

RECORD OF BOREHOLE No 7

1 of 2 METRIC

Sta. 10+043 (Townline Rd.), 9m Rt. CL

Co-ords. 4 809 246 N; 241 392 E.

G.W.P. 1-00-00

LOCATION

ORIGINATED BY DJ

DIST SW

HWY 401

BOREHOLE TYPE

Continuous Flight Hollow Stem Augers

COMPILED BY MRA

DATUM Geodetic

DATE

November 14, 2001

CHECKED BY MRA

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			20	40	60	80	100					
321.03	Ground Surface																
0.00																	
320.68	Pavement, 110mm asphalt over 240mm silty sand and gravel																
0.35																	
	Sandy gravel fill, trace of silt to silty, occ. zones of silty sand, sandy silt and silt, trace of sand		1	SS	44		320										
	Compact to dense		2	SS	29		319										64 28 (8)
	Brown and grey		3	SS	16		318										Wopt=3.6%
	Moist		4	SS	15		317										MDD = 2.23 t/m ³
			5	SS	20		316										MWD = 2.28 t/m ³
			6	SS	24		315										
314.03			7	SS	36*		314										* Drove through asphalt
7.00	Buried pavement; 20mm asphalt over sand and gravel, some silt		8	SS	3		313										
313.73	Silty fine sand fill		9	SS	26		312										
7.30	Very loose		10	SS	32		311										
312.83	Brown Moist		11	SS	50		310										
8.20	Silty fine sand to fine sandy silt trace to some gravel, occ. layers of silt, trace of fine sand, trace of clay		12	SS	79		309										
	Compact to very dense						308										
	Light brown to Reddish brown						307										
	Moist		13	SS	59												7 41 49 3
308.03	Silt, trace of fine sand																
13.00	Very dense																
	Brown Moist																
306.83	Fine sandy silt																
14.20	Saturated																
	Compact Cont'd																

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ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			SHEAR STRENGTH kPa					WATER CONTENT (%)				
321.03	Ground Surface						20	40	60	80	100	20	40	60			
304.53	Fine sandy silt Saturated Compact (Cont'd)		14	SS	21											Sampler wet after sample 14.	
16.50	Silt, trace of fine sand, trace of clay Compact Brown		15	SS	23											0 1 96 3	
303.33	Silty fine sand to fine sandy silt, trace gravel Compact to Very dense Brown Saturated		16	SS	29**											**No recovery	
17.70																	
300.73			17	SS	69											0 33 66 1	
20.30	End of Borehole Borehole sidewalls caved at 17.40m upon auger withdrawal.																
298.18	End of Dynamic Cone Penetration Test																
22.85	2001-14- 01 Water Level observed upon completion of drilling																