FORM No. H.E. 443

DRILLING RECORD

AREA: PIEMAN	POSITION	CO-ORDINATES:	E:	N:
LOCATION: Hanging Rock Dam Spillway Site.		ON LINE: DH6546 BM 3637	BEARING: 0° 00'	AT CH:
GEOLOGICAL PLAN: SURVEY PLAN: 5367 564		AT STN: DH6546	BEARING: 176° 05'	DIST: 273'
DATES (a) DRILLED: 2-11-'63 5-11-'63 (b) WATER TABLE:	LEVEL.	SURFACE	COLLAR	WATER TABLE
METHOD: D.D. E1000 DIAMETER: N		754	756	
SITE REMARKS: On ridge at H.R.9.	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT./~~HOR./INC.~~	90°	

HOLE No. 6548

FILE No.

SHEET 1 OF 1 SHEETS

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %	GRAPHIC LOG	JOINTS No. Per Foot	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE
0'		1'-3"	N			0	Brown		
5'		3'-9"				0	Grey		
10'		one 9"				4			
15'		2'-6"				4			
20'		3'-3"				4			
25'		up to 18"				2			
30'						2			
35'		up to 12"				2			
40'						2			
45'		up to 20"				2			
50'						2			
55'									
60'									
65'									
70'									
75'									
80'									
85'									
90'									
95'									
100'									

W - weathered
Q - quartz
C - carbonate

REMARKS L - leached cavities
Py - pyrite

0'0" – 4'9" Fragments of quartz, greywacke & slate, up to 3" long. Driller reported sand & gravel. Gravel.

4'9" – 51'4" Grey interbedded greywacke & slate, "Farrell Slates Correlate", with quartz & carbonate filled joints, weathered & leached as indicated. Mainly sound rock below 15', but rock above satisfactory for spillway weir if grouted.

Many of the breaks indicated as joints are cleavage planes with orientations of 0°-20°, some with slickensides.

Hole completed at 51'4".

Logged by R. P. Mather Jan. '64.