

DRILLING RECORD

SCHEME: <i>Mersey-Forth-Wilnot Investigation</i>		POSITION	CO-ORDINATES	E	N	HOLE No 5729
LOCATION: <i>Martha Creek Damsite</i>			ON LINE: <i>B4</i> <i>B5</i>	BEARING: <i>0°0'</i>	AT CH.	
POSITION PLOTTED ON DRAWING No. <i>A 8800</i> <i>541928751</i>		LEVEL	FROM STN. <i>B4</i>	BEARING <i>16°03'</i>	DIST <i>74</i>	FILE No
DATES: (a) DRILLED <i>Oct, 61.</i> (b) WATER TABLE			SURFACE	FORMATION	WATER TABLE	
METHOD USED <i>DD</i> DIAMETER <i>NX, BX, AX.</i>		INCL	<i>1075</i>			SHEET 1 OF 2 SHEETS
SITE REMARKS: <i>Alluvial flood-plain adjacent to left bank.</i>			HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	
			VERT. OR INC.			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0		0.00	0			
	5		0.00	0			<i>0-16'</i> Alluvium - boulders, pebbles, sand silt and clay; rounded to sub-angular boulders to 12" diameter mostly of dolerite, a few of quartzite and schist.
	10		0.00	0			
	15		0.00	0			
	20		0.00	0			
	25		0.00	0		W.T. 22'-23' Leakage Nil at 10 lbs per sq. in.	
	30		0.00	0		W.T. 32'-41' Leakage Nil at 40 lbs per sq. in.	
	35		0.00	0		W.T. 44'-53' Leakage Nil at 50 lbs per sq. in.	
	40		0.00	0		W.T. 53'-61' Leakage Nil at 60 lbs per sq. in.	<i>16'-94'</i> Dark bluish-grey, medium hard, much disturbed and contorted mica schist; closely jointed; joints tight and prominently slickensided; numerous quartz veins to 1" with pyrites; some quartz boudins; lengths to 3' and pieces broken by drillings; dip of foliation 45° to vertical.
	55		0.00	0		W.T. 61'-72' Leakage 0.2 galls per min at 70 lbs per sq. in.	
	60		0.00	0		W.T. 72'-82' Leakage 0.2 galls per min at 80 lbs per sq. in.	<i>61'</i> Medium hard chloritized schist
	75		0.00	0		W.T. 82'-92' Leakage 0.2 galls per min at 90 lbs per sq. in.	
	80		0.00	0		W.T. 92'-104' Leakage 0.2 galls per min at 100 lbs per sq. in.	<i>80'-83'</i> Band of light grey schistose quartzite.
	85		0.00	0		W.T. 94'-100' Leakage 0.2 galls per min at 100 lbs per sq. in.	
	95		0.00	0		W.T. 94'-100' Leakage 0.2 galls per min at 100 lbs per sq. in.	<i>94'-100'</i> Dark grey to black soft slickensided phyllite and schist.
	100		0.00	0		W.T. 94'-100' Leakage 0.2 galls per min at 100 lbs per sq. in.	

FAULT

DRILLING RECORD

SCHEME— <i>Mersey-Forth-Wilmot Investigation</i>	POSITION	CO-ORDINATES	E.	N.	HOLE No 5729
LOCATION— <i>Martha Creek Damsite</i>		ON LINE $\frac{84}{85}$	BEARING $80'$	AT CH.	
POSITION PLOTTED ON DRAWING No. <i>A 8800</i> <small>541928751</small>	LEVEL	FROM STN. <i>84</i>	BEARING $16^{\circ}03'$	DIST. <i>74</i>	
DATES: (a) DRILLED: <i>Oct, 61</i> (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: <i>DD.</i> DIAMETER <i>NX, BX, AX7.</i>	INCL	<i>1075</i>			
SITE REMARKS: <i>Alluvial flood-plain adjacent to left bank</i>		HOLE DRILLED	DEPRESSION ANG.	INCL BEARING:	
	VERT. HOR. INCL				SHEET 2 OF 2 SHEETS

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	100'		0.2 0.4 0.6 0.8 1.0				<p><i>100'-104' Dark bluish-grey, medium hard, much disturbed sand' con torted, mica schist; closely jointed; joints tight and slickensided; lengths to 6"; dip of foliation 45'.</i></p>
	105'						
	10'						
	15'						<i>Hole Completed 104'6"</i>
	20'						<i>Logged by:</i>
	25'						<i>S. J. Paterson</i>
	30'						<i>1. 11. 61.</i>
	35'						
	40'						
	45'						
	50'						
	55'						
	60'						
	65'						
	70'						
	75'						
	80'						
	85'						
	90'						
	95'						
	100'						