

# DRILLING RECORD

SCHEME--MERSEY FORTH WILMOT INVESTIGATION	POSITION	CO-ORDINATES	E.	N.	HOLE No. 5802
LOCATION--Lemonthyme CK Penstock Line		ON LINE $\frac{L6}{L7}$	BEARING 0°00'	AT CH	
POSITION PLOTTED ON DRAWING No 5413876 $\frac{1}{3}$	LEVEL	FROM STN. L6	BEARING 182°0'	DIST 82'	FILE No.
DATES: (a) DRILLED May '60 (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: D.D. DIAMETER: BX, AX	INCL	927.			SHEET 1 OF 2 SHEETS
SITE REMARKS Talus slope at peg L5A.		HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0		0.2 0.4 0.6 0.8 1.0	△ . . . △ △ . . . △			0-4' Talus
	5			○ ○ ○ ○ ○	← 4' High 20' BX casing		
	10			○ ○ ○ ○ ○			
	15			○ ○ ○ ○ ○			
	20			○ ○ ○ ○ ○			4'-48' Drift - gravelly till consisting of boulders, pebbles, sand and silt; boulders of quartzite, dolerite and schist to 2" diameter.
	25			CAVED			
	30			○ ○ ○ ○ ○			
	35			○ ○ ○ ○ ○			
	40			○ ○ ○ ○ ○			
	45			○ ○ ○ ○ ○			
	50				Bedding Partings		48'7"-61'9" Greenish-brown clayey varves. Depositional dip 14 to 10°.
	55						
	60						61'9"-65'3" Black clayey varves
	65						65'3"-81'3" yellowish-greenish-brown silty to sandy varves. Depositional dip to 10°.
	70						
	75						
	80						
	85			△ ○ ○ ○ ○			81'3"-123' Hard tillite; sub-angular pebbles of quartzite, schist and dolerite to 3" diameter; arenaceous cement.
	90			△ ○ ○ ○ ○			
	95			△ ○ ○ ○ ○			
	100			△ ○ ○ ○ ○			

# DRILLING RECORD

SCHEME—MERSEY FORTH WILMOT INVESTIGATION		POSITION	CO-ORDINATES	E.	N.	HOLE No. <b>5802</b>
LOCATION—Lemonthyme Ck Penslock Line			ON LINE $\frac{L6}{L7}$	BEARING $0^{\circ}00'$	AT CH.	
POSITION PLOTTED ON DRAWING No. S413 876 $\frac{1}{3}$		LEVEL	FROM STN. L6	BEARING $182^{\circ}26'$	DIST. 82'	SHEET 2 OF 2 SHEETS
DATES: (a) DRILLED May. 60 (b) WATER TABLE			SURFACE.	FORMATION	WATER TABLE	
METHOD USED: D.D. DIAMETER BX, AXT.		INCL	927			
SITE REMARKS Talus slope at peg L5.A.			HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	
			VERT. HORING			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	10			o			
	5			o			
	10			o			
	15			o			
	20			o			
	25			o			
	30			o			123'-139" Hard, fresh bluish-grey quartz-mica schist; joints tight and clean; foliation dips at 65-70; core in lengths to 2ft.
	35			o			
	40			o			
	45						Hole Completed 139'4"
	50						Logged by: S. T. Paterson 16.6.60.
	55						
	60						
	65						
	70						
	75						
	80						
	85						
	90						
	95						
	100						