

**RECORD OF BOREHOLE No 701-5M**

**1 of 2 METRIC**

**G.W.P.** 5556-02-00 **LOCATION** Hwy 69 Sta. 17+437.5, CL Med. **ORIGINATED BY** FP  
**DIST** 54 **HWY** 69 **BOREHOLE TYPE** C.F.H.S.A. + Dynamic Cone Penetration Test **COMPILED BY** PC  
**DATUM** Geodetic **DATE** March 05, 2003 **CHECKED BY**

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION SCALE	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC NATURAL LIQUID LIMIT MOISTURE LIMIT CONTENT			UNIT WEIGHT γ <sub>t</sub> kN/m <sup>3</sup>	REMARKS & GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			20 40 60 80 100	20 40 60 80 100	W <sub>p</sub>	W	W <sub>L</sub>		
234.4	Ground Surface													
0.0	Peat, coarse fibrous		1	SS	4		234							
0.2	Dark brown Silty clay trace sand trace gravel Firm Brown Moist grey silt partings Stiff (Till)		2	SS	8		233		137					
231.4							232							
3.0	Silty clay trace sand Firm Grey Moist to stiff		3	SS	7		231							
			4	SS	3		230							
	Grey Wet						229		2					
	Trace gravel with clayey silt seams		5	SS	4		228							
227.7							227							
6.7	Silt, trace sand trace clay sandy silt seams Loose Grey Wet to compact		6	SS	8		226							
			7	SS	3		225							
	silty sand seams						224							
			8	SS	WR**		223							
222.9							222							
11.5	Silty sand trace gravel Loose Grey Wet to compact		9	SS	WR		221							
			10	SS	WR		220							
220.1														
14.3	End of borehole													
	Cont'd													

ON\_MOT VER3 SWAMP 701- MARCH 7, 2003.GPJ ON\_MOT.GDT 07/09/2003 2:24:18 PM

+ , X<sup>5</sup> :

Numbers refer to  
Sensitivity

20  
15 5  
10  
(%) STRAIN AT FAILURE

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**2 of 2 METRIC**

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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION SCALE	DYNAMIC CONE PENETRATION RESISTANCE PLOT					PLASTIC NATURAL LIQUID LIMIT MOISTURE LIMIT CONTENT CONTENT			UNIT WEIGHT γ	REMARKS & GRAIN SIZE DISTRIBUTION (%)
ELEV. DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			20	40	60	80	100	W <sub>p</sub>	W	W <sub>L</sub>		
234.4																	GR SA SI CL
	Cont'd						219										
	End of dynamic cone penetration test																
	Refusal on probable bedrock																
	* 2003 03 05																
	▽ Water level observed during drilling																
	▼ Water level measured after drilling																
	■ Penetration Test																
	WR** Refers to penetration under weight of rods only.																