

APPENDIX 'A'

GEOTECHNICAL REPORT

APPENDIX 'A' - GEOTECHNICAL REPORT

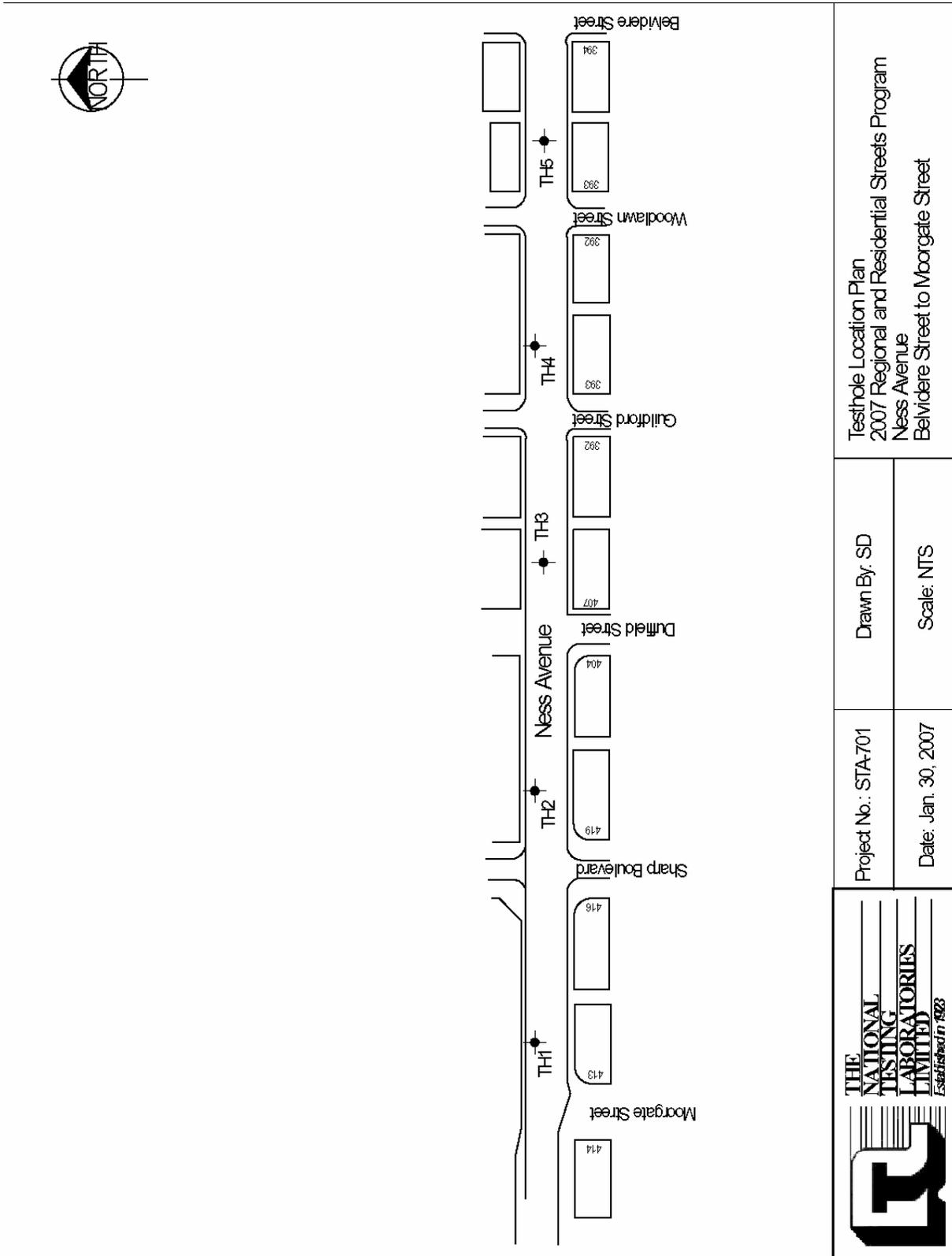
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The geotechnical report is provided to aid in the Contractor's evaluation of the existing pavement structure and/or soil conditions. The information presented is considered accurate at the locations shown on the Drawings and at the time of drilling. However, variations in pavement structure and/or soil conditions may exist between test holes and fluctuations in groundwater levels can be expected seasonally and may occur as a result of construction activities. The nature and extent of variations may not become evident until construction commences.

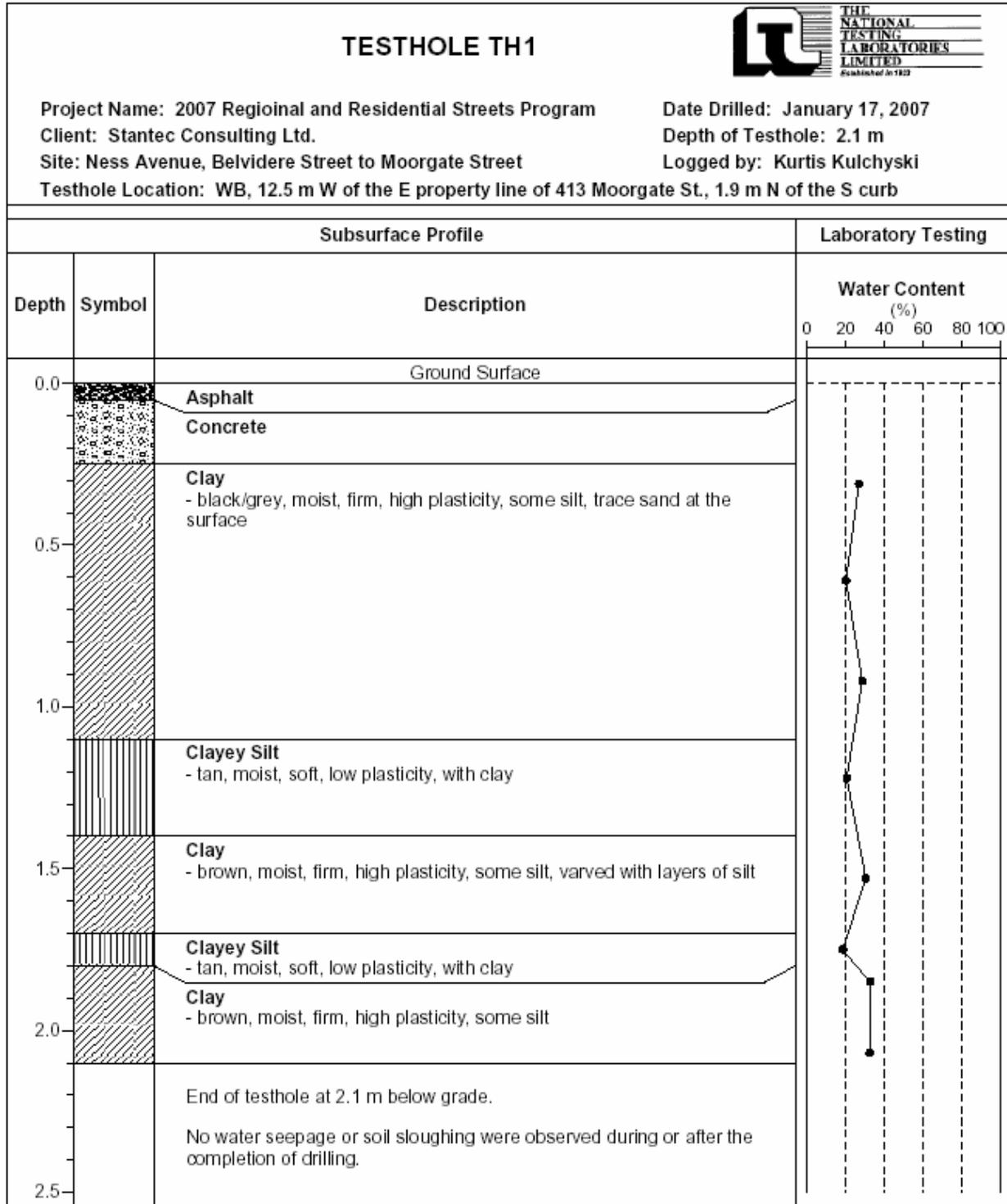
Geotechnical Report for Ness Avenue

Test Hole Locations

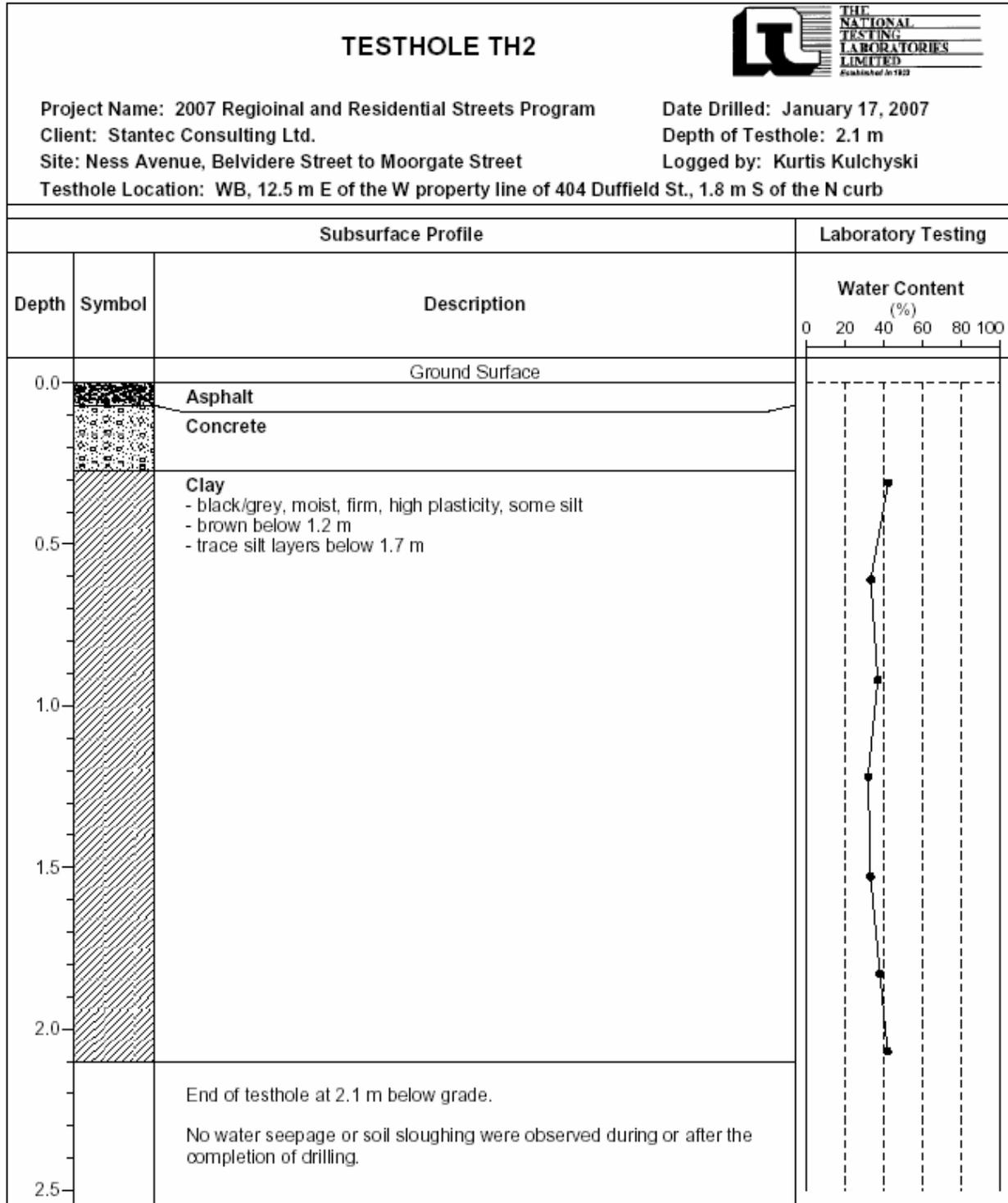


	Project No.: STA-701	Drawn By: SD	Testhole Location Plan 2007 Regional and Residential Streets Program Ness Avenue Belvidere Street to Moorgate Street
	Date: Jan. 30, 2007	Scale: NTS	

Test Hole Log for Test Hole 1



Test Hole Log for Test Hole 2



Template Version: C420071218

Test Hole Log for Test Hole 3

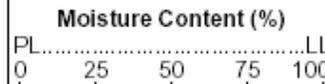
Subsurface Profile			Laboratory Testing							
Depth (m)	Symbol	Description	Moisture Content (%)				Gravel (%)	Sand (%)	Silt (%)	Clay (%)
			PL	LL	Gravel (%)	Sand (%)				
0.0		Ground Surface								
		Asphalt								
		Concrete								
0.5		Clay - black/grey, moist, firm, high plasticity, some silt								
1.0		Clayey Silt - tan, moist, soft, low plasticity, with clay, some fine grained sand					0.0	13.0	64.2	22.8
1.5		Clay - brown, moist, firm, high plasticity, some silt								
2.0										
2.5		End of testhole at 2.1 m below grade. No water seepage or soil sloughing were observed during or after the completion of drilling.								

TESTHOLE TH3



Project Name: 2007 Regional and Residential Streets Program
 Client: Stantec Consulting Ltd.
 Site: Ness Avenue, Belvidere Street to Moorgate Street
 Testhole Location: WB, 18.5 m W of the E property line of 407 Duffield St., 1.7 m N of the S curb

Date Drilled: January 17, 2007
 Depth of Testhole: 2.1 m
 Logged by: Kurtis Kulchyski



Gravel (%)	Sand (%)	Silt (%)	Clay (%)
0.0	13.0	64.2	22.8

Test Hole Log for Test Hole 4

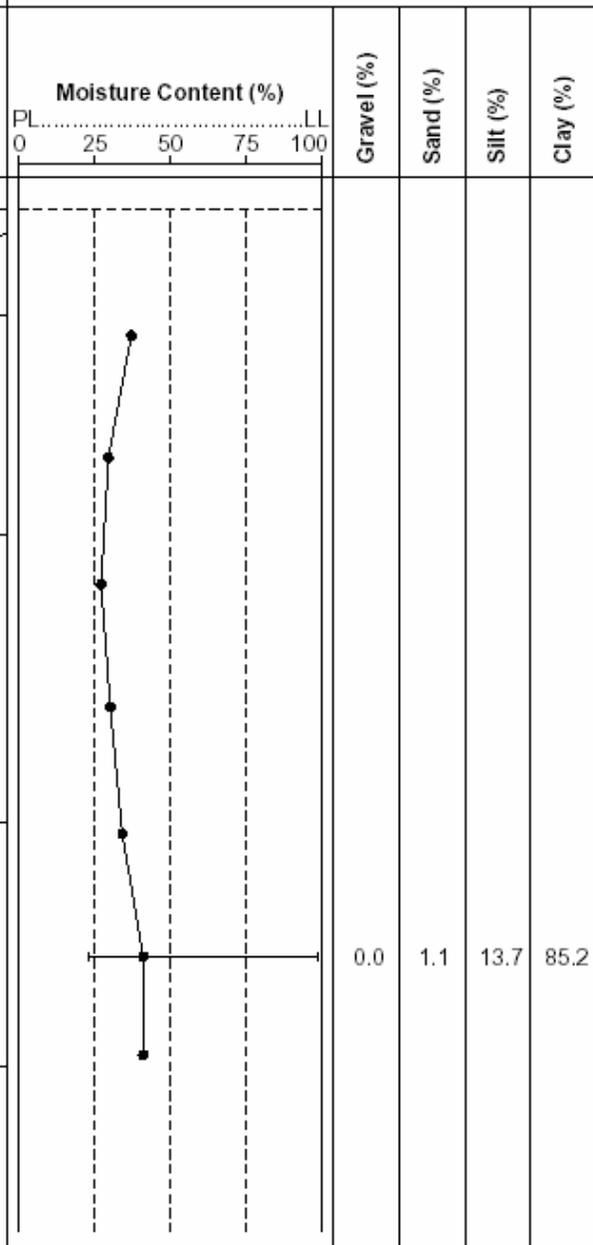
Subsurface Profile			Laboratory Testing					
Depth (m)	Symbol	Description	Moisture Content (%)		Gravel (%)	Sand (%)	Silt (%)	Clay (%)
			PL	LL				
0.0		Ground Surface						
		Asphalt						
		Concrete						
0.5		Clay - black/grey, moist, firm, high plasticity, some silt, trace fine grained gravel and fine to coarse grained sand at the surface - light grey below 0.6 m, intermediate plasticity, with silt						
1.0		Clayey Silt - tan, moist, soft to firm, low plasticity, with clay						
1.5		Clay - brown, moist, firm, high plasticity, some silt						
2.0					0.0	1.1	13.7	85.2
2.5		End of testhole at 2.1 m below grade. No water seepage or soil sloughing were observed during or after the completion of drilling.						

TESTHOLE TH4

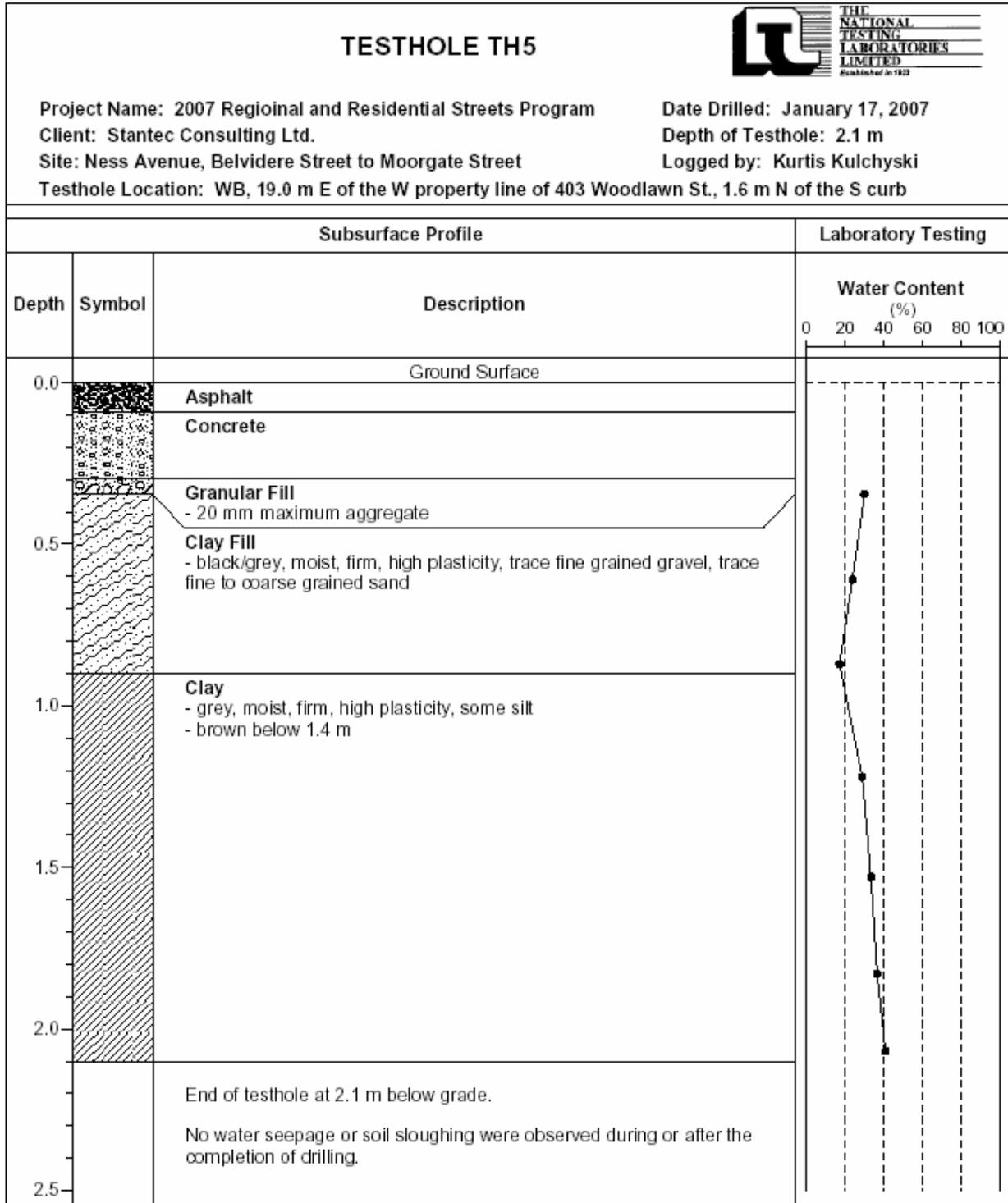


Project Name: 2007 Regional and Residential Streets Program
 Client: Stantec Consulting Ltd.
 Site: Ness Avenue, Belvidere Street to Moorgate Street
 Testhole Location: WB, 17.5 m E of the W property line of 393 Guildford St., 2.0 m S of the N curb

Date Drilled: January 17, 2007
 Depth of Testhole: 2.1 m
 Logged by: Kurtis Kulchyski



Test Hole Log for Test Hole 5



TESTHOLE TH5



Project Name: 2007 Regional and Residential Streets Program
Client: Stantec Consulting Ltd.
Site: Ness Avenue, Belvidere Street to Moorgate Street
Testhole Location: WB, 19.0 m E of the W property line of 403 Woodlawn St., 1.6 m N of the S curb

Date Drilled: January 17, 2007
Depth of Testhole: 2.1 m
Logged by: Kurtis Kulchyski

Pavement Core Photos



