

GEOTECHNICAL INVESTIGATION 2008 SEWER RENEWALS KNOX STREET, PORTAGE AVE. TO LAVINA ST.

Prepared for STANTEC CONSULTING LTD. 905 WAVERLEY STREET WINNIPEG, MANITOBA R3T 5P4

Prepared by
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Project No.:STA-806	Drawn by: KK	Figure: 1
Date: May 15, 2008	Reviewed by: DF	Scale: NTS

Testhole Location Plan 2008 Sewer Renewals Knox Street, Portage Ave to Lavina St Winnipeg, Manitoba

TESTHOLE TH1



Project Name: 2008 Sewer Renewals Client: Stantec Consulting Ltd

Site: Knox Street, Portage Avenue to Lavina Street

Date Drilled: May 14, 2008 Depth of Testhole: 4.6 m Logged by: Keith Villiers

Testhole Location: 1.5 m east of the west curb, at north property line of 624 Knox Street

	Subsurface Profile		Laboratory Testing	
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 100	
0.0-		Ground Surface		
0.0- - - - 0.5-		Topsoil Clay - black, stiff, moist, high plasticity, with trace rootlets to 0.6 m depth - brown below 0.6 m - trace gypsum inclusions below 2.3 m - trace silt and gravel inclusions at 4.2 m	27	
1.0-				
1.5— - -			26	
2.0			34	
2.5-			40	
3.0-			42	
3.5- - -				
4.0- - -	(4) 34 A 44 34			
4.5		Silt Till - tan, soft, moist, non plastic, with gravel Testhole was terminated at 4.6 m		
5.0- - - -		No water seepage or soil sloughing was observed during and upon completion of drilling		
5.5 <i>-</i>				

TESTHOLE TH2



Project Name: 2008 Sewer Renewals **Client: Stantec Consulting Ltd**

Site: Knox Street, Portage Avenue to Lavina Street

Date Drilled: May 14, 2008 Depth of Testhole: 4.6 m Logged by: Keith Villiers Testhole Location: 0.6 m west of the east curb, 3 m north of the south property line of 638 Knox Street

Subsurface Profile Laboratory Testing Water Content Depth **Symbol** Description (m) 60 80 100 **Ground Surface** Concrete **Granular Base** - 20 mm maximum aggregate size 0.5 32 - brown, stiff, moist, high plasticity - trace gypsum inclusions below 2.3 m - trace silt and gravel inclusions at 3.1 m 1.0 1.5 2.0 2.5 3.0 3.5 • Testhole was terminated at 4.6 m • Traces of silt till were observed on the tip of the drilling bit upon 5.0 completion of drilling • No soil sloughing or water seepage were observed during and upon completion of drilling 5.5

TESTHOLE TH3



Project Name: 2008 Sewer Renewals Client: Stantec Consulting Ltd

Date Drilled: May 14, 2008 Depth of Testhole: 4.4 m

Site: Knox Street, Portage Avenue to Lavina Street Logged by: Keith Villiers Testhole Location: 0.6 m west of the east curb, 6 m north of the south property line of 668 Knox Street **Subsurface Profile Laboratory Testing Symbol** Description (m)

