

061622

REPORT ON DIAMOND DRILLING PROGRAM  
Bond 1 - 96 Claims

Mayo Mining District Y.T.  
Claim Sheet 106D/10

Lat.  $64^{\circ}40'N$  Long.  $134^{\circ}57'W$   
September 30, 1976

C.J. Riley

Geologist

REPORT ON DIAMOND DRILLING PROGRAM

BOND 1-96 CLAIMS

Mayo Mining District, Y.T.  
Claim Sheet 106D/10

September 30, 1976

Latitude  $64^{\circ}40'N$

Longitude  $134^{\circ}57'W$

Colin J. Riley

Geologist

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## BOND DIAMOND DRILL PROGRAM

### INTRODUCTION

The Bond showings were located in late August 1974 by Ogilvy Joint Venture (Standard Oil of B.C. Limited, Aquitaine Company of Canada Limited, Marietta Resources International Limited and Messrs. L. and H. Clay) managed by Archer, Cathro & Associates, Ltd. Further prospecting located the Bond II occurrence and staking was carried out during June and August, 1975. Work by the Wernecke Joint Venture during 1975 includes grid soil sampling and radiometric surveys plus trenching and hand sampling of the Bond I and II occurrence. The work in 1976 consisted of a diamond drill program of three holes for a total of 391.5 feet. The drilling was contracted to Wink International Exploration Drilling Limited. The drilling was performed from a camp established on the Bond claims which was supplied and supervised from a Bell 47G3B helicopter supported exploration field camp located at Fairchild Lake approximately 80 miles to the northeast. The drill camp was managed by geologist James Griffin who logged one hole under the direct supervision of geologist Colin J. Riley, who logged the other two holes. Griffin spent the period 7 August - 18 August on the claims. The program was managed by Archer-Cathro & Associates, Whitehorse, Y.T.

The work was conducted under Exploration Permit MX18/76 issued to Eldorado Nuclear Limited for work in the Yukon Territory by the Atomic Energy Control Board and Land Use Permit Y75J217 issued by the Regional Director, Forest and Lands Division, Dept. of Indian Affairs and Northern Development and Water Use Permit Y2A3-0590 issued under Section 11 of the Northern Inland Water Regulations.

PROPERTY LOCATION AND ACCESS

The Bond property consists of 96 contiguous mineral claims recorded in the Mayo Mining District as follows:

<u>CLAIM NAME</u>	<u>GRANT NUMBER</u>	<u>EXPIRY DATE</u>
Bond 1-4	Y97398-Y97401	27 March, 1981
Bond 5-8	Y97546-Y97549	27 March, 1981
Bond 9-56	Y97550-Y97597	27 March, 1979
Bond 57-72	YA1198-YA1213	27 March, 1977
Bond 73-96	YA1290-YA1313	10 September, 1976

The property is located at the headwaters of Bond Creek on NTS claim sheet 106D/10, 80 miles northeast of Mayo.

GEOLOGY AND MINERALIZATION

The topography of the area is a series of broad U-shaped tributary valleys to Bond Creek with steep headwalls and intervening ridges which fan out to the south from the wider flat valley of Bond Creek. Vegetation is sparse, consisting of scattered clumps of low willow and buck brush with a few stunted black spruce. Alpine glaciation was locally active in the late Pleistocene and most valley bottoms have a thin veneer of glacial fluvial till.

The mineralization is located in a block of meta-volcanics and breccias that occur as an erosional window through Ordovician and Silurian limestone and dolomite. The metavolcanics are strongly foliated in an easterly direction with steep northerly dips. Uranium mineralization was located in a brecciated portion of the metavolcanics which was mapped as an intraformational breccia because of its apparent sharp boundaries and conformable attitude. The unit is strongly foliated and most breccia fragments are augen shaped with a fine grained chlorite and clay rich matrix. The drilling and subsequent surface examination now indicates that the breccia is an intrusive explosive gas vent breccia. The mineralization is confined to this horizon.

The Bond I occurrence contains three mineralized zones called Bond Ia, Ib, and Ic that are partially exposed in a narrow steep-walled creek canyon up to thirty feet deep which cuts through a gentle upland surface covered by up to 10 feet of glacial fluvial

till. The Bond Ia and Ib zones, both of which are covered by talus, occur diagonally across the creek from each other and may represent the single continuous zone offset a few feet by a fault in the creek. The Bond II occurrence is located 3800 feet southeast of Bond I. Radioactivity is found in several discrete iron and manganese stained lencoid zones in the explosive gas vent breccia. The outcrop consists of frost broken bedrock situated on the east side of a small creek within a broad upland valley that has been scoured by Alpine glaciers and then partially covered by debris from the retreating ice. The zones appear to parallel the foliation which strikes a little north of west and dips slightly to the north.

#### DIAMOND DRILLING

##### Logistics

Diamond drilling was contracted to Wink International Exploration Drilling Limited of Richmond, B.C. and the camp, cook and radio communications were provided by Wernecke Joint Venture. A light portable Winkie drill unit and accessory equipment were mobilized to Hart Lake by fixed wing aircraft from Mayo and from there to the drill sites by Bell 47G3B helicopter. All holes were drilled with IAX equipment. Core recovery in hole B-1 was approximately 80%. Core recovery in holes B-2 and B-3 was almost 100%. Hole collars were located by topofill and compass from the survey grid established in 1975. Drill sites were prepared by hand and long moves made by helicopter and short moves by back-packing. Drill mobilization started on 6 August, 1976 and 391½ feet of drilling completed by 18 August, 1976.

Drill core was logged both at Bond and at Fairchild Lake base camp and is permanently stored in Dept. of Indian Affairs and Northern Development office in Whitehorse. Mineralized core was split and assayed by Chemex Labs Ltd., North Vancouver, B.C. for uranium. No unusual drill problems were encountered.

### Discussion and Assay Results

The location of the drill holes relative to surface topography and claims is illustrated on the location sketches for the sections. Core logs are included as Appendix 1 of this report.

Hole B-1 was drilled in the Bond Ib showing to determine whether mineralization was concentrated at depth. Previous work had indicated the possibility that the uranium mineralization at surface was out of equilibrium. Assays were considerably lower than were expected from radiometric readings. Also the mineralization at surface appeared to be associated with a barite dyke or zone. The hole intersected an intermediate tuffaceous volcanic which was in contact with a pale olive-green fine grained phyllite. The contact at 44 feet was only very slightly more radioactive than the surrounding core. The barite was intersected at 65 feet and no radioactive mineralization was detected. The hole was stopped at 127 feet. It would thus appear that the surface conjunction of mineralization and barite was fortuitous.

Holes B-2 and B-3 were drilled to test the Bond II showing. Hole B-2 was drilled to a depth of 178 feet and Hole B-3 advanced to overlap the projection of Hole B-2, was drilled to 96.5 feet. When seen in fresh core the rock previously assumed to be a volcanic intraformational breccia proved to be an intrusive explosive gas vent breccia. Rounded to subrounded buff fragments, some pinkish chert fragments and occasional darker green volcanic fragments were contained in a grey-green chloritic matrix. Both fragments and matrix were speckled with small euhedral magnetite grains, some of which had altered to hematite. Two zones returned favourable assays; 7.3 feet from 35' to 43' returned .173%  $U_3O_8$ , from 137.5' to 163.1' returned 24.3 feet grading point 0.092%  $U_3O_8$ . Within this, an 11.8 foot section starting at 146.8' graded 0.149%  $U_3O_8$ . A 7.3 foot section at

11.9' in hole B-3 graded 0.061% and an 18.3 foot section from 36.3' graded 0.068%  $U_3O_8$ . Radioactivity was background from 58' to the foot of this hole so drilling was stopped.

#### CONCLUSIONS

This drill program has first of all indicated a major change in the assumed geology of the area. What was originally assumed to be a series of volcanic horizons have turned out to be minor volcanics intruded and contorted by explosive gas vent breccia. The mineralization encountered in this drilling would indicate that the Bond I occurrence is of no further interest. The Bond II occurrence, however, exhibits sufficient uranium mineralization to indicate the necessity of further follow-up drilling. The location of the radioactive intersections confirms the lenticular nature of the mineralization. It is recommended that further drilling be undertaken along strike of this zone in areas covered by overburden to determine whether continuity of the lenses exists.

APPENDIX "A"





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 985-0648  
 AREA CODE: 604  
 TELEX: 043-52597

•ANALYTICAL CHEMISTS      •GEOCHEMISTS      •REGISTERED ASSAYERS

## CERTIFICATE OF ASSAY

TO: Archer Cathro & Assoc. Ltd.,  
 1016 - 510 W. Hastings St.,  
 Vancouver, B. C.

CERTIFICATE NO. 31775  
 INVOICE NO. 18388  
 RECEIVED Sept. 15/76  
 ANALYSED Sept. 29/76

ATTN: WJV

SAMPLE NO. :	% U <sub>3</sub> O <sub>8</sub>
G 7508	<0.001
7509	0.008
7510	0.002
7511	0.035
7512	0.102
7513	0.323
7514	0.043
7515	0.101
7516	0.034
7517	0.043
7518	0.034
7519	0.067
7520	0.012
7521	0.107
7522	0.022
7523	0.162
7524	0.025
7525	0.204
7526	0.017
7527	0.073
7528	0.010
7529	0.045
7530	0.003
7531	0.061
7532	0.001
7533	0.058
7534	0.004
7535	0.097
7536	0.019
7537	0.078
7538	0.027
7539	0.059
7540	0.008
7541	0.067
G 7542	0.005

CORE SAMPLES  
 MST + BOND



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

## DIP TESTS

TEST	FROM	TO	TOTAL	DIP		LATITUDE		DEPARTURE	
				CORR.		CUM.		CUM.	

## DIAMOND DRILL HOLE LOG

Project 514 Bond

ELDERADO NUCLEAR LIMITED

LOCATION Bond Claims  
SECTION \_\_\_\_\_  
LATITUDE 4 + 10 N  
DEPARTURE 00 E  
ELEVATION Surface  
CORE AXT  
STORAGE Whitehorse

HOLE No. B-1  
AZIMUTH 315°  
DIP -50°  
LENGTH 127.0'  
PURPOSE \_\_\_\_\_  
COMPLETED 10/8/76  
LOGGED BY C.J. Riley

FOOTAQE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
0.0	40.5	Start of core. Volcanic, intermediate tuffaceous, some argillaceous component medium grey, very fine grained, in places saturated with randomly oriented buff barite veinlets. 25% lost core, 3000 cpm.					%U <sub>3</sub> O <sub>8</sub>
40.5	44.0	Contact zone, brecciated grey volcanic saturated with milky white quartz and barite. 25% lost core. 3000 cpm.	40.5	44.0	3.5	7508	<0.001
44.0	45.0	Contact between grey volcanic and green phyllite. Sheared and mylonitized saturated buff barite and milky white quartz. 25% lost core. 5000 cpm.	44.0	45.0	1.0	7509	0.008
45.0	54.2	Contact zone. Brecciated green phyllite, sheared at 50°, heavily saturated with buff barite and milky quartz. 30% lost core, 3000 cpm.	45.0	54.0	9.0	7510	0.002
54.2	65.8	Phyllite - pale olive green, very fine grained, sheared 50° - 80° - contorted. Thin bands of buff barite conformable to shearing. Probably originally an intermediate volcanic. 30% lost core 3000 cpm.					
65.8	84.6	Barite vein, buff, medium grained, massive, with 30% milky white quartz 30% lost core 3000 cpm.					
84.6	107.4	Phyllite as at 65.8. 40° - 30° - 20°. 10% lost core 3000 cpm.					
107.4	109.3	Barite vein, buff with minor white quartz. Some brecciated fragments green phyllite. 3% pyrite in stringers. Sheared 30° 3000 cpm.					
109.3	127.0	Phyllite as at 65.8. 30% lost core 3000 cpm.					
	127.0	Foot of hole.					

Drilled by: Wink International Diamond Drilling  
Core size: AXT  
Driller: Sean Ivens  
Nothing left in hole  
Radiometrics: McPhar TV1-A #176-69

DIP TESTS

TEST	DIP			LATITUDE		DEPARTURE	
	FROM	TO	TOTAL	CORR.	CUM.	CUM.	CUM.

DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Bond Claims  
 SECTION \_\_\_\_\_  
 LATITUDE 160N  
 DEPARTURE 3860E  
 ELEVATION Surface  
 CORE AXT  
 STORAGE Whitehorse

HOLE No. B-2  
 AZIMUTH 180°  
 DIP -50°  
 LENGTH 178.0'  
 PURPOSE \_\_\_\_\_  
 COMPLETED 14/8/76  
 LOGGED BY C.J. Riley

FOOTAQE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
	0.0	Collar					
0.0	13.0	Boulders, clay					
13.0	22.9	Volcanic - intermediate to acid, pale green, very fine grained massive, occasional speck pyrite, occasional weak banding @ 50°.					%U <sub>3</sub> O <sub>8</sub>
22.9	41.2	Contact zone - sheared and brecciated. Like the volcanic at 22.9 at top of entry grading to breccia at foot of entry. Specks of magnetite, some altered to hematite start at 36.0. Two small pieces of brannerite @ 38.5' (80,000 cpm). Up to 5% pyrite in stringers and disseminations, one bleb of pyrite at 33.0' with alteration halo of limonite sheared @ 45°.	34.0	35.5	1.5	7511	0.035
			35.5	38.0	2.5	7512	0.102
			38.0	40.6	2.6	7513	0.323
			40.6	41.7	0.9	7514	0.043
41.2	124.8	Explosive breccia - buff rounded to subrounded fragments, maximum 5 cms. average 1-2 cms, occasional pinkish chert fragment with beige alteration halos. Matrix is grey-green chloritic and speckled with small euhedral magnetite grains (some altered to hematite). Thin conformable barite and quartz veining, sheared @ 60°, Flaser pattern in matrix. 35% of rock composed of fragments.	41.7	43.0	1.3	7515	0.101
			81.6	86.4	4.8	7516	0.034
124.8	125.8	Explosive Breccia - fragments are very small. Occasional fractured fragment jasper. Magnetite to 5%. Some fragments thinly banded.					
125.8	128.7	Chert Breccia - pink and beige rounded to subrounded fragments with "ghost" appearance in chloritic matrix. 60% fragments. Barite vein at 127.2. Bonds speckled with hematite. Calc-silicate altered by gas breccia.					
128.7	131.7	Shear zone - focus at 130.7'. Black mylonitized rock with barite filled tension fractures 30°. 5% magnetite green chloritic alteration.					
131.7	144.1	Breccia - rounded multiple sized pink-red fragments, some with visible banding, some carbonate, some chert, in a green chloritic matrix. Mottled texture, very fine grained. Bonds hematite grains alter magnetite, 1-2% disseminated pyrite. Altered calc-silicate due to explosive gas vent breccia.	137.5	141.0	2.5	7517	0.043
			141.0	142.4	1.5	7518	0.034
			142.5	145.5	3.0	7519	0.067
			145.5	146.8	1.3	7520	0.012

DIAMOND DRILL HOLE LOG

FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
144.1	146.9	Barite vein - beige, coarse grained, saturated with milky quartz, euhedral magnetite.	146.8	148.4	1.6	7521	0.107
146.9	164.5	Breccia - as at 144.1	148.4	149.0	0.6	7522	0.022
164.5	178.0	Explosive Gas Vent Breccia as at 124.8. Some sheared pink and beige fragments. Foot of Hole.	149.0	152.5	3.5	7523	0.162
			152.5	153.8	1.3	7524	0.025
			153.8	158.9	4.8	7525	0.204
			158.9	160.9	2.0	7526	0.017
			160.9	163.1	2.2	7527	0.073
			163.1	166.5	3.4	7528	0.010
			166.5	168.4	0.9	7529	0.045

Drilled by: Wink International Exploration Drilling  
 Driller: Sean Ivens  
 Core: AXT Nothing left in hole  
 Radiometrics: McPhar TV1-A # 176-69

## HOLE B-2

## Radiometric Log McPhar TV1-A

From	To	CPM	Remarks
0	23.0	3000	
23.0	24.2	4500	
24.2	25.3	4000	
25.3	27.0	6500	
27.0	33.3	3500	
33.3	34.0	2000	
34.0	34.5	8000	
34.5	35.5	15000	
35.5	38.0	4000	
38.0	39.1	40000	80,000 brannerite spot @38.9
39.1	40.1	20000	
40.1	40.6	30000	
40.6	41.7	9000	
41.7	42.3	18000	
42.3	43.0	30000	
43.0	45.0	4000	
45.0	81.6	3000	
81.6	82.3	15000	
82.3	83.3	6000	
83.3	84.5	12000	
84.5	85.4	4000	
85.4	86.4	10000	
86.4	94.1	4000	
94.1	110.0	3000	
110.0	124.7	6000	
124.7	129.0	5500	
129.0	133.2	6000	
133.2	134.0	8500	
134.0	135.0	6000	
135.0	136.0	9000	
136.0	136.8	6000	
136.8	137.5	7000	
137.5	138.0	14000	
138.0	139.2	7000	
139.2	141.0	17000	
141.0	141.3	9000	
141.3	141.9	8000	
141.9	142.5	6500	
142.5	143.0	17000	
143.0	144.5	7000	
144.5	144.8	15000	
144.8	145.0	22000	
145.0	145.3	37000	
145.3	145.5	12000	
145.5	146.8	6500	
146.8	147.2	35000	
147.2	148.0	18000	

HOLE B-2

From	To	CPM	Remarks
148.0	148.4	13000	
148.4	149.0	7500	
149.0	149.7	20000	
149.7	150.0	48000	
150.0	150.2	38000	
150.2	151.1	30000	
151.1	151.6	35000	
151.6	151.9	20000	
151.9	152.5	15000	
152.5	153.8	8000	
153.8	154.0	20000	
154.0	154.4	28000	
154.4	155.2	20000	
155.2	157.2	15000	
157.2	158.0	50000	
158.0	158.6	15000	
158.6	158.9	35000	O.S. spot @ 58.3
158.9	160.2	7000	
160.2	160.9	9000	
160.9	161.8	18000	40000 spot @ 161.5
161.8	162.1	15000	
162.1	163.1	12000	
163.1	163.8	8000	
163.8	164.9	6000	
164.9	166.5	5000	
166.5	168.4	13000	18000 spot @ 168.3
168.4	169.0	7000	
169.0	169.8	6000	
169.8	172.0	5000	
172.0	176.0	5500	
176.0	176.5	8000	
176.5	177.2	6000	
177.2	178.0	9000	Foot of hole

DIP TESTS

TEST	FROM	TO	TOTAL	DIP		LATITUDE		DEPARTURE	
				CORR.		CUM.		CUM.	

DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Bond Claims

SECTION \_\_\_\_\_

LATITUDE 040 N

DEPARTURE 3875E

ELEVATION Surface

CORE AXT

STORAGE Whitehorse

HOLE No. B-3

AZIMUTH 180°

DIP -50°

LENGTH 96.5

PURPOSE \_\_\_\_\_

COMPLETED 16/8/76

LOGGED BY J. Griffin

FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
0	11.0	Volcanic. Pale green mottled. Flow texture. Incipient brecciation. Thin bands of fine magnetite and sulphide grains @ 60°.	0	11.9	11.9	7530	%U <sub>3</sub> O <sub>8</sub> 0.003
11.0	22.0	Explosive Gas Vent Breccia - subrounded to rounded poorly sorted beige to pink fragments (maximum 3.5 cm, average 1 cm). Some laminated fragments, some pink fragments with beige alteration halos. Beige fragments carbonate, pink chert. 40-60% of rock is fragment. Matrix pale green chloritic material with some beige colour. Matrix content increased down core. 20-25% cpy and py in upper foot of unit. 1% hematite replacing euhedral magnetite. Magnetite as halos on chalcopyrite grains. Some barite-quartz veins. Sheared @ 60°.	11.9	19.2	7.3	7531	0.061
22.0	26.0	Barite vein - coarse grained, buff-beige.	19.2	31.3	12.1	7532	0.001
26.0	38.0	Explosive Gas Vent Breccia - as at 22.0. Subrounded beige and minor pink fragments form 50% of rock - beige carbonate and minor green chloritic matrix. 1-5% magnetite surrounding cpy grains, some altered to hematite. Abundant quartz and barite veins.	31.3	32.1	0.8	7533	0.058
38.0	56.0	Explosive Gas Vent Breccia - as at 38.0 but more highly sheared. Some darker "sooty" fragments, pink fragments more abundant. Much quartz-barite veining 42.0 - 43.5'. Vuggy porosity @ 49.0'. Vugs filled with light brown to black stained barite and quartz crystals, chalcopyrite, and graphite	32.1	36.3	4.2	7534	0.004
56.0	96.5	Explosive Gas Vent Breccia - 40-60% rounded to subrounded beige-grey laminated fragments (1 cm). Dark green grey matrix. Minor pink siliceous fragments. Hematite after euhedral magnetite 5%. Shearing 30° - 60°. Thin barite veins common.	36.3	41.6	5.3	7535	0.097
96.5	96.5	Foot of Hole.	41.6	42.9	1.3	7536	0.019
			42.9	48.3	5.4	7537	0.079
			48.3	49.4	1.1	7538	0.027
			49.4	52.3	2.9	7539	0.059
			52.3	53.6	1.3	7540	0.008
			53.6	54.6	1.0	7541	0.067
			54.6	58.0	3.4	7542	0.005

Drilled by: Wink International Exploration Drilling  
 Driller: Sean Ivens  
 Core: AXT  
 Nothing left in hole

Located: 670' North, 480' east of Post 2, Bond Y-97549  
 Radiometrics: McPhar TVL-A #176-91

## HOLE B-3

## Radioactive Log McPhar TV1-A

From	to	CPM	Remarks
0	10.8	5500	
10.8	11.6	8000	
11.6	11.9	9000	
11.9	13.8	23000	
13.8	14.1	15000	
14.1	14.8	22000	
14.8	16.0	11000	
16.0	17.0	21000	
17.0	18.0	9000	
18.0	19.2	15000	
19.2	20.5	7000	
20.5	26.6	5500	
26.6	27.7	6000	
27.7	28.9	7000	
28.9	30.9	5500	
30.9	31.3	6500	
31.3	32.1	20000	
32.1	34.9	6000	
34.9	36.0	6500	
36.0	36.3	8000	
36.3	36.6	23000	
36.6	37.1	10000	
37.1	37.3	20000	
37.3	38.0	9000	
38.0	38.6	25000	
38.6	39.3	50000	
39.3	40.0	35000	
40.0	40.5	20000	
40.5	41.0	15000	
41.0	41.2	8000	
41.2	41.6	23000	
41.6	42.9	7000	
42.9	43.3	16000	
43.3	43.9	8500	
43.9	44.4	20000	
44.4	45.3	30000	
45.3	45.7	16000	Spot 40000 @ 45.0'
45.7	47.1	22000	
47.1	47.8	12000	
47.8	48.3	23000	
48.3	49.4	6000	
49.4	50.2	17000	
50.2	50.7	22000	
50.7	51.1	18000	
51.1	51.7	7500	
51.7	52.3	15000	
52.3	53.6	6000	
53.6	54.6	20000	
54.6	56.0	5500	
56.0	58.0	4500	
58.0	96.5	3500	

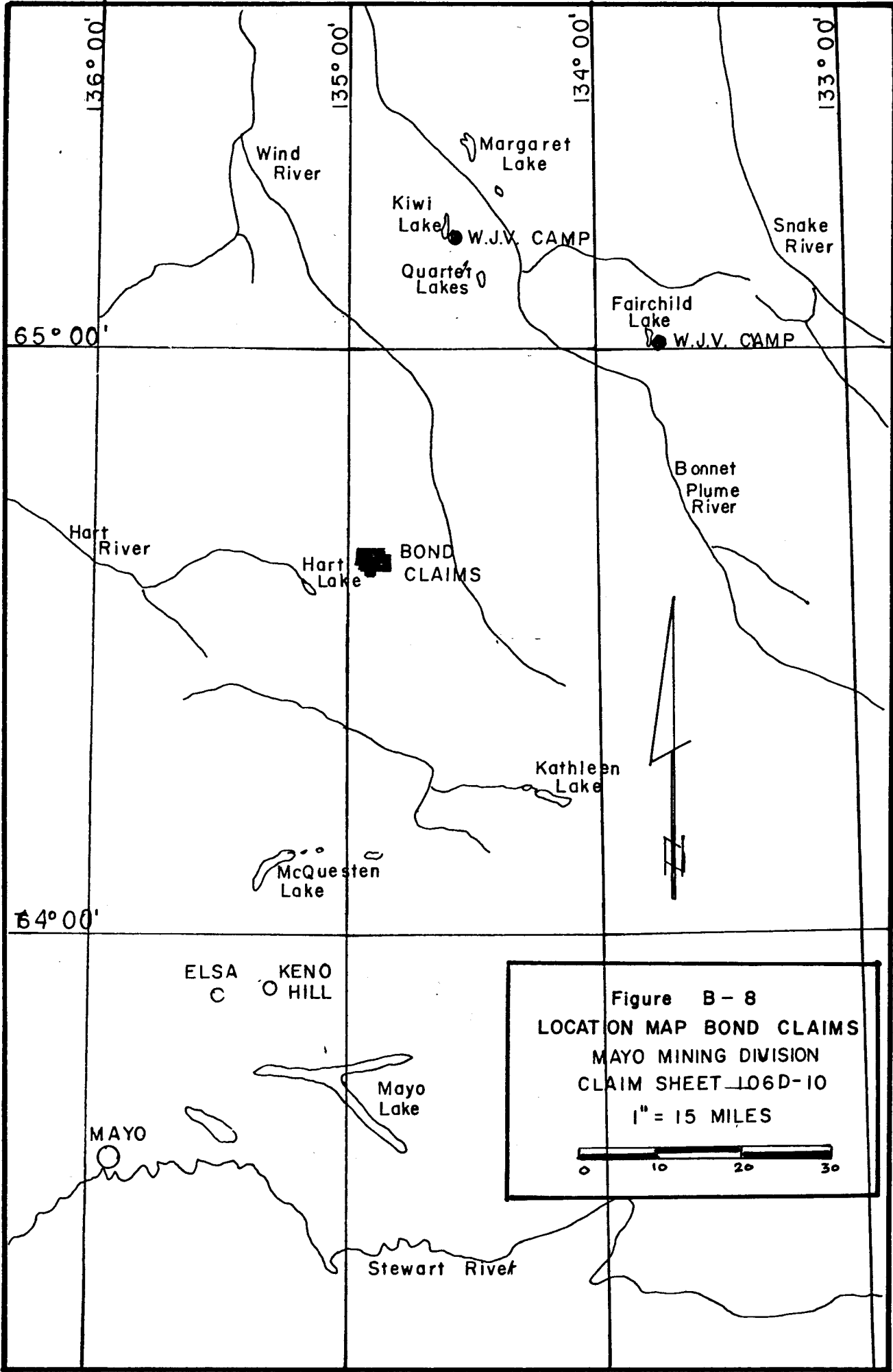


Figure B-8  
 LOCATION MAP BOND CLAIMS  
 MAYO MINING DIVISION  
 CLAIM SHEET 106D-10  
 1" = 15 MILES

BOND CREEK

YA1304 92	YA1308 91	YA1297 80	YA1296 79	YA1259 18	YA1258 17	YA1256 15	YA1257 16	YA1252 11	YA1253 12			
YA1311 94	YA1310 93	YA1294 82	YA1298 81	YA1261 20	YA1260 19	YA1254 13	YA1255 14	YA1250 9	YA1251 10			
YA1313 96	YA1312 95	YA1301 84	YA1300 83	YA1263 22	YA1262 21	YA1298 1	YA1299 2	YA1246 5	YA1247 6	YA1283 42	YA1282 41	
	YA1303 86	YA1302 85	YA1265 24	YA1264 23	YA1241 4	YA1240 3	YA1248 7	YA1249 8	YA1285 44	YA1280 43	YA1241 50	YA12190 49
	YA1205 86	YA1308 87	YA1149 58	YA1148 57	YA1267 26	YA1266 25	YA1275 34	YA1274 38	YA1287 46	YA1286 45	YA1243 52	YA1242 51
	YA1307 90	YA1306 89	YA1201 60	YA1200 59	YA1269 28	YA1268 27	YA1277 36	YA1276 35	YA1289 48	YA1288 47	YA1245 54	YA1244 53
	YA1203 62	YA1202 61	YA1271 30	YA1270 29	YA1279 38	YA1278 37	YA1211 70	YA1210 69	YA1287 56	YA1286 55		
	YA1205 64	YA1208 63	YA1273 32	YA1272 31	YA1281 40	YA1280 39	YA1213 72	YA1212 71	YA1241 74	YA1240 73		
	YA1207 66	YA1206 65	YA1204 68	YA1208 67			YA1245 78	YA1244 77	YA1243 76	YA1242 75		

B-1

B-2

B-3

BOND 1-95 CLAIMS  
MAYO MINING DIVISION  
CLAIM SHEET 106D-10  
1" = 1/2 MILE

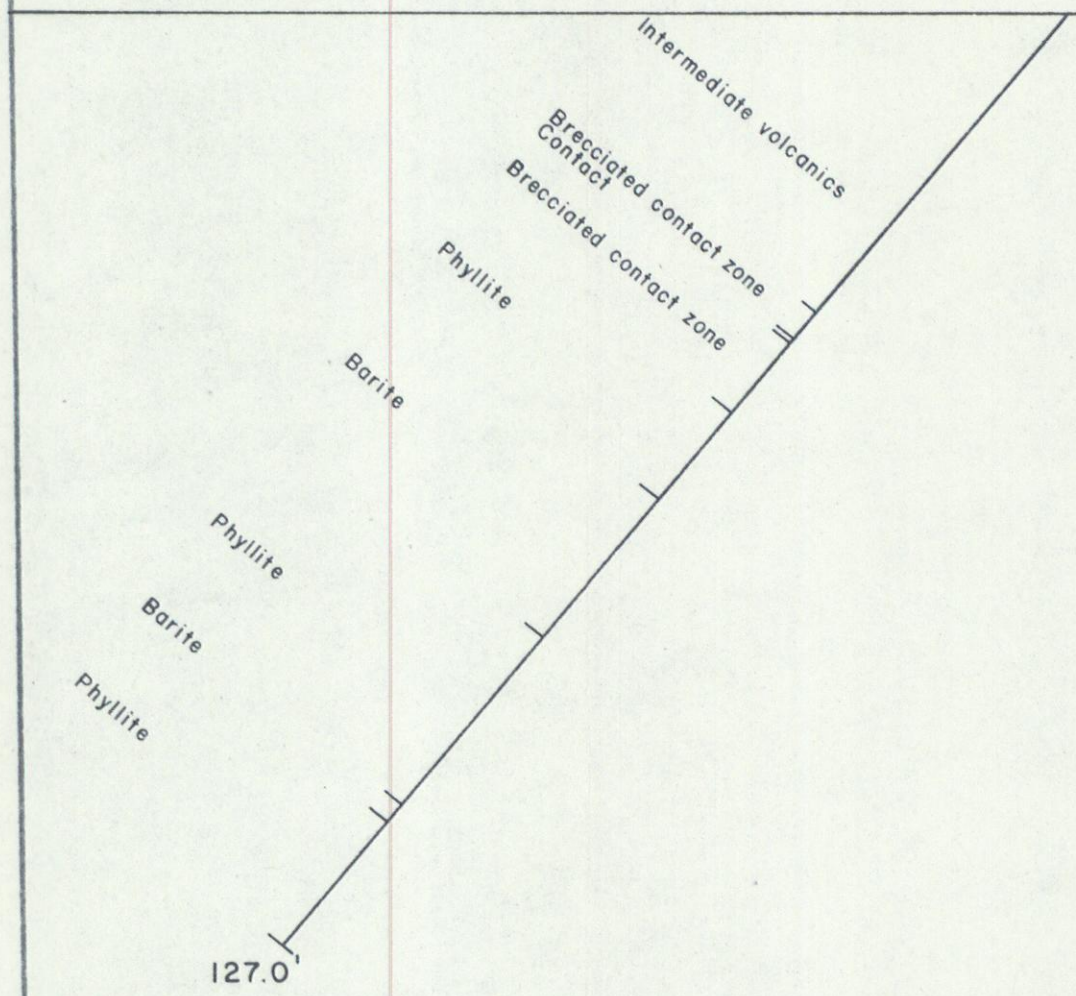
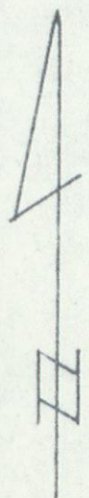
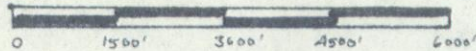


Figure B-9  
BOREHOLE B-1  
1" = 20'

BOND CREEK

YA1304	YA1300	YA1297	YA1296	YA1259	YA1258	YA1256	YA1257	YA1252	YA1253		
92	91	80	79	18	17	15	16	11	12		
YA1311	YA1310	YA1294	YA1298	YA12561	YA12560	YA12554	YA12555	YA12550	YA12551		
94	93	82	81	20	19	13	14	9	10		
YA1313	YA1312	YA1301	YA1300	YA12563	YA12562	YA12398	YA12399	YA12546	YA12447	YA12523	YA12522
96	95	84	83	22	21	1	B-1	5	6	42	41
YA1303	YA1302	YA12565	YA12564	YA12401	YA12400	YA12548	YA12549	YA12585	YA12584	YA12591	YA12490
86	85	24	23	4	3	7	8	44	43	50	49
YA1205	YA1308	YA1199	YA1198	YA12567	YA12566	YA12515	YA12514	YA12587	YA12586	YA12543	YA12542
88	87	58	57	26	25	34	38	46	45	52	51
YA1307	YA1306	YA1201	YA1200	YA12564	YA12568	YA12577	YA12576	YA12589	YA12588	YA12545	YA12544
90	89	60	59	28	27	36	35	48	47	54	53
YA1203	YA1202	YA12571	YA12570	YA12574	YA12578	YA1211	YA1210	YA12587	YA12586		
62	61	30	29	38	37	70	69	56	55		
YA1205	YA1204	YA12573	YA12572	YA12581	YA12580	YA1213	YA1212	YA1241	YA1240		
64	63	32	31	40	39	72	71	74	73		
YA1207	YA1206	YA1209	YA1208	YA1245	YA1244	YA1243	YA1242				
66	65	68	67	78	77	76	75				

BOND 1-95 CLAIMS  
MAYO MINING DIVISION  
CLAIM SHEET 106D-10  
1" = 1/2 MILE

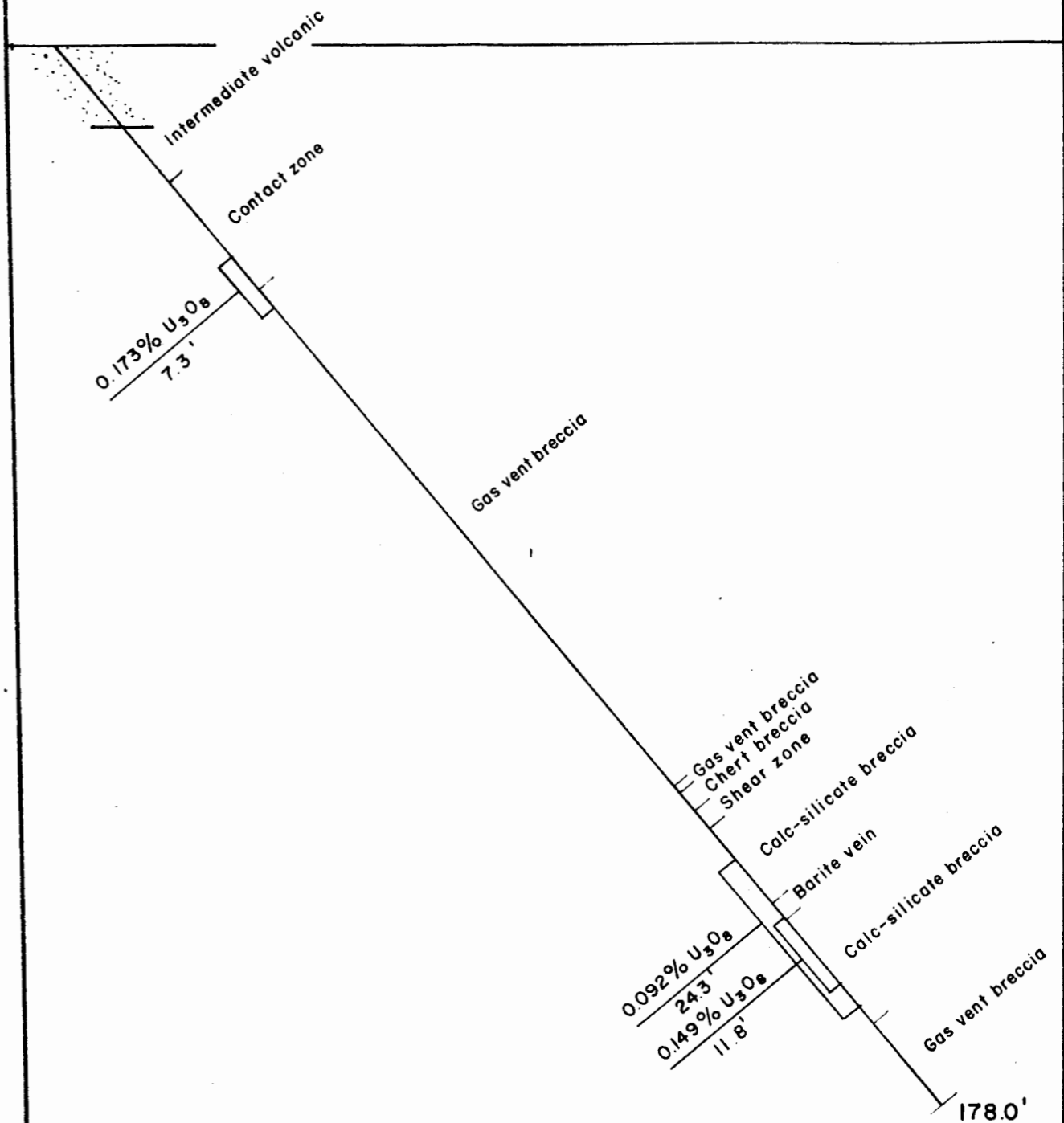


Figure B-10  
BOREHOLE B-2  
1" = 20'

BOND CREEK

YA1304	YA1308	YA1297	YA1296	Y97559	Y97558	Y97556	Y97557	Y97552	Y97553				
92	91	80	79	18	17	15	16	11	12				
YA1311	YA1310	YA1294	YA1298	Y97561	Y97560	Y97554	Y97555	Y97550	Y97551				
94	93	82	81	20	19	13	14	9	10				
YA1313	YA1312	YA1301	YA1300	Y97563	Y97562	Y97398	Y97399	Y97546	Y97447	Y97503	Y97502		
96	95	84	83	22	21	1	2	5	6	42	41		
		YA1303	YA1302	Y97565	Y97564	Y97401	Y97400	Y97548	Y97549	Y97595	Y97580	Y97541	Y9740
		86	85	24	23	4	3	7	8	44	43	50	49
		YA1205	YA1306	YA1199	YA1198	Y97567	Y97566	Y97515	Y97574	Y97587	Y97586	Y97513	Y97592
		88	87	58	57	26	25	34	38	46	45	52	5
		YA1307	YA1306	YA1201	YA1200	Y97569	Y97568	Y97577	Y97576	Y97589	Y97588	Y97545	Y97594
		90	89	60	59	28	27	36	35	48	47	54	53
		YA1203	YA1202	Y97571	Y97570	Y97574	Y97570	Y97570	Y97570	YA1211	YA1210	Y97587	Y97586
		62	61	30	29	38	37	70	69	56	55		
		YA1205	YA1204	Y97573	Y97572	Y97581	Y97580	YA1213	YA1212	YA1241	YA1240		
		64	63	32	31	40	39	72	71	74	73		
		YA1207	YA1206	YA1209	YA1208			YA1245	YA1244	YA1243	YA1242		
		66	65	68	67			78	77	76	75		

B-1  
B-2  
B-3

BOND 1-95 CLAIMS  
MAYO MINING DIVISION  
CLAIM SHEET 106D-10  
1" = 1/2 MILE

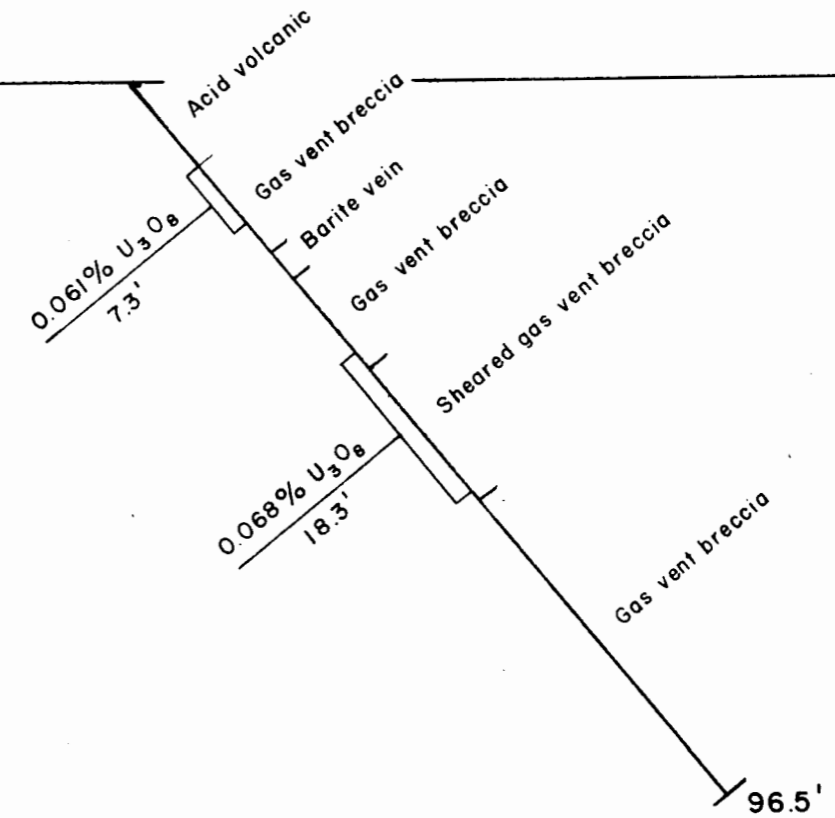


Figure B-II  
BOREHOLE B-3  
1" = 20'