDITURES \$66,425.00
 TOTAL FOOTAGE HOLES 88-96X-116 - CASING & CORING = 1841 FT
 COST/FT $66,425 / 1841 = \$36.08$

TABLE 3

DIAMOND DRILLING ASSESSMENT CREDIT
BY CLAIM

DO, DOME, HIW, JEFF, JOANNE, LAURA, EEK, ICT, ONT, TBR ONE-IF CLAIMS
MOUNT NANSEN AREA
NTS 115I-3

<u>CLAIM NAME</u>	<u>GRANT NO</u>	<u>HOLE NUMBER</u>	<u>EXPENDITURES</u>
DOME 9		88-96X	2,345.20
		101X	4,113.12
	DRILL SITE PREPARATION - 11 HOURS BULLDOZER AT \$123 PER		1,353.00
			TOTAL \$ <u>7,811.32</u>
DOME 10		88-99X	4,870.80
			TOTAL <u>4,870.80</u>
DOME 51		88-87X	2,899.20
		-88X	4,348.80
		-89X	3,913.92
		91X	2,609.28
	DRILL SITE PREPARATION - 17 HOURS BULLDOZER AT \$123 PER		2,091
		TOTAL \$ <u>15,862.20</u>	