



**Engineering And Testing
Solutions That Work For You**

Test Hole #: TH3
Client: City of Winnipeg
Site: St. Germain Park
Location: See Figure 1
Project: Soils Investment - Four Tennis Courts, Winnipeg, MB

File No.: 16-217-02
Date Drilled: May 25, 2016
Grade Elevation: 100.0 m (local)
Water Elevation: - -

| SUBSURFACE PROFILE | | | SAMPLE DATA | | | | SHEAR STRENGTH (kPa) | | | | | |
|--------------------|-------------|--|---------------|------------|-------------|----------------------|----------------------|----------------------|---|----|--------|---------|
| Depth (m) | Soil Symbol | Description | Elevation (m) | Sample No. | Sample Type | Moisture Content (%) | Corrected N (Ncorr) | Moisture Content (%) | | | | |
| | | | | | | | | PL | X | LL | P. Pen | Torvane |
| 0.0 | | Ground Surface | 100.0 | | | | | | | | | |
| | | Asphalt (38 mm) | | | | | | | | | | |
| | | Crushed Gravel (190 mm) - tan, damp, dense, well graded. | | S1 | ▲ | 6.8 | | | | | | |
| | | Clay (CH) - brown, moist, firm, highly plastic. - below 0.4 m, blackish, moist, stiff, rootlets. - below 0.5 m, dark brown, blocky, some to with silt. | | S2 | ▲ | 28.9 | | | | | | |
| | | | | S3 | ▲ | 26.9 | | | | | | |
| 1.0 | | - below 1.1 m very stiff. | 99.0 | | | | | | | | | |
| | | | | S4 | ▲ | 26.4 | | | | | | |
| | | End of Test Hole - end of test hole at 1.5 m below grade. - no seepage or sloughing occurred. - test hole was backfilled with auger cuttings and capped with asphalt cold mix. | | | | | | | | | | |
| 2.0 | | | 98.0 | | | | | | | | | |

ENG-TECH Consulting Limited

Logged by: ERM

Reviewed by: *CA*

Drilled By: ENG-TECH Consulting Limited

Drill Rig: Hand Auger

Auger Size: 50 mm diameter

Completion Depth: 1.5 m

Completion Elevation: 98.5 m

Sheet: 1 of 1

SAMPLE TYPE



SPLIT BARREL



SHELBY TUBE



AUGER CUTTINGS



SPLIT SPOON