

DRILLING RECORD

SCHEME - Mersey-Forth-Wilnot Investigation	POSITION	CO-ORDINATES	E.	N.	HOLE No. 5815
LOCATION - Lemnathyme Creek Penstock.		ON LINE ^{W14} W13	BEARING 0°00'	AT CH	
POSITION PLOTTED ON DRAWING No. S414875 1/2	LEVEL	FROM STN W14	BEARING 9°45'	DIST 84'	
DATES: (a) DRILLED Jan, 62 (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: D.D.	INCL	DIAMETER NX, BX BHLC.		1237.	
SITE REMARKS: Talus covered slope.		HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	
		VERT. HOR. INC.			SHEET / OF / SHEETS

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0					WT 0-8	0-2'6" Talus.
	5					Leakage 6 gal/hr at 25 lbs per sq. in.	
	10					W.T. 8'-10'	26"-24'6" Soft, yellowish brown weathered schist in lengths to 4".
	15					Leakage 4 gal/hr at 25 lbs per sq. in.	
	20					W.T. 19'-29'	24'6"-29' Dull, light bluish-grey, soft friable, weathered mica schist in broken pieces.
	25					Leakage 1.8 gal/hr min. at 30 lbs/sq. in.	
	30					W.T. 29'-38'	29'-38' light and dark bluish-grey, banded, medium hard to friable mica schist; moderately jointed. foliation dips 40° to 80°; core in lengths to 8".
	35					Leakage 1.6 gal/hr min. at 45 lbs/sq. in.	
	40					W.T. 38'-42'6"	38'-42'6" Probably weathered schist; core in broken pieces.
	45					Leakage 1.6 gal/hr min. at 45 lbs/sq. in.	
	50					W.T. 46'-56'	
	55					Leakage 0.8 gal/hr min. at 55 lbs/sq. in.	
	60					W.T. 56'-65'	
	65					Leakage 0.4 gal/hr min. at 65 lbs/sq. in.	
	70					W.T. 65'-74'	42'6"-100'5" light and dark bluish-grey banded medium hard mica schist; moderately jointed; joints tight; foliation dips 45° to 80°; core in lengths to 3'; broken along foliation planes.
	75					Leakage 0.2 gal/hr min. at 75 lbs/sq. in.	
	80					W.T. 74'-83'	
	85					Leakage 0.4 gal/hr min. at 85 lbs/sq. in.	
	90					W.T. 83'-92'	
	95					Leakage 0.2 gal/hr min. at 100 lbs/sq. in.	
	100					W.T. 92'-100'5"	Hole Completed 100'5"
							Logged by: S.S. Paterson 8.3.62.