

PROJECT 11-1191-0007		RECORD OF BOREHOLE No H2-7		1 OF 2 METRIC	
G.W.P. 156-98-00		LOCATION N 5136317.2; E 273949.0		ORIGINATED BY AC	
DIST _____ HWY 17		BOREHOLE TYPE 108 mm I.D. Continuous Flight Hollow Stem Augers, NW Casing, Wash Boring		COMPILED BY EC	
DATUM Geodetic		DATE March 30, 2012		CHECKED BY SEMP	

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 kN/m ³	REMARKS & GRAIN SIZE DISTRIBUTION (%)	
ELEV DEPTH	DESCRIPTION	STRAT PLOT	NUMBER	TYPE	"N" VALUES			SHEAR STRENGTH kPa							WATER CONTENT (%)
								○ UNCONFINED	+ FIELD VANE						
						● QUICK TRIAXIAL	× REMOULDED								
239.9 0.0	GROUND SURFACE		1	SS	10										
	PEAT (Fibrous) Very soft Black Frozen to wet		2	AS	WH										
			3	SS	WH										
			4	SS	WH										
			5	SS	WH										
235.9 4.0	SILTY CLAY to CLAY Soft to stiff Grey Wet		6	SS	WH										
			7	SS	WH										
			8	SS	WH										
231.2 8.7	CLAYEY SILT Very soft Grey Wet		9	SS	1										
229.7 10.2	SILT, trace clay, trace sand Loose Grey Wet		10	SS	9										
			11	SS	10										
	Casing grinding was noted at 13.1 m depth.		12	SS	5										
225.6 14.3	END OF BOREHOLE														

SUD-MTO 001 11-1191-0007.GPJ GAL-MISS.GDT 17/03/14 DATA INPUT:

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



PROJECT 11-1191-0007

G.W.P. 156-98-00

DIST

DATUM Geodetic

LOCATION N 5136305.7; E 273942.7

BOREHOLE TYPE 108 mm I.D. Continuous Flight Hollow Stem Augers, NW Casing, Wash Boring

DATE April 3 and 4, 2012

1 OF 2

METRIC

ORIGINATED BY AC

COMPILED BY EC

CHECKED BY SEMP

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								WATER CONTENT (%)
								○ UNCONFINED	+ FIELD VANE	● QUICK TRIAXIAL						
239.8 0.0	GROUND SURFACE															
	PEAT (Fibrous) Very soft Black Frozen to wet		1	SS	1											
			2	SS	WH											
			3	SS	WH											
			4	SS	WH											
			5	SS	WH											
236.2 3.6	CLAY, varved Soft Grey to brown Wet		6	SS	WH											
7			SS	WH												
8			SS	WH												
9			SS	WH												
10			SS	4												
231.1 8.7	SILT, trace sand, trace clay Very loose Grey Wet		11	SS	3											
12			SS	11												
228.1 11.7	SAND and SILT, trace clay Very loose to compact Grey Wet		13	SS	3											
	Casing grinding was noted at 14.9 m depth.															

SUD-MTO 001 11-1191-0007.GPJ GAL-MISS.GDT 1703/14 DATA INPUT:

Continued Next Page

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

PROJECT 11-1191-0007		RECORD OF BOREHOLE No H2-4		1 OF 1 METRIC	
G.W.P. 156-98-00		LOCATION N 5136319.3; E 273911.6		ORIGINATED BY EHS	
DIST HWY 17		BOREHOLE TYPE 108 mm I.D. Continuous Flight Hollow Stem Augers, NW Casing, Wash Boring		COMPILED BY EC	
DATUM Geodetic		DATE April 11, 2012		CHECKED BY SEMP	

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								
239.7 0.0	GROUND SURFACE												
	PEAT (Fibrous) Very soft Black Frozen to wet		1	SS	7								
			2	SS	WH								
			3	SS	WH								
			4	SS	WH								
236.3 3.4	SILTY CLAY Soft Grey Wet		5	SS	WH								
			6	SS	WH								
			7	SS	WH								
232.8 6.9	SILT, trace to some clay Very loose Grey to brown Wet		8	SS	2								
230.8 8.9	Spoon attempted at 8.9 m depth, spoon bouncing.												
	END OF BOREHOLE SPOON REFUSAL (HAMMER BOUNCING)												
	Notes: 1. Water level at a depth of 0.3 m below ground surface (Elev. 239.4 m) upon completion of drilling.												

SUD-MTO 001 11-1191-0007.GPJ GAL-MISS.GDT 17/03/14 DATA INPUT:

PROJECT 11-1191-0007		RECORD OF BOREHOLE No H2-2		1 OF 1 METRIC	
G.W.P. 156-98-00		LOCATION N 5136284.4; E 273895.2		ORIGINATED BY AC	
DIST HWY 17		BOREHOLE TYPE 108 mm I.D. Continuous Flight Hollow Stem Augers		COMPILED BY EC	
DATUM Geodetic		DATE April 10, 2012		CHECKED BY SEMP	

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	NUMBER	TYPE			"N" VALUES	SHEAR STRENGTH kPa					
239.7	GROUND SURFACE											
0.0	PEAT (Fibrous) Black Frozen to wet	1	SS	3								
238.9	CLAYEY SILT Firm to stiff Grey to brown Wet	2	SS	4								
0.8		3	SS	8								
		4	SS	3								
		5	SS	WH								
		6	SS	15								
234.6	Sandy SILT, some gravel, trace clay Compact Grey Wet											
5.1												
233.7	Spoon bouncing at 5.9 m depth. END OF BOREHOLE AUGER REFUSAL											
6.0	Note: 1. Water level at a depth of 3.0 m below ground surface (Elev. 236.7 m) upon completion of drilling.											

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

SUDATO 001 11-1191-0007.GPJ GAL-MISS.GDT 17/03/14 DATA INPUT: