

RECORD OF BOREHOLE No B-1

1 OF 1

METRIC

W.P. 123-99-00 LOCATION STA. 23 + 921.7; O/S 5.2m. RT. CL HWY. 9 ORIGINATED BY A.B.
 DIST 3 HWY 9 BOREHOLE TYPE CONTINUOUS FLIGHT SOLID AUGER & CONE TEST COMPILED BY C.D.
 DATUM GEODETIC DATE 11.6.02 - 12.6.02 CHECKED BY E.F.

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION SCALE	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	UNIT WEIGHT γ	REMARKS & GRAIN SIZE DISTRIBUTION (%)
ELEV. DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE			"N" VALUES	SHEAR STRENGTH kPa					
348.7	Highway #9 Shoulder												
0.0	Sand, With/Some Gravel, Some/Trace Silt, Compact to Loose (Fill)												
346.7			1	SS	9								
2.0	Organic Silt, Some Sand, Firm												
345.3			2	SS	8						45.5	10.2	0 23 63 14
3.4	Clayey Silt, Some Sand, Trace of Gravel, Very Stiff to Hard												
			3	UD	PM								
			4	SS	31								1 19 55 25
			5	SS	27								
			6	SS	25								
			7	UD	PH								11 30 34 25
			8	SS	34								
339.6													
9.1	Heterogeneous Mixture of Gravel, Sand, Silt And Clay, Very Dense (Glacial Till)		9	SS	112/5cm								8 34 (58)
			10	SS	112/23cm								
			11	SS	60/5cm								Hard Drilling
			12	SS	61/13cm								14 30 (56)
335.5													
13.2	End of Borehole												

ONTARIO MOT. GPJ ONTARIO MOT. GDT. 30/12/03

+ 3, X 3: Numbers refer to Sensitivity ○ 3% STRAIN AT FAILURE