

CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT
PROJECT GATE CHAMBER UPGRADES
SITE Dowker Ave Gate Chambers
LOCATION 3 m South of Existing Gate Chamber
DRILLING METHOD 125 mm ø Solid Stem Auger

JOB NO. 06-107-11
GROUND ELEV.
TOP OF PVC ELEV.
WATER ELEV.
DATE DRILLED 21-Jun-06
UTM (m) N 5,522,644 Approx.
 E 633,696 Approx.

ELEVATION (m)	DEPTH (m) (ft)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	PIEZ. LOG	DEPTH (m)	SAMPLE TYPE NUMBER	RECOVERY %	SPT (N) blows/0.15 m ▲ DYNAMIC CONE (N) blows/ft △	POCKET PEN (kPa) ★ Cu TORVANE (kPa) ◆	
									PL	MC
			TOPSOIL (OL)							
			CLAY FILL (CL) - Black, moist, firm, low plasticity, trace silt, trace sand, trace gravel, crumbly.							
1			SILT (ML) - Light brown, moist, soft, fine grained, trace to no clay.							
5			CLAY (CH) - Mottled brown to light brown, moist, firm, high plasticity, trace silt, trace gypsum, trace oxidation.			S1				
2			SILT (ML) - Brown, moist, soft, fine grained, trace clay, trace oxidation.							
3			CLAY (CH) - Mottled brown to light brown, moist, firm, high plasticity, trace silt, trace gypsum, trace oxidation.			S2				
4										
5						S3				
6						S4				
7										
8						S5				
9						S6				
			- Grey, trace silt nodules, no oxidation below 7.01 m.							

SAMPLE TYPE Auger Grab Split Spoon

CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **D. ANDERSON**

APPROVED _____ DATE 13/6/07

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									PL MC LL %	
35	11		- Trace till inclusions below 10.34 m.			S7				
40	12		CLAY TILL (CI-CH) - Grey, moist, soft, intermediate to high plasticity, trace silt, trace coarse grained sand, trace gravel.		12.5	S8				
45	13		- Light grey below 14.33 m.			S9				
50	14					S10				
55	15		SILT TILL (ML) - Light grey, moist, dense, trace clay, trace sand, trace gravel.							
58	16									
60	17					S11	50	▲ 8 ▲ 50 See Note 2		
65	18									
70	19		AUGER REFUSAL AT 19.20 m			S12				
75	20		Note: 1. Water level at 18.77 m below ground after drilling. 2. Advanced SPT 75 cm in the second set after 50 blows. 3. Casagrande Tip Standpipe installed at 19.20 m, with an above ground casing and 0.91 m stickup. 4. Squeezing of the testhole below 10.67 m.							

SPT & TORVANE 2 P:\PROJECTS\2006\06-0107-11\GEOLOGS\06-107-11.GPJ

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