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

REMARKS

GEOL.
ENGR.
APPR.

S.P.T.



Core Loss

WEATHERED
CONDITIONExtremely
WeatheredModerately
Weathered

Slightly

Water
LevelNOTE
FOR TERMS AND SYMBOLS REFER
TEST METHOD Q 188 - 1980

PROJECT FREDERICK STREET OVERPASS FOUNDATION INVESTIGATION

Sheet 2 of 2

HOLE No. 4

LOCATION

REF. No. H 5851

DATUM

SURFACE R.L.

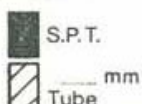
JOB No.

PROJECT No.

DATE

AUGERING CORE DRILLING CASE OR OTHER	DEPTH (m)	STRATA DESCRIPTION		R.Q.D. () % CORE REC. %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES	
		LITHOLOGY	SOIL TYPE OR WEATHERING				INTACT STRENGTH	DEFECT SPACING
							1H 2H 3H 4H 5H 6H 7H 8H 9H 10H 11H 12H 13H 14H 15H 16H 17H 18H 19H 20H 21H 22H 23H 24H 25H 26H 27H 28H 29H 30H 31H 32H 33H 34H 35H 36H 37H 38H 39H 40H 41H 42H 43H 44H 45H 46H 47H 48H 49H 50H 51H 52H 53H 54H 55H 56H 57H 58H 59H 60H 61H 62H 63H 64H 65H 66H 67H 68H 69H 70H 71H 72H 73H 74H 75H 76H 77H 78H 79H 80H 81H 82H 83H 84H 85H 86H 87H 88H 89H 90H 91H 92H 93H 94H 95H 96H 97H 98H 99H 100H	1H 2H 3H 4H 5H 6H 7H 8H 9H 10H 11H 12H 13H 14H 15H 16H 17H 18H 19H 20H 21H 22H 23H 24H 25H 26H 27H 28H 29H 30H 31H 32H 33H 34H 35H 36H 37H 38H 39H 40H 41H 42H 43H 44H 45H 46H 47H 48H 49H 50H 51H 52H 53H 54H 55H 56H 57H 58H 59H 60H 61H 62H 63H 64H 65H 66H 67H 68H 69H 70H 71H 72H 73H 74H 75H 76H 77H 78H 79H 80H 81H 82H 83H 84H 85H 86H 87H 88H 89H 90H 91H 92H 93H 94H 95H 96H 97H 98H 99H 100H
	1:50							
	R.L.							
	5.63							
	4.63	Clayey GRAVEL Gravel up to 5mm diam. (USC=GC)		K42				
		HIGHLY WEATHERED Brown, clayey with hard rock kernels throughout.		L 50% 150				
	2							
	3			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			57				
	7	Defect mainly low angle along foliation - defect planes brown ironstained with minor clay infilling .				Below 16.25m core becomes highly siliceous and most structure obscured. (Quartzitic)		
	-2.12	PHYLLITE - grey, fine grained, metamorphic rock		97				
	8	END OF HOLE						
	9							

REMARKS X Diametral Point Loads

GEOL.
ENGR.
APPR.NOTE
FOR TERMS AND SYMBOLS REFER
TEST METHOD Q 188 - 1980
MATERIALS TESTING MANUALWEATHERED
CONDITION

FREDERICK ST. OVERPASS F.1

START
11.75 M

HOLE 4
REF H5851

1 OF 1

APRIL 1987

