MAIN ROADS DEPARTMENT — ENGINEERING BORE LOG

FORM 23 2L (c) -/9/80

PROJECT FREDERICK STREET OVERPASS FOUNDATION INVESTIGATION

Sheet 1 of 2

HOLE No. 4

LOCATION 34445.451 E, 29397.659N, (Ch. 151, 2m Left Control)

REF. No. H 5851

DATUM AHD

JOB No. 140/U18B/ 201 PROJECT No. 1-563 DATE 3-4-87

SURFACE R.L. 15.63

AUGERING / CORE DRILLING / CASING / OTHER

DEPTH (m)	1:50 R.L.	STRATA DESCRIPTION: LITHOLOGY / SOIL TYPE OR WEATHERING	FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES: PARAMETERS & INDICES	MC (%) x / DD (t/m³) □
	15.63					x 31 x 32 x 33 x 34 / □ 1.40 □ 1.42 □ 1.44 □ 1.46
		FILL				
	14.93					
1		CLAY Brown, very stiff, moist slightly sandy	A20			
2		(USC = CL)	B		C = 135kPa Ø = 2.5°	⊡ X
	13.23					
3		Gravelly CLAY Grey and red mottled, stiff to hard, moist gravel to 5mm diameter Minor sand content throughout.	C17 D			
4		Gravel content dominant in parts.	E44			
5			F44			
		(USC = CL)				
6			G46			
	8.63					
8		Clayey SAND Grey, medium dense, moist. Sand fine to medium grained (USC = SC)	H27			
	7.23					
9		Clayey GRAVEL Grey and red mottled, dense, moist.	J38			

REMARKS

GEOL.

ENGR.

APPR.

S.P.T. _ _ mm | Core Loss | WEATHERED CONDITION | Extremely Weathered | Highly | Moderately Weathered | Slightly | Water Level ▽

NOTE
FOR TERMS AND SYMBOLS REFER TEST METHOD Q 188 - 1980

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

FORM 23 ZL (d) -/9/80

PROJECT FREDERICK STREET OVERPASS FOUNDATION INVESTIGATION

Sheet 2 of 2

HOLE No. 4

LOCATION

REF. No. H 5851

DATUM

JOB No. PROJECT No. DATE SURFACE R.L.

AUGERING / CORE DRILLING / CASING / OTHER	DEPTH (m)	1:50 R.L 5.63	STRATA DESCRIPTION: LITHOLOGY / SOIL TYPE OR WEATHERING	R.Q.D. ( )% CORE REC. %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES: INTACT STRENGTH (EH VH H M L VL) / DEFECT SPACING (EC VC C M W VW EW)
	1		Clayey GRAVEL Gravel up to 5mm diam. (USC=GC)	K42			
		4.63	HIGHLY WEATHERED Brown, clayey with hard rock kernels throughout.	L 50*/150			
	2						
	3		PHYLLITE - grey, fine grained, metamorphic rock	19			
	4	1.63	MODERATELY WEATHERED Foliation visible dips 10°-20°. Numerous thin contorted quartz veins throughout dipping parallel to foliation.	53		Clayey highly weathered band	
	5						
	6		Defect mainly low angle along foliation - defect planes brown ironstained with minor clay infilling.	57		Below 16.25m core becomes highly siliceous and most structure obscured. (Quartzitic)	
	7	-2.12		97			
	8		END OF HOLE				
	9						

REMARKS X Diametral Point Loads

GEOL.

ENGR.

APPR.

S.P.T. ___ mm Tube | Core Loss | WEATHERED CONDITION | Extremely Weathered | Highly Weathered | Moderately Weathered | Slightly Weathered | Water Level

NOTE
FOR TERMS AND SYMBOLS REFER TEST METHOD Q 188 - 1980 MATERIALS TESTING MANUAL