

Assessment Report

on

Bun 1-24 Claims

061942

Whitehorse Mining District

Claim Sheet 115H/18

Latitude 61°20'N, Longitude 136°28'W

December 23, 1977

"THE INFORMATION CONTAINED HEREIN HAS BEEN ACQUIRED BY VIRTUE OF THE ATOMIC ENERGY CONTROL REGULATIONS PURSUANT TO THE ATOMIC ENERGY CONTROL ACT THIS INFORMATION IS NOT TO BE RELEASED WITHOUT THE PERMISSION OF THE ORIGINATOR."

Alan R. Archer, P. Eng.

Consulting Engineer

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INTRODUCTION

The Bun property consists of 24 mineral claims covering a radioactive anomaly located with airborne radiometrics in 1976 (see UJV Report, pp. 71-76). The anomaly was produced by a zone of radioactive soil at a contact between quartz monzonite and unconformably overlying Tertiary acid volcanics.

The 1977 program consisted of 116 m (383 feet) of Winkie drilling in 7 holes to explore the volcanic-intrusive contact down dip from the surface exposure. Drilling was started on August 16 and was completed by September 4. Supervision was provided by M.P. Phillips and U. Schmidt. All assays were done at Chemex Labs Ltd., North Vancouver, B.C.

PROPERTY, LOCATION AND ACCESS

The Bun 1-24 claims form a sub-rectangular contiguous group and are recorded in the Whitehorse Mining District as follows:

<u>CLAIM NAME</u>	<u>GRANT NUMBERS</u>	<u>EXPIRY DATE</u>
Bun 1-8	YA 4518 - YA 4525	27 February, 1979
Bun 9-24	YA 4584 - YA 4599	27 February, 1979

The property is located at latitude 61°20' north and longitude 136°28' west within NTS claim sheet 115H/7, 104 km (65 miles) northwest of Whitehorse. Access is possible by turbine aircraft on floats to Bun Lake, 600 m west of the main showing. The lake is too small to allow take-off with loaded aircraft and moves from the property require helicopter support to Km 80 (mile 50) on the Klondike Highway some 38 km (24 miles) to the east.

GEOLOGICAL SETTING

The Bun showing is located near the upper edge of a steep 30 m (100 ft.) high overburden covered creek bank cut through a wide glacial-till-covered ancient river valley now occupied by a chain of narrow lakes.

The property is underlain by a Triassic quartz monzonite stock with local zones of weak hydrothermal alteration and quartz veining that contain abundant disseminated pyrite, traces of chalcopyrite and molybdenite and uranium values in the 5 to 20 ppm range. The stock is capped on the northern part of the property by Eocene or younger fine grained andesitic volcanics with some pale green to white rhyolitic flows and tuffs. Rounded boulders of quartz monzonite up to 2 m in diameter are caught up in the lowest flows, indicating that the volcanic rocks were extruded onto an old erosion surface.

The target consists of a 10 m by 20 m area of strongly radioactive soil at the quartz monzonite-volcanic contact near the upper edge of the creek bank. Samples taken from shallow hand pits in 1976 assayed in the 200 to 300 ppm U range, with one particularly organic-rich sample assaying 0.46% U_3O_8 . The 1976 work was unable to determine if the uranium was weathering from a mineralized paleodrainage below the volcanics or was simply a recent accumulation from surface drainage flowing through organic rich soil.

DIAMOND DRILLING

Logistics

A Winkie drill and two man crew were contracted from Wink International Drilling Ltd., Richmond, B.C. with return mobilization from Vancouver to

Whitehorse shared by Chevron Canada Ltd. The drill was moved to Bun Lake by float equipped aircraft and to the drill site by helicopter. Moves between holes were made by hand. Demobilization was by helicopter directly to the Klondike Highway. Drilling began on August 16 and 116 m (383 feet) were drilled in 7 holes by September 4 on single 12 hour shifts per day. M.P. Phillips and U. Schmidt cooked for the drill crew while providing geological supervision. All drill core is stored at the H.S. Bostock core library in Whitehorse.

Ground conditions proved too difficult for the Winkie drill and core recovery in the volcanic rocks and contact zone was less than 50 percent in spite of the relatively large (IAX) core size used (1 3/8 inches diameter). No sludge samples could be recovered and permafrost caused overnight water freezing in deeper holes. Caving ground necessitated reaming and deep casing of all holes and resulted in abandonment of one hole (B4) before the contact was reached.

Results

Figure U-BN3 on the following page illustrates the location of drill hole collars and shows a contour map of the erosion surface of the intrusion below the volcanic rocks as outlined by drilling. Detailed logs and a table of assays are included in Appendix I. Logging has been done in English rather than metric units.

The first four holes (B1 to B4) were drilled at 20 to 25 m intervals along the base of the creek bank about 20 m vertically and 50 m horizontally

from the surface zone of radioactivity. When these failed to locate mineralization, the drill was moved up the bank and three holes (B5 to B7) were drilled at 15 m intervals in line with the surface zone. Even though one of these holes intersected weak mineralization, the program was terminated because of the difficult conditions and poor core recovery.

The following is a summary of each hole.

Hole B1 - unmineralized

0 - 28' - overburden depth uncertain, mainly dark green volcanics with a few monzonite boulders

28 - 47' - fresh quartz monzonite, trace pyrite and minor quartz veining

Hole B2 - unmineralized

0 - 41' - overburden depth uncertain, mainly dark green volcanics with a few monzonite boulders

41 - 60' - quartz monzonite with weak leaching

Hole B3 - monzonite averages 8 ppm U

0 - 9' - overburden depth uncertain, mainly dark green volcanics

9 - 50' - quartz monzonite, weakly weathered with traces pyrite

Hole B4 - 31 - 35' - tuffaceous volcanics assayed 16 ppm U

0 - 31' - overburden to 7 feet, dark green, fine grained volcanics with boulders of quartz monzonite

31 - 35' - dark tuffaceous volcanics with boulders of quartz monzonite. Hole abandoned due to caving ground

Hole B5 - 0 - 21' - two narrow sections of tuff average 0.13% U_3O_8
21- 80' - tuffaceous volcanics average 42 ppm U
80- 87' - leached monzonite average 165 ppm U

0 - 80' - mixture of dark and light coloured tuffaceous volcanics with monzonite boulders

Hole B5 (Cont'd)

80 - 87' - bleached and leached quartz monzonite, may be large boulders at base of volcanics

87 - 92' - weakly bleached quartz monzonite with trace pyrite

Hole B6 - 0 - 32' - flow and tuffaceous volcanics average 57 ppm U

0 - 7' - overburden

7 - 19' - light green volcanic flows

19 - 53' - dark tuffaceous volcanics with numerous quartz monzonite boulders

53 - 68' - quartz monzonite weakly leached to 60'

Hole B7 - unmineralized

0 - 22' - overburden depth uncertain, dark green volcanic flows

22 - 31' - weakly bleached quartz monzonite

The only significant mineralization was encountered in Hole 5 where it occurs in two modes:

- (1) as slightly radioactive, light coloured and weakly bedded coarse tuff, with occasional strongly radioactive zones associated with 2 to 3 mm wide fracture fillings of coarse pyrite (or marcasite ?). The best assays were obtained from 13 to 21 feet, where 1.1 feet of the 2.0 feet of recovered core averaged 0.13% U_3O_8 . Geochemical analyses of 23.7 feet of core recovered between 21 feet and the intrusive contact at 80 feet averaged 42 ppm U.
- (2) as weak radioactivity developed in a bleached and leached zone at the surface of the intrusion from 80 to 87 feet. The average assay for 4.9

feet of core recovered from this section was 165 ppm U, while one portion between 83.6 and 84.0 feet assayed 0.082% U_3O_8 .

No uranium minerals were seen in the core although some of the tuffaceous section exhibited green fluorescence under ultraviolet light. The fluorescence appears to be derived from thin siliceous (opal ?) coatings on fracture planes. The core is not strongly radioactive and the assay in excess of 0.1% was unexpected as these sections respond only 2 to 3 times background with a hand scintillometer (see Assay Table in Appendix). None of the holes show evidence of ancient soil or gravels lying below the volcanics, although a weakly consolidated material may well have been lost in light of the poor recoveries encountered. Contouring the surface of the intrusion (see Figure U-BN3) suggests a bedrock depression or channel may be developing immediately northwest of Hole B5.

CONCLUSION AND RECOMMENDATIONS

Drilling has shown that radioactivity is associated with acid tuffaceous portions of the Tertiary volcanic rocks and is concentrating both within them and at the weathered surface of the underlying stock. Although there is no direct evidence of a paleochannel, contouring of the intrusive surface suggests a depression is developing northwest of mineralized Hole B5.

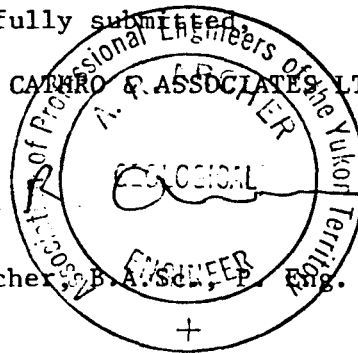
The Bun prospect occurs in a geological setting that has a higher than usual potential for hosting commercial grades of mineralization. This type of occurrence characteristically has poor, if any, surface expression and

requires detailed, closely spaced drilling in the initial exploration phase. Proving the existence of a significant deposit at the Bun property would make nearby areas with similar geology of considerable exploration interest. Further drilling is justified and should be done with NQ size equipment and mud circulation to improve recoveries. Consideration should be given to attracting outside participation if UJV budget priorities delay drilling here.

Respectfully submitted,
ARCHER, CAMERO & ASSOCIATES LTD.,

C

A.R. Archer, B.A. Sc., P. Eng.



ARA:jm

APPENDIX I

SAMPLING DETAILS1977 BUN DRILLING

<u>HOLE NO.</u>	<u>INTERVAL (FT.)</u>	<u>RECOVERY (FT.)</u>	<u>REPRESENTS (FT.)</u>	<u>PPM U</u>	<u>SCINT. IN CPS (20.3 CRYSTAL)</u>
B1	5.0 (?) - 28.5	2.5	23.5 (?)	4.0	
	28.5 - 30.0	1.5	1.5	1.5	
	30.0 - 33.0	1.0	3.0	0.5	
	45.0 - 47.0	2.0	2.0	0.5	
B2	0.0 (?) - 34.0	2.5	34.0 (?)	1.5	
	34.0 - 37.0	1.5	3.0	1.0	
	37.0 - 40.0	1.5	3.0	0.5	
	40.0 - 45.0	1.0	5.0	3.5	
	45.0 - 50.0	1.0	5.0	1.0	
	50.0 - 55.0	1.0	5.0	1.5	
B3	6.0 - 9.0	1.8	3.0	0.5	
	9.0 - 15.0	1.5	6.0	10.0	
	15.0 - 27.0	5.1	12.0	7.5	
	45.0 - 50.0	5.0	5.0	8.0	
B4	7.0 - 12.0	1.7	5.0	0.5	
	12.0 - 17.0	1.4	5.0	1.5	
	17.0 - 21.0	2.6	4.0	0.5	
	21.0 - 31.0	2.4	10.0	0.5	
	31.0 - 35.0	2.0	4.0	16.0	
B5	0.0 - 13.0	0.2	?	0.104%	60/32
	13.0 - 13.9 (?)	0.9	?	0.152%	140/32
	13.9 (?) - 21.0	0.9	?	190.0	
	21.0 - 23.0	1.3	2.0	155.0	
	23.0 - 32.0	4.2	9.0	38.0	
	32.0 - 36.0	1.0	4.0	105.0	
	36.0 - 41.0	0.8	5.0	34.0	
	41.0 - 45.0	2.0	4.0	21.0	
	45.0 - 47.3 (?)	2.3	2.3	4.5	
	47.3 - 47.4	0.1	0.1 (?)	190.0	
	47.4 - 50.0	1.5	2.6	18.0	
	50.0 - 56.0	0.8	6.0	24.0	
	56.0 - 63.0	5.2	7.0	16.0	
	63.0 - 68.0	1.8	5.0	5.3	
	68.0 - 75.0	1.9	7.0	4.5	
	75.0 - 80.0	0.8	5.0	155.0	
	80.0 - 80.7	0.7	0.7	100.0	36/32
	80.7 - 81.2	0.5	0.5	0.076%	70/32

(Cont...2

SAMPLING DETAILS

1977 BUN DRILLING

Cont'd

<u>HOLE NO.</u>	<u>INTERVAL (FT.)</u>		<u>RECOVERY (FT.)</u>	<u>REPRESENTS (FT.)</u>	<u>PPM U</u>	<u>SCINT IN CPS (20.3 cc CRYSTAL)</u>
B5	81.2	- 81.8	0.6	0.6	60.0	40/32
	81.8	- 83.2	1.4	1.4	85.0	40/32
	83.2	- 83.4	0.2	0.2	170.0	38/32
	83.4	- 83.6	0.2	0.2	360.0	48/32
	83.6	- 84.0	0.4	0.4	0.082%	54/32
	84.0	- 84.3	0.3	0.3	350.0	36/32
	84.3	- 87.0	0.6	2.7	105.0	40/32
	87.0	- 90.0	3.0	3.0	33.0	
B6	7.0	- 13.0	1.3	6.0	24.0	
	13.0	- 19.0	0.7	6.0	66.0	
	19.0	- 28.0	2.5	9.0	116.0	
	28.0	- 32.0	0.4	4.0	21.0	
	32.0	- 34.0	1.3	2.0	3.7	
	34.0	- 37.0	1.0	3.0	8.5	
	37.0	- 39.0	2.0	2.0	3.7	
	39.0	- 45.0	1.0	6.0	1.5	
	45.0	- 48.0	1.0	3.0	3.5	
	48.0	- 53.0	0.5	5.0	20.0	
	53.0	- 55.0	2.0	2.0	0.5	
	B7	0.0 (?)	- 22.0	1.3	22.0 (?)	0.5
22.0		- 26.0	4.0	4.0	0.5	

DRILL HOLE LOG

HOLE No. B1
PAGE OF

COORDINATES 745,62E
ELEVATION 3620
DIP -80°
AZIMUTH 192°
SCALE 1 IN = 10 FT.

CORE SIZE 1X
HOLE STARTED AUGUST 17, 1977
HOLE COMPLETED AUGUST 19, 1977
LOGGED BY M.P. PHILLIPS

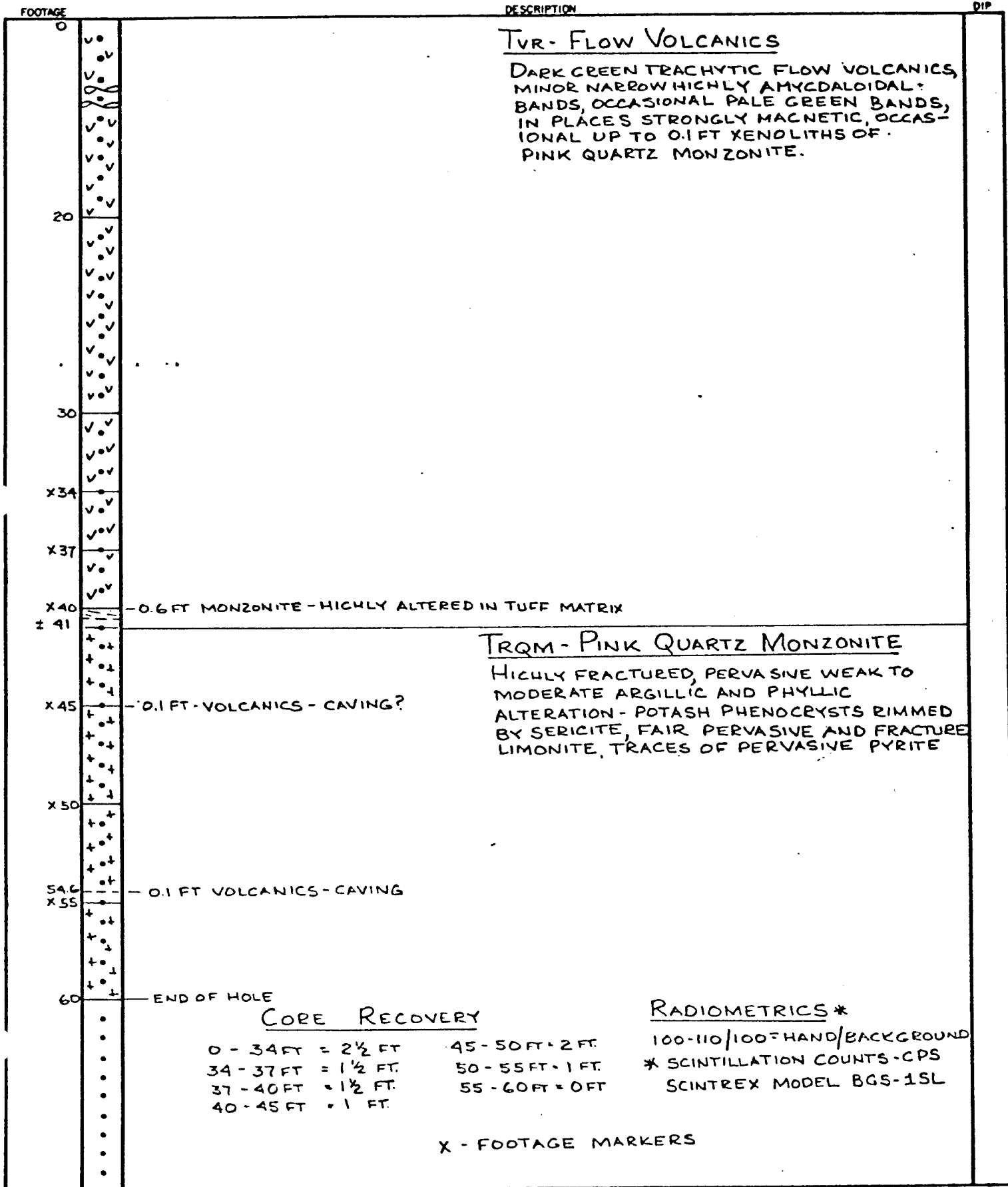
FOOTAGE	DESCRIPTION	DIP
10	<p><u>Tvr - Flow</u> XENOLITHS OF TRQM - PINK QUARTZ MONZONITE - LIGHT COLORED, FINE TO MEDIUM GRAINED, SLIGHTLY PORPHYRITIC, HORNBLENDE TO CHLORITE, WEAK ARGILLIC ALTERATION, LIMONITE ALONG FRACTURES, AND TRACES OF PYRITE IN A DARK GREEN TRACHYTIC VOLCANIC FLOW ROCK WITH OCCASIONAL ISOLATED AND BANDS OF FILLED AMYGDALES, WEAK FRACTURE AND DISSEMINATED MAGNETITE AND SPECULARITE.</p>	
20		
± 27.5	TUFF FRAGMENTS 0.1 FT BANDED TUFF	
± 28.5		
x 29.0	POTASH PHENOCRYSTS BLEACHED	
x 33.0	<p><u>TRQM - PINK QUARTZ MONZONITE</u> PINK, MEDIUM GRAINED, PHENOCRYSTS OF POTASH FELDSPAR UP TO 15 MM. SOMETIMES PRESENT, TRACES TO MINOR, DISSEMINATED AND RAPE CRACK FILLING PYRITE PRESENT. WEAK QUARTZ VEINING</p>	
x 37.0		
42.0		
47.0	END OF HOLE	
	<p><u>CORE RECOVERY</u></p>	
	<p>0 - 29 FT = 3 FT 37 - 42 FT = 4 FT 29 - 33 FT = 2 FT 42 - 47 FT = 5 FT 33 - 37 FT = 3 FT</p>	
	<p><u>RADIOMETRICS*</u></p>	
	<p>0 - 47 FT 100-120/100 (HAND/BACKGROUND)</p>	
	<p>* SCINTILLATION COUNTS - CPS SCINTREX MODEL BGS-1SL</p>	
	<p>X - FOOTAGE MARKERS</p>	

DRILL HOLE LOG

HOLE No. B2
PAGE 1 OF 1

COORDINATES 74S;34E
ELEVATION 3640 FT
DIP -80°
AZIMUTH 254°
SCALE 1 in = 10 FT.

CORE SIZE IAX
HOLE STARTED AUGUST 20, 1977
HOLE COMPLETED AUGUST 22, 1977
LOGGED BY M.P. PHILLIPS

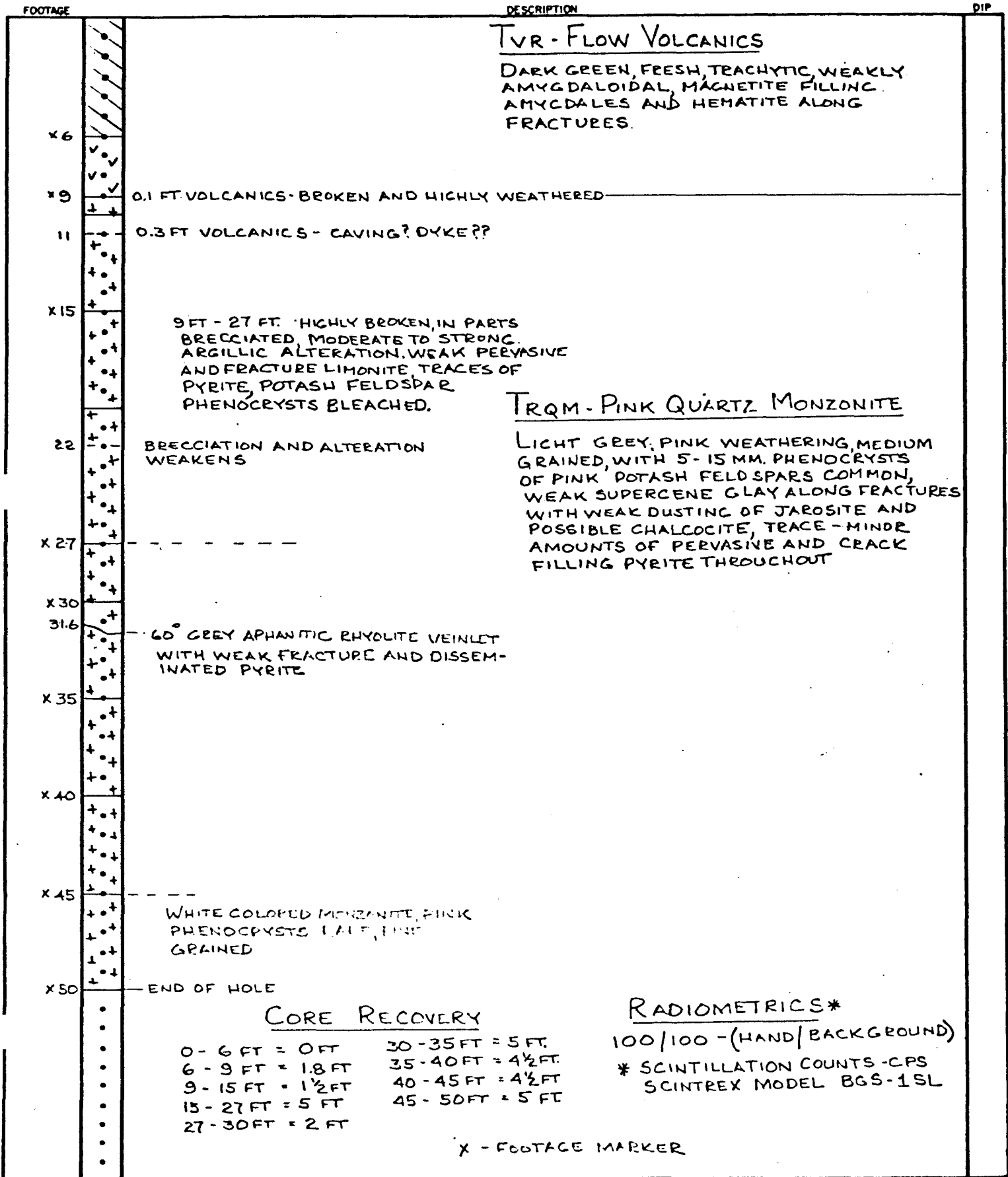


DRILL HOLE LOG

HOLE No. B3
PAGE 1 OF 1

COORDINATES 60S, 18E
ELEVATION 3655 FT.
DIP -60°
AZIMUTH 223°
SCALE 1 IN = 10 FT.

CORE SIZE IAX
HOLE STARTED AUGUST 22, 1977
HOLE COMPLETED AUGUST 22, 1977
LOGGED BY M.P. PHILLIPS



DRILL HOLE LOG

HOLE No. B4
PAGE 1 OF 1

COORDINATES 44S; 0E
ELEVATION 3655 FT
DIP - 65°
AZIMUTH 190°
SCALE 1 IN = 10 FT.

CORE SIZE IAX
HOLE STARTED AUGUST 24, 1977
HOLE COMPLETED AUGUST 28, 1977
LOGGED BY M. P. PHILLIPS

FOOTAGE	DESCRIPTION	DIP
x7	0.1 FT QUARTZ PORPHYRY - QUARTZ VEINED HIGHLY ALTERED, ABUNDANT FINE DISSEMINATED PYRITE AND LIMONITE COATED PYRITE - PYRITIC TUFF?	
	--- PYRITE VEINLET WITH 0.1 FT ALTERATION ENVELOPE	
x12	0.2 FT QUARTZ MONZONITE - PYRITIC	
12.9	0.4 FT. FELDSPAR PORPHYRY - STRONG PHYLIC ALTERATION - DYKE? 0.2 FT. XENOLITH - FOLIATED HORNBLENDE GRANODIORITE	
x17		
x21		
x27	0.1 FT XENOLITH - QUARTZ MONZONITE	
x31		
x35	END OF HOLE - ABANDONED - CAVING	

TVR - FLOW VOLCANICS

DARK TO PALE GREEN, TRACHYTIC, WEAKLY AMYGDALOIDAL, MINOR HORNBLENDE PHENOCRYSTS, MINOR DISSEMINATED PYRITE, WEAK HEMATITE AND SPECULARITE

TUFF VOLCANICS

BLACK, ABUNDANT 1/4 IN., OFTEN WELL PACKED FRAGMENTS OF PINK QUARTZ MONZONITE, OCCASIONAL UP TO 0.1 FT XENOLITH OF PINK QUARTZ MONZONITE, DYKE - 0.2 FT OF FLOW VOLCANICS CUTS TUFF

CORE RECOVERY

0 - 7 FT = 0 FT.	21 - 27 FT = 1.4 FT.
7 - 12 FT = 1.7 FT.	27 - 31 FT = 1 FT.
12 - 17 FT = 1.4 FT.	31 - 35 FT = 2 FT.
17 - 21 FT = 2.6 FT.	

RADIOMETRICS*

0 - 35 FT = 110/110 CPS (HAND/BACKGROUND)

* SCINTILLATION COUNTS - CPS
SCINTREX MODEL BGS-15L

DRILL HOLE LOG

HOLE No. B5
PAGE 1 OF 4

COORDINATES 77S;0E
ELEVATION 3700 FT
DIP - 70°
AZIMUTH 200°
SCALE 1 IN = 5 FT

CORE SIZE I AX
HOLE STARTED AUGUST 28, 1977
HOLE COMPLETED AUGUST 30, 1977
LOGGED BY M.P. PHILLIPS

ANGLE
TO
CORE AXI

FOOTAGE	DESCRIPTION	DIP
	<u>TVR - TUFF VOLCANICS</u>	
	0 - 13 FT = 0.9 FT RECOVERY	
	0.2 FT - RHYOLITE - PALE GREEN, BLEACHED, APHANITIC WITH FINE QUARTZ PHENOCRYSTS, OCCASIONAL QUARTZ VEINLET 35/35	
	0.2 FT - TUFF - DARK GREEN, FINE WHITE (CALCITE?) SPECKLING, PYRITE VEINING IN QUARTZ-CALCITE VEINLETS - 65/30	
	0.3 FT - FLOW VOLCANICS - TRACHYTIC 30/30	
	0.1 FT - TUFF - MASSIVE PALE GREEN MINOR PYRITE - 30/30	
	0.1 FT TUFF - BLACK WEAKLY BANDED TRACES OF PYRITE	70°
10		
x13	13 - 21 FT = 1.8 FT RECOVERY	
	0.6 FT. TUFF - SOFT - MODERATELY HARD WITH ABUNDANT UP TO 1/8" QUARTZ FRAGMENTS, UP TO 1/8" PYRITE-QUARTZ CALCITE VEINLETS. WEAK PERVASIVE AND FRACTURE LIMONITE 130/30	
	0.1 FT TUFF - BLACK WITH PYRITE VEINLET 120/30	
	0.2 FT. TUFF - BLACK, ABUNDANT 1/8" QUARTZ FRAGMENTS, WEAK DISSEMINATED PYRITE 80/30	
	0.6 FT TUFF - GREY TO KHAKI COLORED WITH WISPY BLACK LAMINATIONS 50/30	80°
	0.1 FT TUFF - BLACK, SOFT MUD 40/30	
20	0.2 FT TUFF - BLACK ABUNDANT 1/8" QUARTZ FRAGMENTS, MINOR TALC FRAGMENTS	
x21	TUFF - BLACK, BANDED, ABUNDANT BLACK GREY AND WHITE SPECKLED - 30/30	70°
x23	0.2 FT BLEACHED QUARTZ MONZONITE TRACE PYRITE	
	TUFF - BLACK KHAKI BANDED, WHITE SPECKLED, ABUNDANT BLACK, GREEN AND WHITE 1/16" FRAGMENTS, OCCASIONAL 1/8" - 0.1 FT XENOLITHS OF QUARTZ MONZONITE	65°
24.6	TUFF - BLACK, FINE WHITE SPECKLED OCCASIONAL UP TO 1/8" QUARTZ MONZONITE FRAGMENTS	
30		

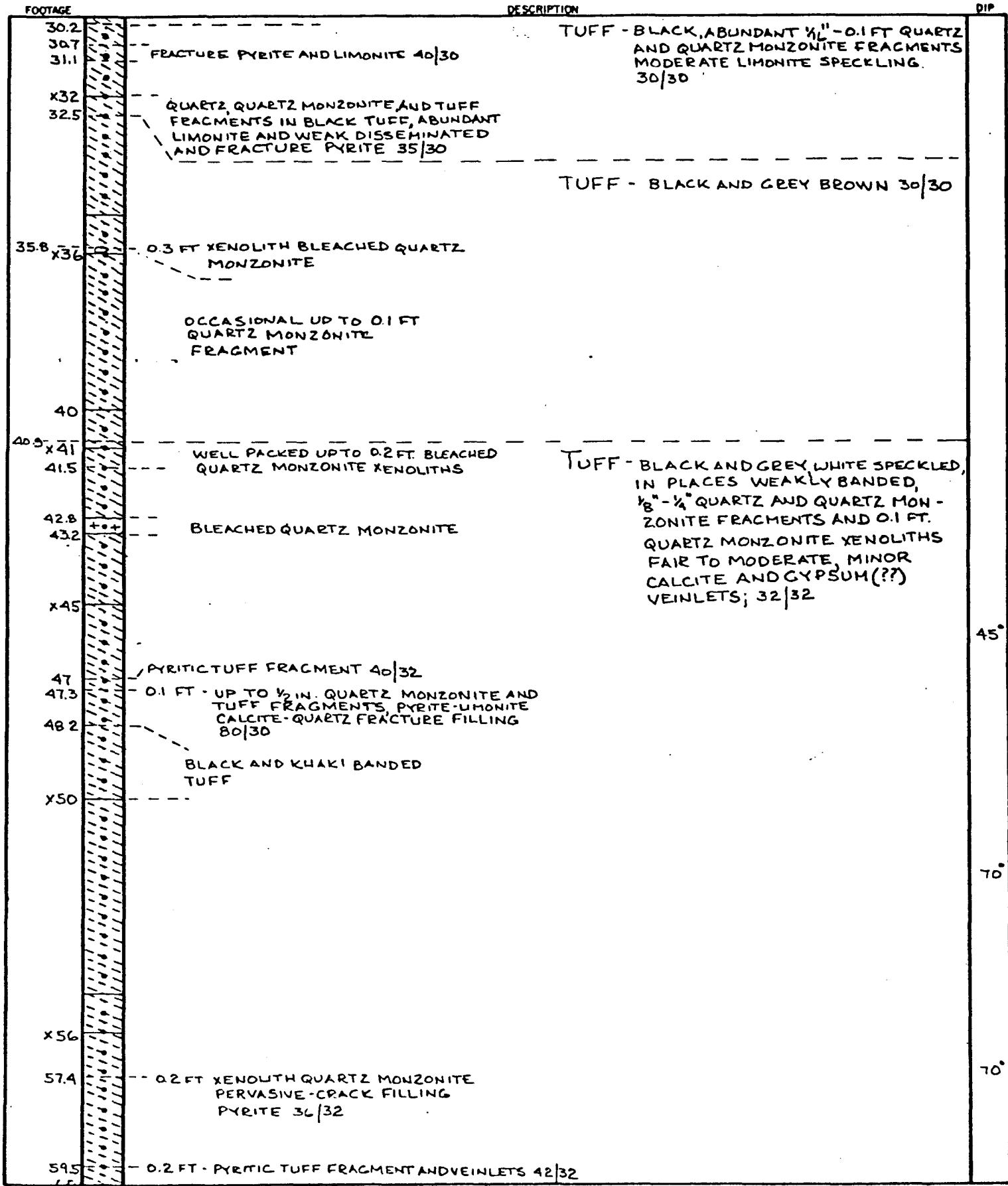
DRILL HOLE LOG

HOLE No. B5
PAGE 2 OF 4

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE 1 in = 5 FT

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

ANGLE
TO
CORE AX
DIP



DRILL HOLE LOG

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE 1 in = 5 FT

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP																
90	+																	
x92	END OF HOLE																	
	<u>CORE RECOVERY</u>																	
	<table border="0"> <tr> <td>0 - 13 FT = 0.9 FT.</td> <td>50 - 56 FT = 0.8 FT.</td> </tr> <tr> <td>13 - 21 FT = 1.8 FT.</td> <td>56 - 63 FT = 5.2 FT.</td> </tr> <tr> <td>21 - 23 FT = 1.3 FT.</td> <td>63 - 68 FT = 1.8 FT.</td> </tr> <tr> <td>23 - 32 FT = 4.2 FT.</td> <td>68 - 75 FT = 1.9 FT.</td> </tr> <tr> <td>32 - 36 FT = 1.0 FT.</td> <td>75 - 80 FT = 0.8 FT.</td> </tr> <tr> <td>36 - 41 FT = 0.8 FT.</td> <td>80 - 87 FT = 5.0 FT.</td> </tr> <tr> <td>41 - 45 FT = 2.0 FT.</td> <td>87 - 92 FT = 4.5 FT.</td> </tr> <tr> <td>45 - 50 FT = 3.8 FT.</td> <td></td> </tr> </table>	0 - 13 FT = 0.9 FT.	50 - 56 FT = 0.8 FT.	13 - 21 FT = 1.8 FT.	56 - 63 FT = 5.2 FT.	21 - 23 FT = 1.3 FT.	63 - 68 FT = 1.8 FT.	23 - 32 FT = 4.2 FT.	68 - 75 FT = 1.9 FT.	32 - 36 FT = 1.0 FT.	75 - 80 FT = 0.8 FT.	36 - 41 FT = 0.8 FT.	80 - 87 FT = 5.0 FT.	41 - 45 FT = 2.0 FT.	87 - 92 FT = 4.5 FT.	45 - 50 FT = 3.8 FT.		
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45 - 50 FT = 3.8 FT.																		
	<u>RADIOMETRICS</u>																	
	<p style="text-align: center;">SEE LOG CPS = HAND/BACKGROUND SCINTILLATION COUNTER SCINTREX MODEL BGS-1S</p>																	

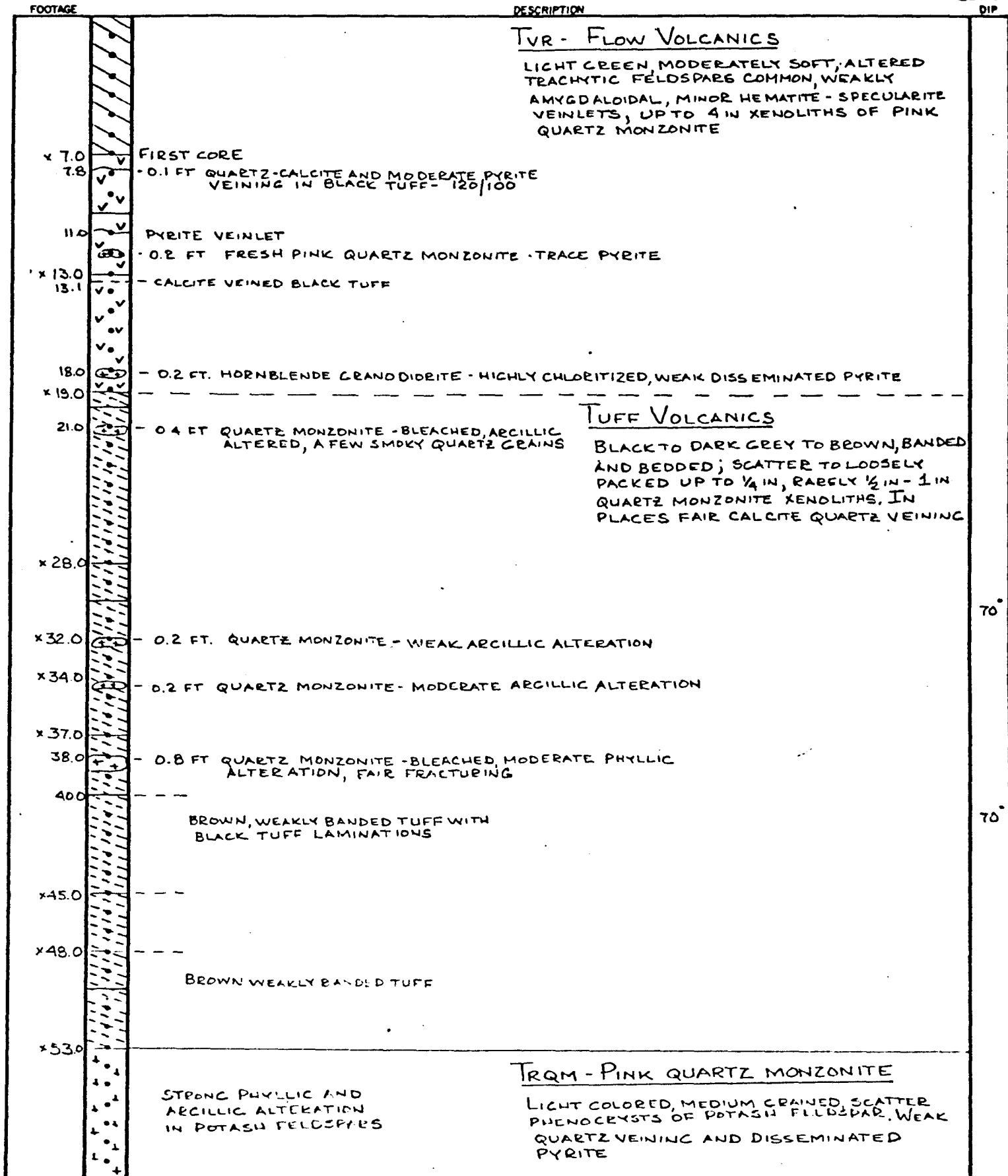
DRILL HOLE LOG

HOLE No. B6
PAGE 1 OF 2

COORDINATES 89S; 10E
ELEVATION 3705
DIP -70°
AZIMUTH 225°
SCALE 1 IN = 10 FT.

CORE SIZE IAX
HOLE STARTED AUGUST 31, 1977
HOLE COMPLETED SEPTEMBER 2, 1977
LOGGED BY M.P. PHILLIPS

ANGLE
CORE A
DIP



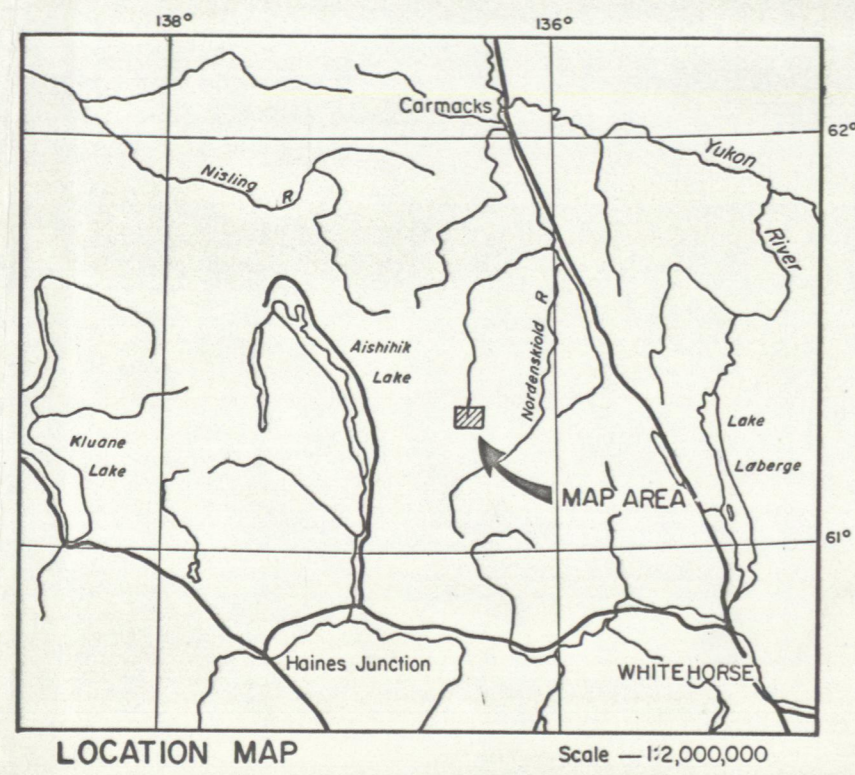
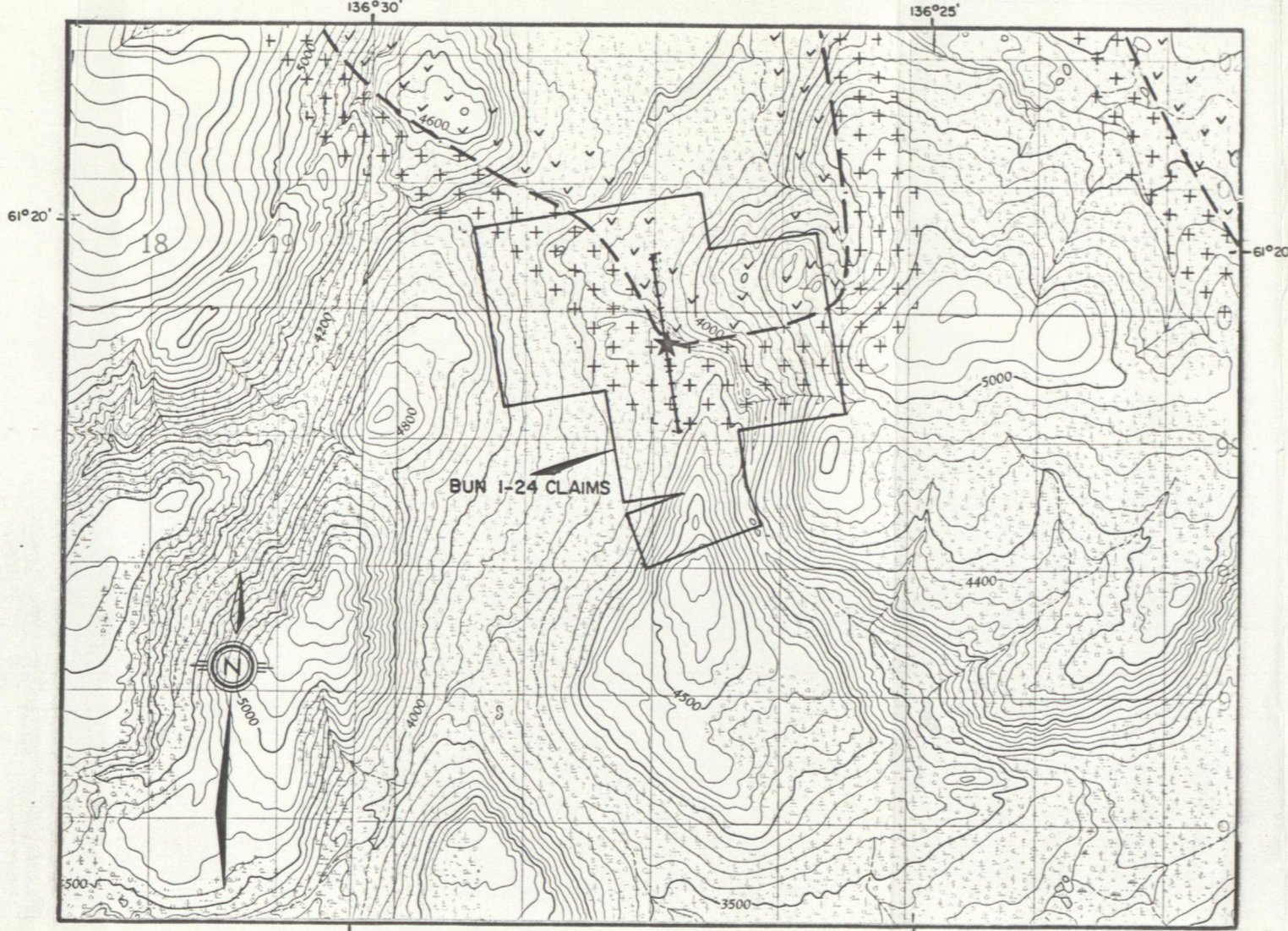
DRILL HOLE LOG

HOLE No. E7
PAGE 1 OF 1

COORDINATES 98S, 21E
ELEVATION 3705
DIP -70°
AZIMUTH - 120°
SCALE 1 IN = 10 FT.

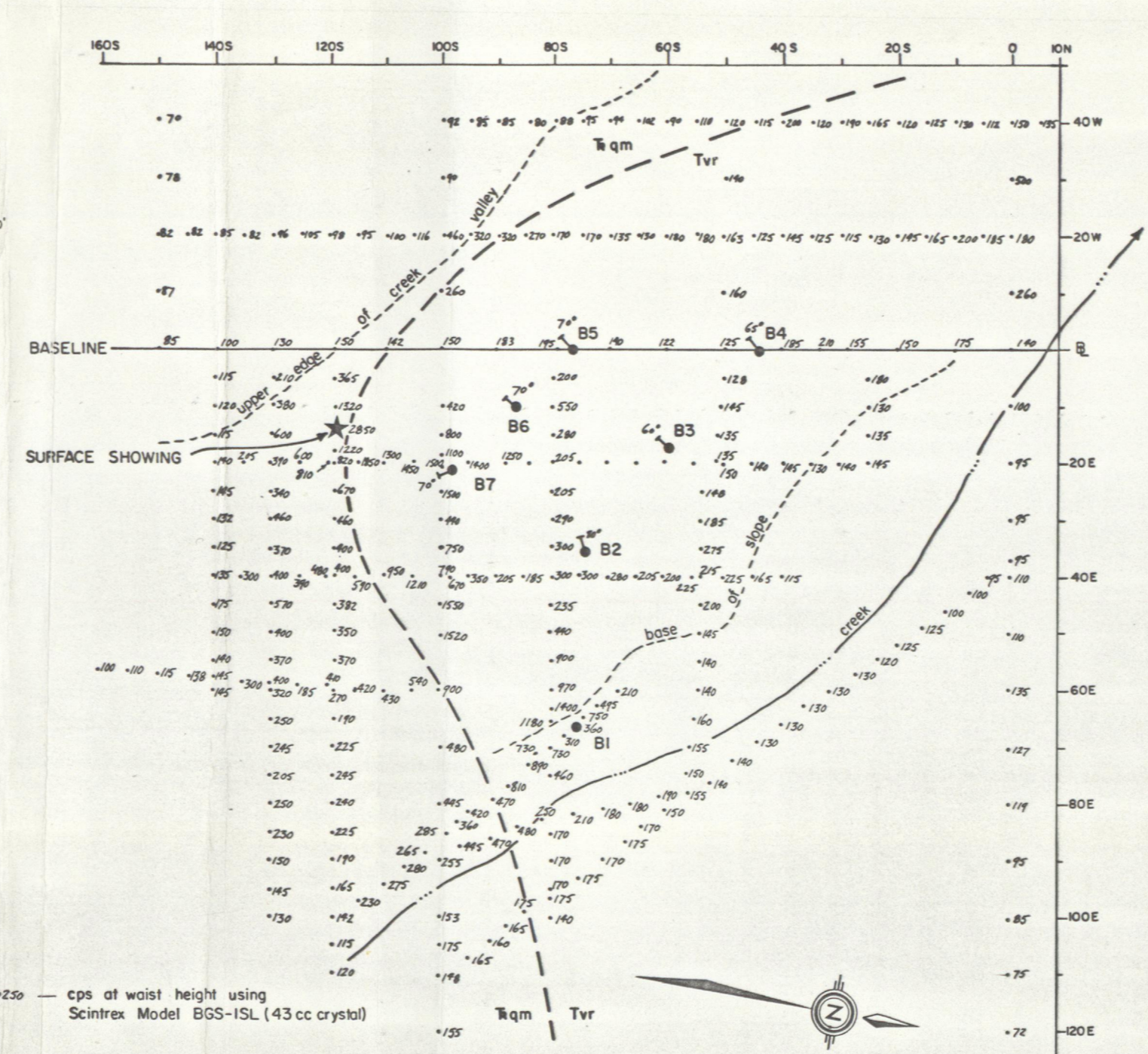
CORE SIZE I AX
HOLE STARTED SEPT 3, 1977
HOLE COMPLETED SEPT 3, 1977
LOGGED BY M.P. PHILLIPS

FOOTAGE	DESCRIPTION	DIP
x 22	<p><u>Tvr ? - TUFF?</u></p> <p>1.5 FT RECOVERY.</p> <p>0.4 FT - FLOW VOLCANICS</p> <p>1.0 FT - PINK QUARTZ MONZONITE - BLEACHED, POTASH FELDSPARS SLIGHTLY PHYLLIC ALTERATION</p> <p>0.1 FT - MUD & TUFF ON BOTTOM CONTACT OF QUARTZ MONZONITE</p>	
x 31	<p><u>TRQM - PINK QUARTZ MONZONITE</u></p> <p>BLEACHED, POTASH FELDSPARS TO SERICITE; STRONG PHYLLIC ALTERATION, MODERATE ARILLIC SUPERGENE ALTERATION; WEAK DISSEMINATED PYRITE, OCCASIONAL PYRITE VEINLET; MINOR QUARTZ VEINLES</p>	
END OF HOLE	<p><u>CORE RECOVERY</u></p> <p>0' - 22.0' -- 1.3'</p> <p>22.0 - 26.0 -- 4.0'</p>	
	<p><u>RADIOMETRICS*</u></p> <p>0 - 31 FT 100/100 (HAND/BACKGROUND)</p> <p>SCINTILLATION COUNTS = CPS</p> <p>SCINTREX MODEL BGS-1SL</p>	
	<p>X - FOOTAGE MARKER</p>	



Scale - 1:50,000
0 1000 2000
Metres

- Tvr Tertiary volcanics
- Tqm Triassic quartz monzonite
- Geological contact



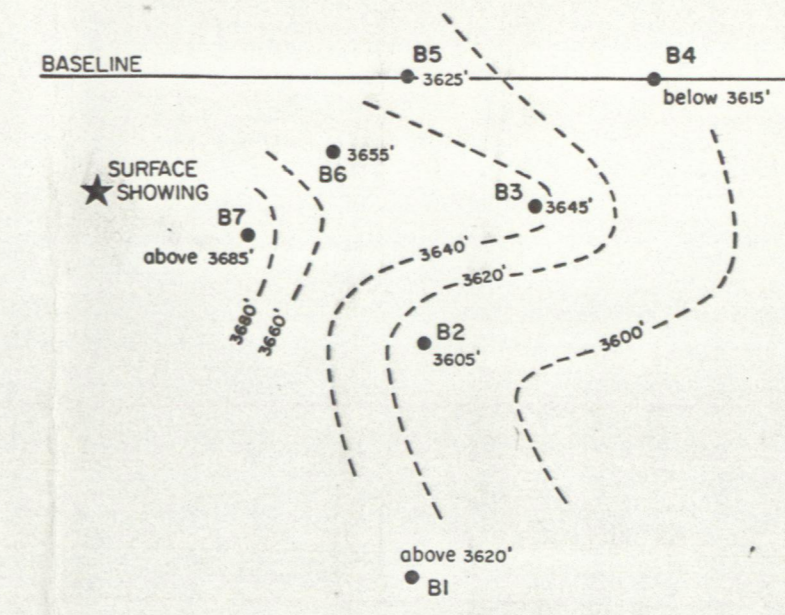
+250 cps at waist height using Scintrex Model BGS-ISL (43 cc crystal)

DRILL HOLE COLLAR ELEVATIONS

B1	3620'
B2	3640'
B3	3655'
B4	3655'
B5	3700'
B6	3705'
B7	3705'

Collar and dip of 1977 drill hole

Scale - 1:1000
0 10 20 30
Metres



CONTOUR MAP OF INTRUSIVE-VOLCANIC CONTACT

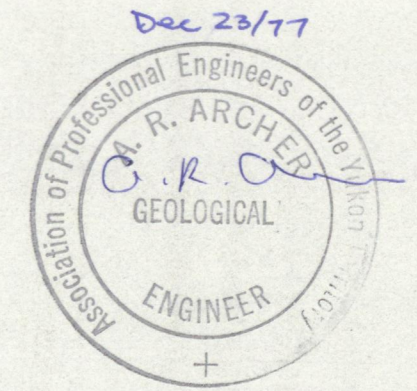


Fig. U-BN3

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**GEOLOGY, RADIOMETRICS
and DRILL HOLE LOCATIONS**

**BUN I-24 CLAIMS
UKON JOINT VENTURE**