

RECORD OF BOREHOLE No 03-3

1 OF 2

METRIC

W.P. 143-94-00 LOCATION N 200335 E 99887 ORIGINATED BY GA
 DIST HWY 665 BOREHOLE TYPE 210 mm HOLLOW STEM AUGERS COMPILED BY WM/SS
 DATUM DATE 24.06.03 - 24.06.03 CHECKED BY SMS

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION SCALE	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT NATURAL MOISTURE CONTENT LIQUID LIMIT			UNIT WEIGHT γ kN/m ³	REMARKS & GRAIN SIZE DISTRIBUTION (%)
ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			SHEAR STRENGTH kPa		WATER CONTENT (%)				
								20 40 60 80 100		W _P	W	W _L		
								○ UNCONFINED + FIELD VANE ● QUICK TRIAXIAL × LAB VANE						
101.5								20 40 60 80 100		20 40 60				GR SA SI CL
0.0	SAND and GRAVEL Brown (FILL)						101			○				
100.6							100				○			
0.9	Silty CLAY , trace rootlets, trace iron oxide staining Stiff Mottled Brown to Light Brown (FILL)		1	SS	10		99							
							98				○			0 1 58 41
98.5							97				○			
3.1	Silty CLAY Firm to Soft Grey (CI)		2	SS	6		96							
							95				○			0 1 51 47
			3	SS	5		94							
94.3							93							
7.2	Silty CLAY Soft to Firm Varved		4	SS	4		92							
							91							
			5	SS	1		90							
							89							
			6	SS	3		88							0 0 51 48
							87							
			7	SS	2						○			
			8	SS	2									
			9	SS	2									
86.5														

Continued Next Page


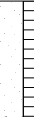


+³, ×³: Numbers refer to
Sensitivity 20
15 10 5 (%) STRAIN AT FAILURE

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ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			SHEAR STRENGTH kPa										
						20 40 60 80 100 ○ UNCONFINED + FIELD VANE ● QUICK TRIAXIAL × LAB VANE					WATER CONTENT (%)							
											20	40	60					
15.0	Silty CLAY Varved Soft Grey (Cl)		10	SS	2		86										0 0 57 42	
85.4																		
16.2	END OF SOIL SAMPLING AT 16.15m. SEE BOREHOLE 03-3R LOG FOR BEDROCK CORE.						85											
82.3							83											
19.2	END OF BOREHOLE AT 19.20m. GROUND WATER AT 4.0m DEPTH UPON COMPLETION OF DRILLING.																	