REPORT

ON CARIBOU CREEK VEIN BULK TESTS FROM TRENCH

AND A PIT ON HOPE #1 MINERAL CLAIM Y21249

N.S.T. MAP SHEET 115 I/6
U.T.M. COORDINATES ZONE 8

BETWEEN A

NORTHING OF 6904 673 ADIT + 6904 638 TRENCH

EASTING OF 386 287 ADIT + 386 305 TRENCH

ELEVATION OF 993m ADIT + 1000.5M TRENCH

TOM MORGAN - SUPERVISOR
ERICH STOLL - MINER

DONE FOR: DARK MOTH MINES LTD.

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ACCESS

Access to the present site of the work done in this report is accomplished by turning West in Carmacks onto the Mount Freegold Road.

This road is followed to km 65. The road to the south is then taken another 3 km up to the left limit of Caribou Creek to the portal and trench site.

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HISTORY

The original prospecting leading to the discovery of the bedrock source on HOPE #1 was done by P.F. Guder & Associates in the early 30's, along the length of Caribou Creek.

These discoveries of quartz boulders containing visible gold lead to the source on the left limit hillside of Caribou Creek. This was located and staked in 1937 by W. Teare. In 1938, a gravity fed stamp mill was constructed and processed by Bostock's account, 14 ton to produce 84 ounces of gold. The vein became hard to follow due to faulting and the mill was moved to the Laforma Property during the winter of 1938-1939.

In 1988, Doron Explorations Ltd. optioned the ground and found the extension of this faulted off old showing. In this vein, high grade visible gold was found.

The following drill program found extensions to the north on a strike of 340 degrees. Some medium to high grade holes were intersected along this strike at a dip of around 50 degrees. One intersection graded 5.5 oz/ton over 1.3m at the 990m elevation. Enough holes hit on the drilling done that an open pit operation was planned, and partially carried out during 1990 - 1991.

The company went broke and ceased mining before any ore was mined.

In 1993, Doron gave up the option on the ground and Dark Moth Mines Ltd. negotiated an agreement with the original owners.

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CONTROL SURVEY

Most of the topographic features of the old drill pads and holes were excavated off the side of the hill from the open pit attempt.

The survey control was attained by tying into St-1865-2, St-1865-2 and DDH-88-2 where the drill casing was still there and undisturbed. The new topography that was surveyed in, showed that the high grade intersection of DDH-88-4, Hole #10 was still intact. This high grade section was 12m in and 3m down from the rock face on the present hillside.

This survey proved to be accurate and the vein was intersected.

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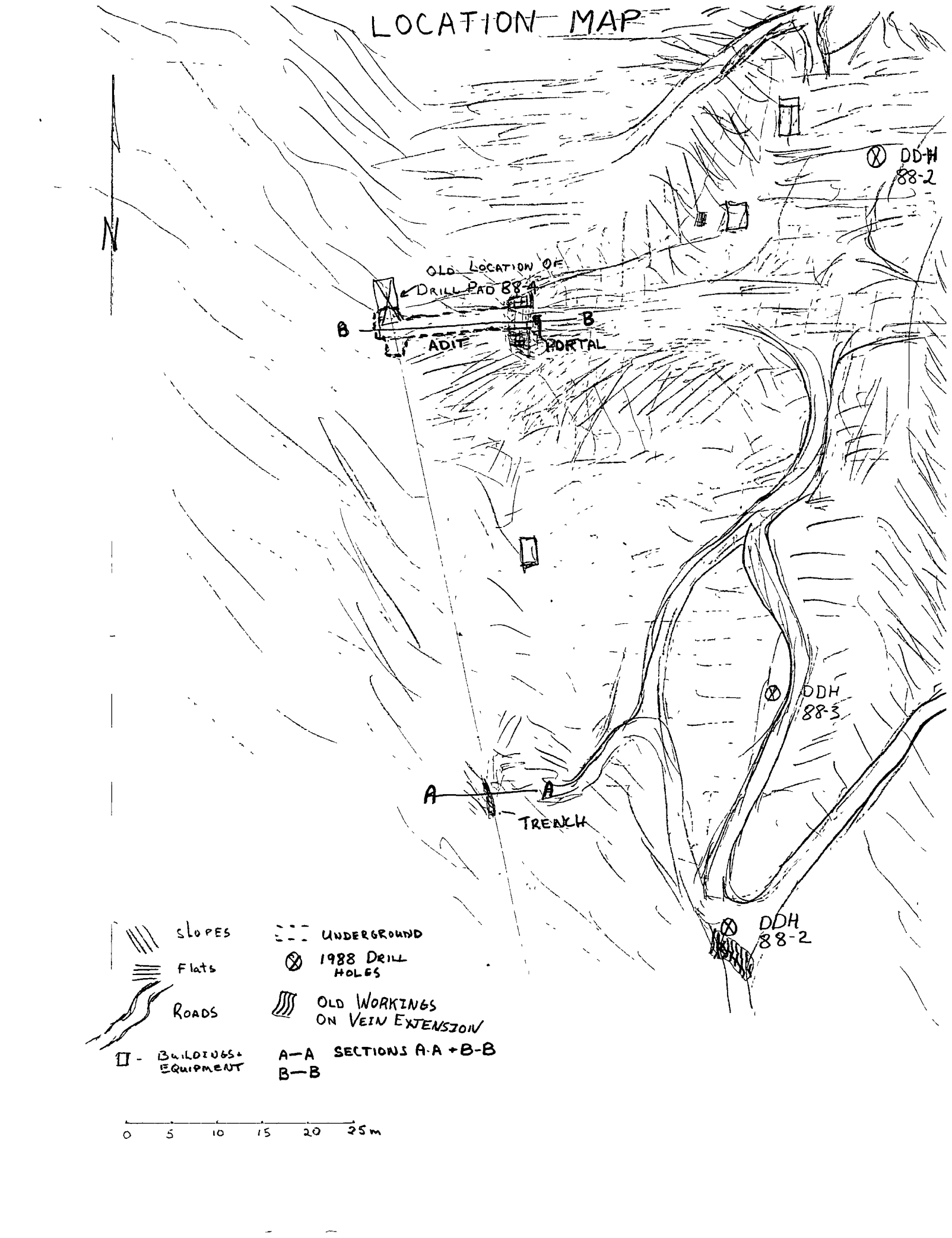
Creek
ANGUS
ACK
SUBTRACT
REV
REV COP
SUB TRACT
ADDITION
COPPER
REVENUE
BIT 1F
BIT 2F
BIT 3F
HAPPY
ACK
RANGE
ACK
UFO
UFO
HOMESTAKE
Bow
Creek
R-8
BOO
Seymour
RAG
MAY
ELEPHANT
DAZE
EYM
EYM
EYM
VINDICA
TOR
GOLDSTAR
PROTECTION
MARGARET E
EXCELSIOR
GREEN STONE
PEERLESS
PROGRESS
GOLD STAR
SHEARZONE
BOO
CARA
BEST
HOPE
BOO
BOO
115-I-6


LOCATION MAP
N
DD-H 88-2
OLD LOCATION OF DRILL PAD 88-4
B
B
ADIT
PORTAL
DDH 88-3
A
A
TRENCH
DDH 88-2
slopes
Flats
ROADS
BUILDINGS & EQUIPMENT
UNDERGROUND
1988 DRILL HOLES
OLD WORKINGS ON VEIN EXTENSION
A—A SECTIONS A-A + B-B
B—B
0 5 10 15 20 25m

DRIFT DESCRIPTION

The first stage of putting the drift in was done by trenching and blasting with a jack-leg and a hoe-bucket on an anchored-down air winch. With the small air winch, this proved to be too slow. I then drilled and blasted wide enough for the D-7 Cat to trench down. The Cat would backblade from the face then turn around and push the material out over the bank. We were trying to get down to the 990m mark to collar the portal, but this became impractical as it would have made the approach too steep. The 993m mark was the eventual drift bottom elevation.

Erich Stoll came in and we put in the portal and continued drifting with a jack-leg and mucking with a slusher to the mouth of the portal. From here, the Cat would backblade enough to turn around, then push the waste rock out over the bank. At 10m in the vein, hanging wall was seen in the floor of the drift. The foot wall of this quartz-chalcedony graphitic breccia showed in the drift floor at 11.4m. Another round was put through the foot wall to 12.6m, this passed through quartz-chalcedony veining, cataclastic intrusive, gouge and ended in an oxidized brown rhyolite.

High grade visible gold samples were found in the left hand side and floor of drift in a 6 inch to 9 inch band of breccia vein (graphitic) that contacted the white to smoky quartz of the footwall. This visible gold zone is coming up in the same ore shoot pattern that was seen in the vein extension of the upper trench.

A slash and round were taken on the north and south strike of the vein. Specks of VG could be seen all along the 6m of exposed vein, footwall. The contact showed the most VG, although some could be seen towards the hanging wall. The southerly extension of the vein widened to +12m, where as the northerly extent went to around 1m over this 6m of strike length.

The vein is coming up along a shear zone that was striking at 345 degrees and dipping at 50 degrees. There appears to be three different epochs in the formation of this vein.

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TRENCH DESCRIPTION

The trench was on an upper pinched-out extension of the gold bearing graphitic quartz-chalcedony silicified breccia. This vein was followed 2.5m down on a dip of 50 degrees and along a strike of 345 degrees.

This veining pinched off to nothing at an elevation of 1001m to the north and extended out under a pile of rubble on the hillside to the south at a width of 8 inches. The vein was dug out by hand on the top part. As we (Bill Harris and I) went down along the vein, the hanging wall was blasted and the vein picked to the 2.5m depth. Two zones of enrichment in which VG could be seen, were coming up along the footwall side of the vein in an ore shoot type structure. This shoot was coming up around 10 degrees off vertical along the strike-dip vein plane. They were about 4m apart in the 7m of exposed vein, which had a maximum width of 0.3m.

Approximately four ton of rock was picked and piled from this showing.

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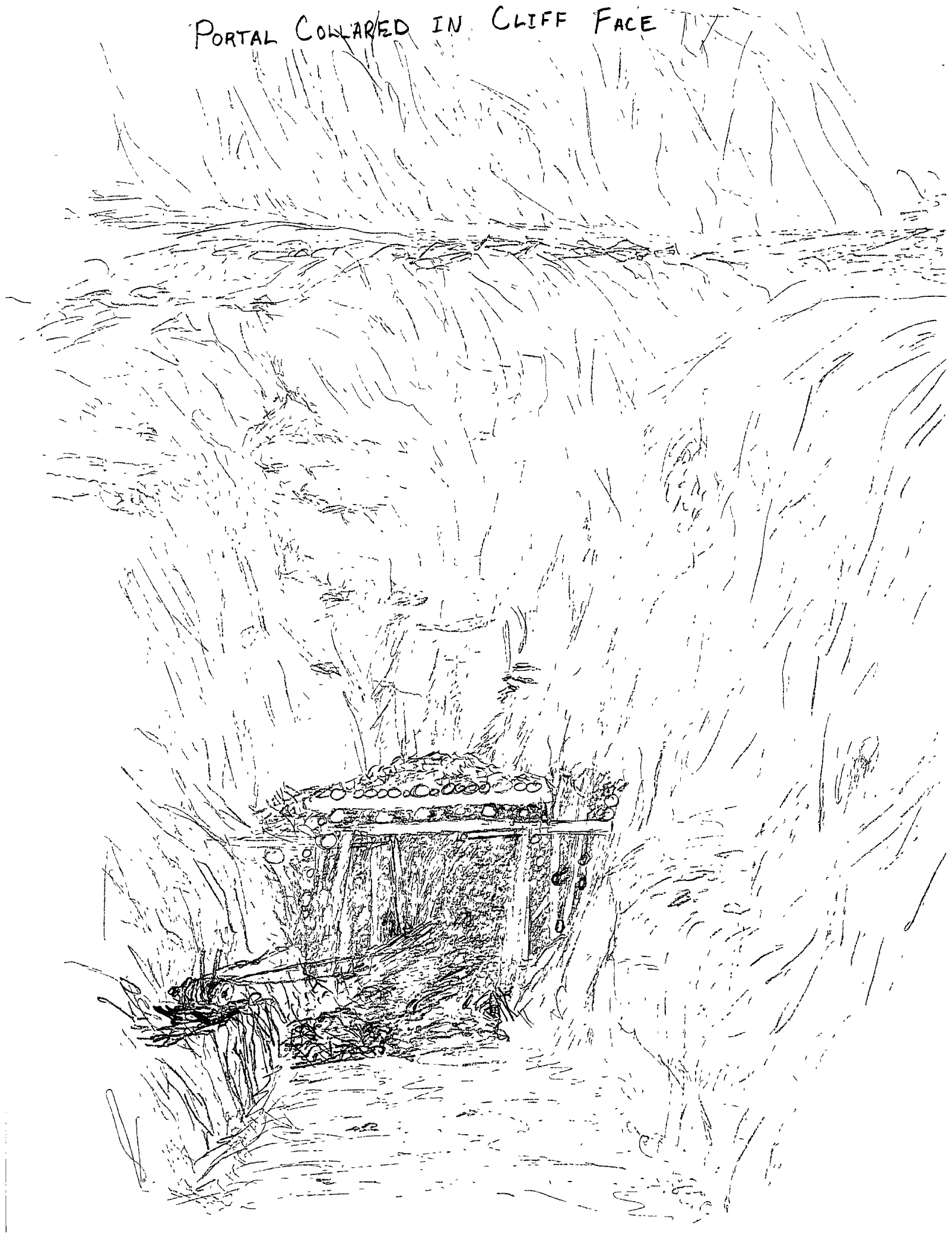
PORTAL COLLARED IN CLIFF FACE



SECTION B-B ON DRIFT AND ORE ZONE INTERSECTION

CATACLASTIC INTRUSIVE W MINOR QUARTZ VEINING

GRAPHITIC HOST UNIT W MINOR QUARTZ VEINING

GRAPHITIC QUARTZ-CHACHEDONY BRECCIA ORE ZONE HIGHLY SILICIOUS

HIGRADE VISIBLE GOLD ZONE OF VEIN FOOTWALL

SILICIFED, QUARTZ TO BRECCIATED CATACLASTIC INTRUSIVE W GREENISH BROWN RYOLITE

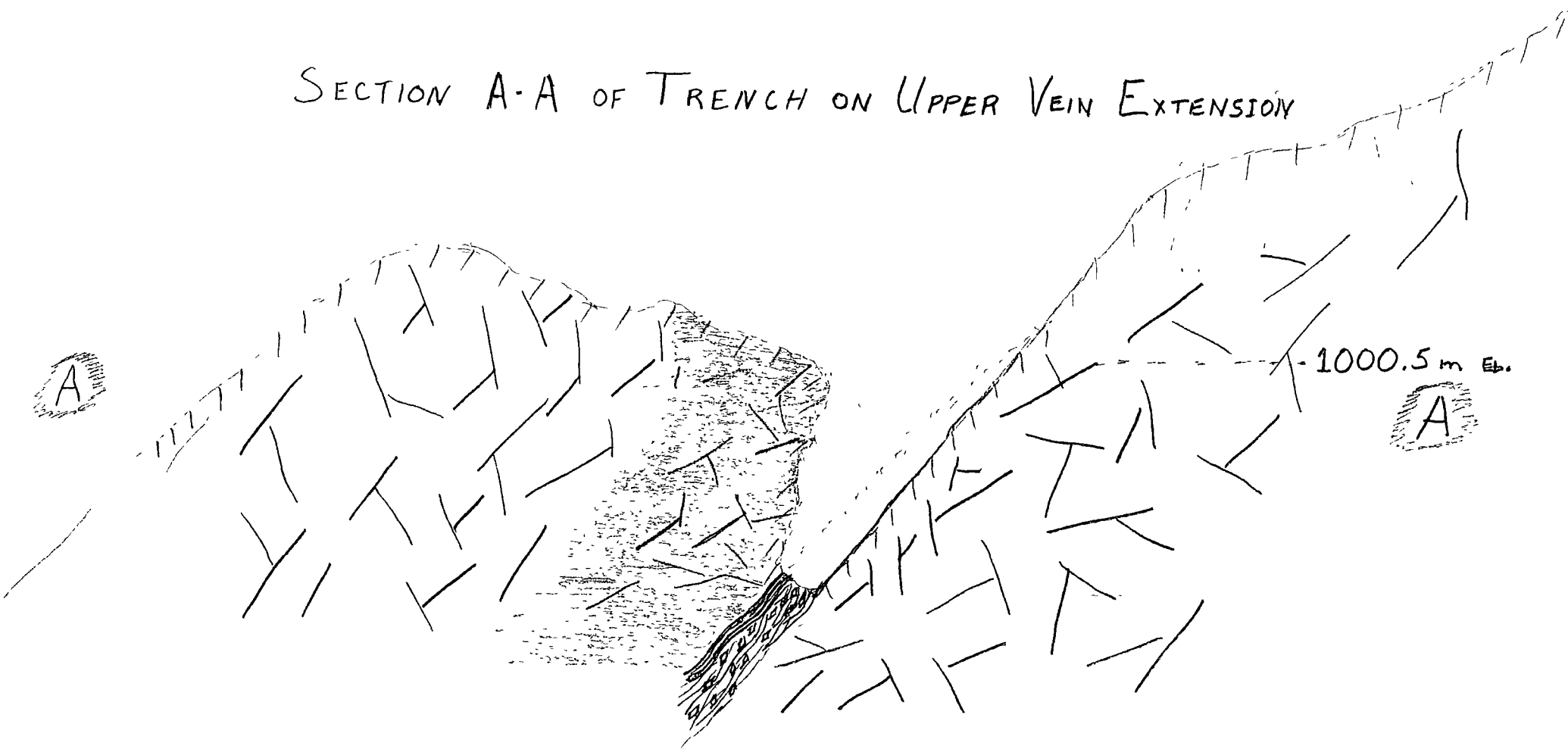
BLACK, BROWN + GREEN GOUGE

ROCK EDGE

TIMBERING

0 1m 2m 3m 4m 5m

SECTION A-A OF TRENCH ON UPPER VEIN EXTENSION



SAME KEY AS SECTION B-B

TRENCH ON VEIN LOOKING NORTH

↑
COMPRESSOR SITE
LOOKING NORTH

PORTAL / DRIFT
LOOKING WEST

Bulk Test-Sample Data

Sample I.D.	Sample Weight lbs.	Ran Au Weight at 85 Fine	Au / Ton troy oz	Sample Position	Sample Description
A	63 lbs.	1.23 oz. troy	33.19 oz/ton	1m South Along vein Footwall and into Beccia vein 0.3m, for a distance of 0.5m along vein's southerly strike 1m. to 1.5m S.	Numerous Specks and Blotches of visible Gold can be seen in this highly silicious Quartz Chalchedony Breccia contact zone
B	250 lbs.	0.50 oz troy	3.40 oz/ton	This sample is from the muck pile The muck pile came from 1.5m to 3.4m South along vein strike from adit center line	There was specks of VG seen in the multi veined vuggy highly graphitic fractured breccia.
C	300 lbs.	0.15 oz. troy	0.85 oz/ton	This sample is from upper trench vein material. The sample was from exposed length and entire width of 0.3m(-)	No visible Au could be seen in this sample of vein it ranged from highly silicious to clay gouge.
D	400 lbs.	0.26 oz. troy	1.11 oz/ton	This sample is from North drift muck pile. The muck pile came from 1.3m. to 3.4m. N. from adit along N. stike	There was the odd speck in this 1.0m wide vein blasted out of the 2m wide drift 0.5m into hanging wall to 0.5m into foot wall

SAMPLE HANDLING PROCESS

The samples taken were smashed to 3" minus, which fit into the small jaw crushers being used. The material went from here at 1/4" minus into the ball mill. The batch ran for 1 hour with 63 lbs. in it; 3 hours with 250 lbs. in it; 2 hours with 150 lbs; and 2.5 hours with 200 lbs. to crush to around 35 mesh minus.

Once this was done, the material was run across a pulsating mechanical jig and then across a Diester Table. This concentrate was smelted into buttons. The tailings have some fine gold in them which will be assayed.

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CONCLUSION

The widths of grade and strong veining that is coming up along this 345 degree North strike, 50 degree Dip shear, show promising tonnage and grade to make a small profitable mine, if done properly.

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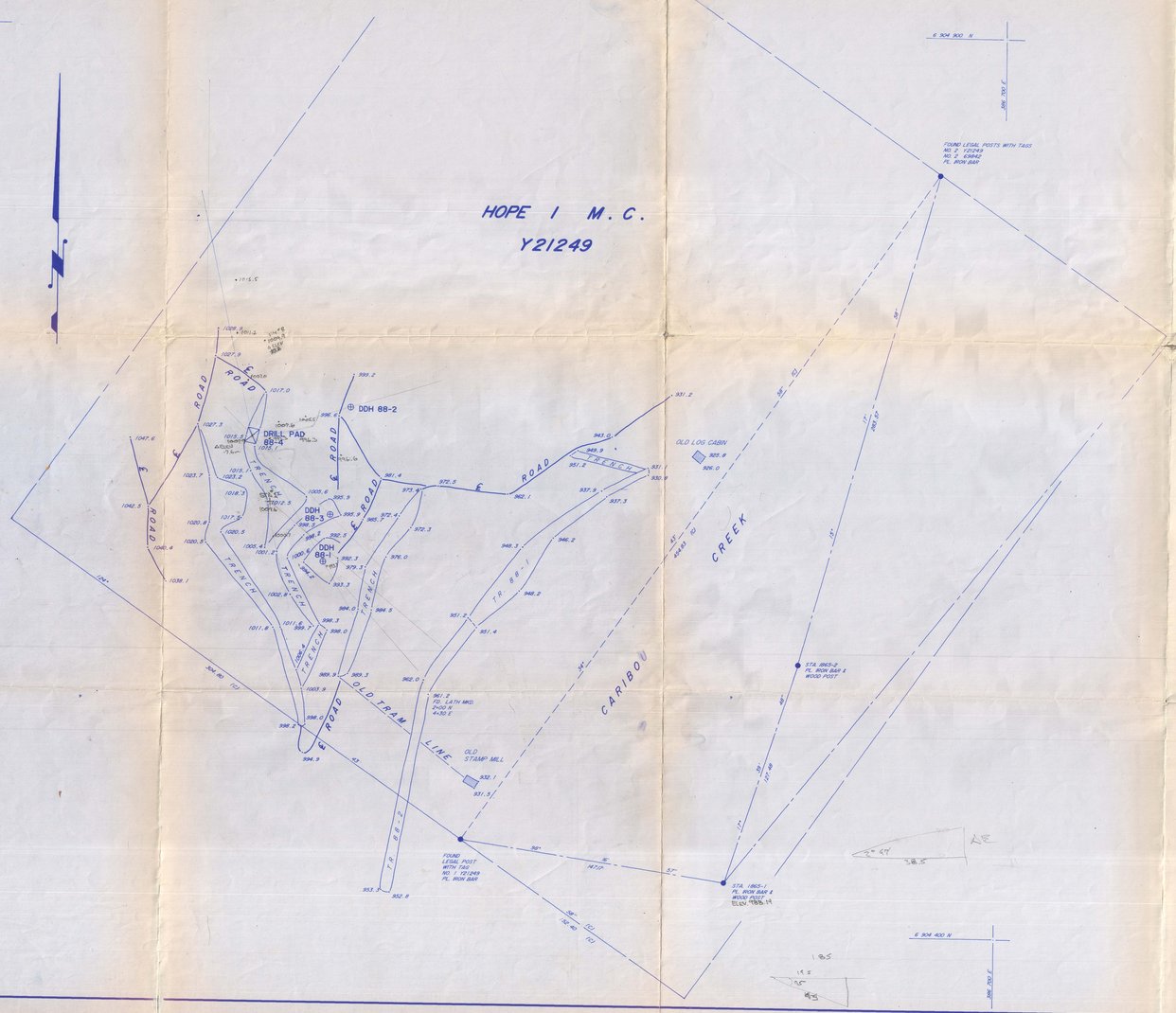


TOPOGRAPHIC SURVEY OF

HOPE I MINERAL CLAIM (Y21249)

ON CARIBOU CREEK
MOUNT FREEGOLD AREA
N.T.S. MAP SHEET 115 I/6
YUKON TERRITORY

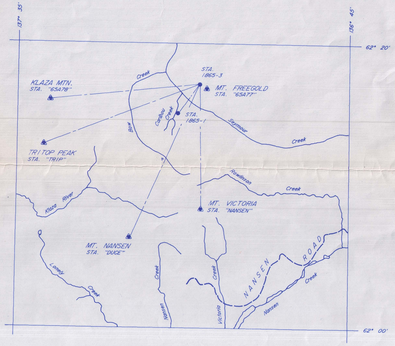
SCALE 1 : 1 000

Bearings are astronomic, derived from topographic stations 65A77 and 65A78 and are referred to the central meridian of U.T.M. Zone 8, 135° West.

Distances are in metres and are horizontal at general ground level.

Elevations are in metres above sea level and were derived from topographic station 65A77.

U.T.M. COORDINATES ZONE 8 (1927 N.A.D.)			
STATION	NORTHING	EASTING	ELEVATION
65A77	6907 508.67	390 536.04	1457.67
65A78	6908 373.86	370 132.50	1941.51
1865-1	6904 429.06	386 550.83	986.14
1865-2	6904 350.48	386 589.49	965.66
1865-3	6904 452.05	389 453.66	1413.43
NO. 1 Y21249	6904 452.28	386 805.28	951.35
NO. 2 Y21249	6904 603.69	386 577.17	915.59
DDH 88-1	6904 603.5	386 327.7	917.39
DDH 88-2	6904 630.0	386 340.8	997.5
DDH 88-3	6904 630.1	386 330.7	996.4
CENTRE OF DRILL PAD 88-4	6904 673	386 287	1015.0



KEY PLAN N.T.S. 115 I/1
SCALE 1 : 250,000

THOMSON & ILES
SURVEYORS & ENGINEERS
WHITEHORSE, YUKON

1865 FB LL Pg 1-28

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

Northern Affairs Program / Programme des affaires du Nord

Mineral Rights / Droits miniers

20 AUG 91
16 JULY 91
11 FEB 91
22 NOV 90
13 SEPT 90
24 JULY 90
17 JULY 90
21 JUNE 90
30 APR 90
23 APRIL 90
28 NOV 89
22 NOV 89
31 OCT 89
18 SEPT 89
20 JULY 89
21 JUNE 89
20 JUNE 89
06 JUNE 89
30 MAY 89
16 MAY 89.
18 APRIL 89
02 MAR 89
19 JAN. 89
03 JAN 89
08 DEC 88
24 OCT 88
29 SEPT 88
30 AUG 88
15 JULY 88.
06 JULY 88
20 JUNE 88
30 MAY 88
20 APRIL 88
08 APRIL 88
10 MARCH 88
08 MARCH 88

09 FEB 94.
05 AUG 93
22 JULY 93
28 JUNE 93
16 JUNE 93
25 MAY 93
20 APRIL 93
16 MARCH 93
22 FEB 93
12 JAN 93
12 NOV 92
26 AUG 92
16 JULY 92
03 APR 92
20 MAR 92
09 MAR 92
03 JAN 92
16 OCT 91
04 SEPT 91

Canada

WHITEHORSE 21 JANUARY 1988

115I-6

94-058

QUARTZ

LATITUDE 62° 15' TO 62° 30'
LONGITUDE 137° 00' TO 137° 30'

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

SCALE 1:30,000

METRES 1000 0 1000 2000

FEET 1500 0 1500 3000 4500 6000 7500 9000 10500

N — MAGNETIC NORTH N31° 13' E

NOTE:

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
CONTOUR INTERVAL 500 FEET.
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES.

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

Note: for placer claims see 115I-6 placer

115I-12	115I-11	115I-10
115I-5	115I-6	115I-7
115I-4	115I-3	115I-2

KAREN I told TOM we would have another look at this. Let's discuss please. Thanks Rod

Hope #1 is shifted 500' W from map location

94-058

115I-6