

**RECORD OF BOREHOLE No ST4-9**

**1 of 1 METRIC**

**G.W.P.** 5634-03-01 **LOCATION** Co-ords. 5 142 328 N; 314 479 E. **ORIGINATED BY** MR  
**DIST** 54 **HWY** 69 **BOREHOLE TYPE** C.F.H.S.A. & NQ Rock Coring **COMPILED BY** PC  
**DATUM** Geodetic **DATE** April 27, 2003 **CHECKED BY** GD

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION SCALE	DYNAMIC CONE PENETRATION RESISTANCE PLOT					PLASTIC LIMIT w <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT w <sub>L</sub>	UNIT WEIGHT γ kN/m <sup>3</sup>	REMARKS & GRAIN SIZE DISTRIBUTION (%)
ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			SHEAR STRENGTH kPa									
246.9	Ground Surface							20	40	60	80	100					GR SA SI CL
0.0	Peat, fine fibrous		1	SS	6	▽*								35			
0.1	Dark brown Clayey silt																
245.7	Firm Brown Moist to stiff						246										
1.2	Silty clay		2	SS	7		245					135		40			
244.5	Very stiff Brown Moist																
2.4	Clayey silt						244							35			
	Firm Brown Wet		3	SS	2												
242.9	Silt, trace sand, trace clay						243										
4.0	Loose Grey Wet		4	SS	6	242							40				
241.5	Fine sandy silt																
5.4	Very loose Grey Moist		5	SS	WR**	241							35				
						240											
239.6	Bedrock Sound		6	RC	REC 100%												RQD 85%
7.3			7	RC	REC 98%	239											RQD 85%
			8	RC	REC 98%	238											
237																	RQD 90%
236.5	End of borehole																
10.4	Penetrometer test																
	2003 04 27																
	Water level observed during drilling																
	WR** Refers to penetration under weight of rods only																