

GEOTECHNICAL REPORT - TEST HOLE LOGS

TEST HOLE LOGS

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TEST HOLE LOGS FOR DEARBORN AVENUE

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The test hole logs are 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.



LEGEND

- ⊕ TEST HOLE NUMBER
- CENTRELINE ROADWAY



No.	DD/MM/YYYY	DESCRIPTION	BY

ENG-TECH CONSULTING LIMITED
#6 - 854 Marlon Street
Winnipeg, MB R2J 0K4
Phone: (204) 233-1684
Fax: (204) 235-1579



ENG. STAMP:



CLIENT:
CITY OF WINNIPEG

PROJECT:
GEOTECHNICAL INVESTIGATION
2006 STREET RENEWAL PROGRAM
WINNIPEG, MANITOBA

DWG DESCRIPTION:
TEST HOLE LOCATION PLAN -
DEARBORN AVENUE

SCALE:
NOT TO SCALE

DRAWN BY:	DATE:
KWJ	FEBRUARY 2006
FILE No.:	CLIENT DWG/FIG. No.:
06-217-01	
ENG-TECH DWG/FIG. No.:	REV.:
3	0

ENG-TECH CONSULTING LIMITED

GEOTECHNICAL • ENVIRONMENTAL • MATERIALS TESTING

Client: City of Winnipeg

Project: Geotechnical Investigation - 2006 Street Renewal Program

Site: Dearborn Avenue, Winnipeg, Manitoba

Location: 2.38 m N of S curb & 60 m E of the W end of Dearborn Ave.

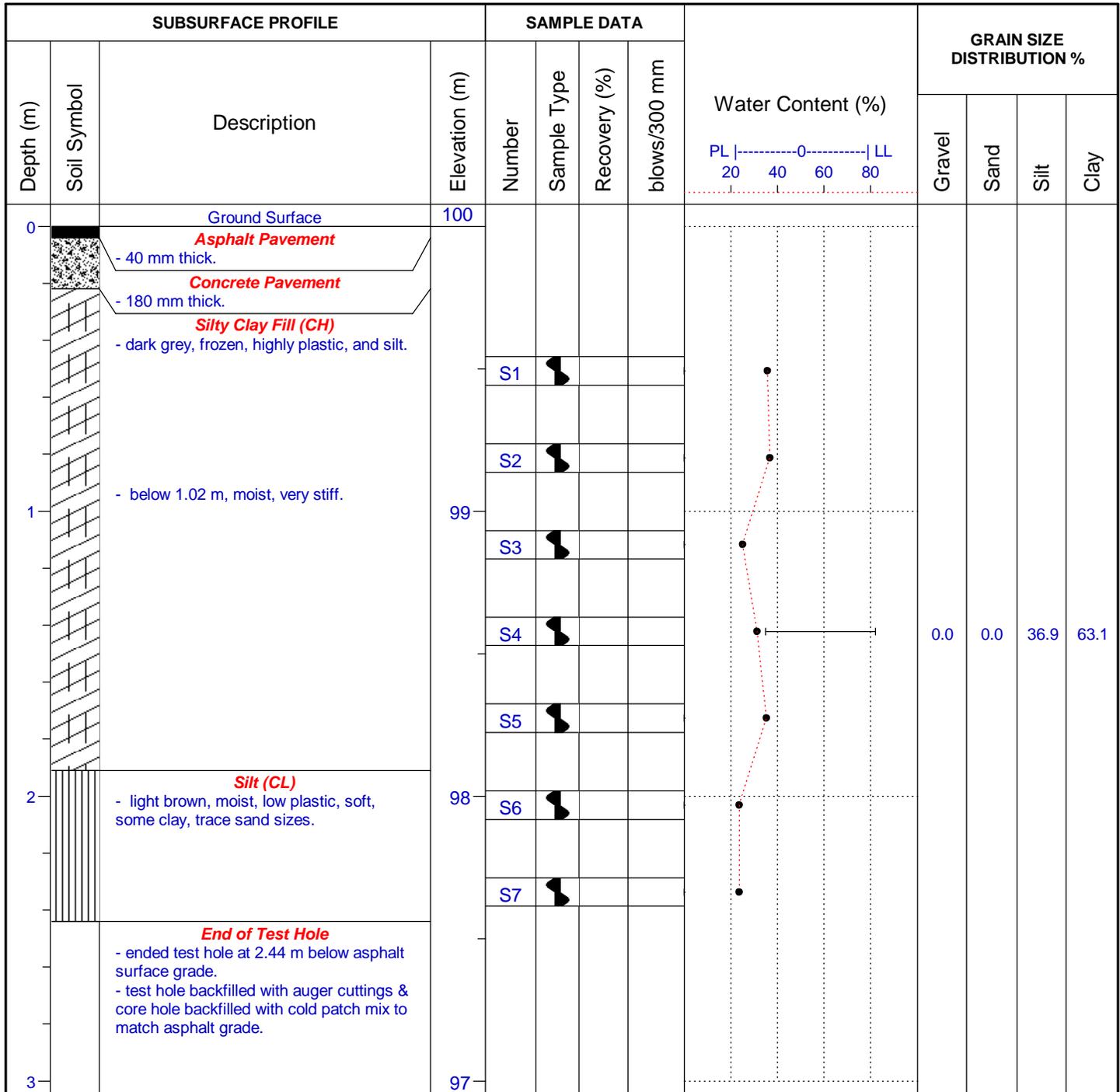
Test Hole #: TH1

File No: 06-217-01

Date Drilled: January 26, 2006

Grade Elevation: 100 m (local)

Water Elevation: --



ENG-TECH Consulting Limited

Logged by: RRB

Reviewed by:

Drilled By: Kletke Enviro Drilling Ltd.

Drill Rig: International Truck Mounted

Auger Size: 125 mm dia. solid stem

Completion Depth: 2.44 m

Completion Elevation: 97.56 m

Sheet: 1 of 1

Sample Type



Split Barrel



Shelby Tube



Auger Cuttings



Split Spoon

ENG-TECH CONSULTING LIMITED

GEOTECHNICAL • ENVIRONMENTAL • MATERIALS TESTING

Client: City of Winnipeg

Project: Geotechnical Investigation - 2006 Street Renewal Program

Site: Dearborn Avenue, Winnipeg, Manitoba

Location: 2.08 m N of S curb & 113 m E of W end of Dearborne Ave.

Test Hole #: TH2

File No: 06-217-01

Date Drilled: January 26, 2006

Grade Elevation: 100.0 m (local)

Water Elevation: --

SUBSURFACE PROFILE				SAMPLE DATA				GRAIN SIZE DISTRIBUTION %							
Depth (m)	Soil Symbol	Description	Elevation (m)	Number	Sample Type	Recovery (%)	blows/300 mm	Water Content (%)							
								PL	0	LL					
0		<p>Ground Surface</p> <p>Asphalt Pavement - 48 mm thick.</p> <p>Concrete Pavement - 192 mm thick.</p> <p>Silty Clay Fill (CH) - dark grey, frozen, highly plastic, and silt. - below 0.61 m, moist, very stiff. - between 0.61 and 1.22 m, abandoned rusted iron pipe.</p>	100												
				S1	Shelby Tube										
				S2	Shelby Tube										
1			99	S3	Shelby Tube										
				S4	Shelby Tube										
				S5	Shelby Tube										
2		<p>Silt (CL) - light brown, moist to wet, low plastic, soft, some clay, trace sand sizes.</p>	98	S6	Shelby Tube										
		<p>Clay (CH) - mottled brown, moist, highly plastic, siff, with silt.</p>		S7	Shelby Tube										
		<p>End of Test Hole - ended test hole at 2.44 m below asphalt surface grade. - test hole backfilled with cold patch mix to match existing grade.</p>													
3			97									0.0	0.0	29.6	70.4

ENG-TECH Consulting Limited

Logged by: RRB

Reviewed by:

Drilled By: Kletke Enviro Drilling Ltd.

Drill Rig: International Truck Mounted

Auger Size: 125 mm dia. solid stem

Completion Depth: 2.44 m

Completion Elevation: 97.56 m

Sheet: 1 of 1

Sample Type



Split Barrel



Shelby Tube



Auger Cuttings



Split Spoon

ENG-TECH CONSULTING LIMITED

GEOTECHNICAL • ENVIRONMENTAL • MATERIALS TESTING

Client: City of Winnipeg

Project: Geotechnical Investigation - 2006 Street Renewal Program

Site: Dearborn Avenue, Winnipeg, Manitoba

Location: 2.26 m N of S curb & 172 m E of W end of Dearborn Ave.

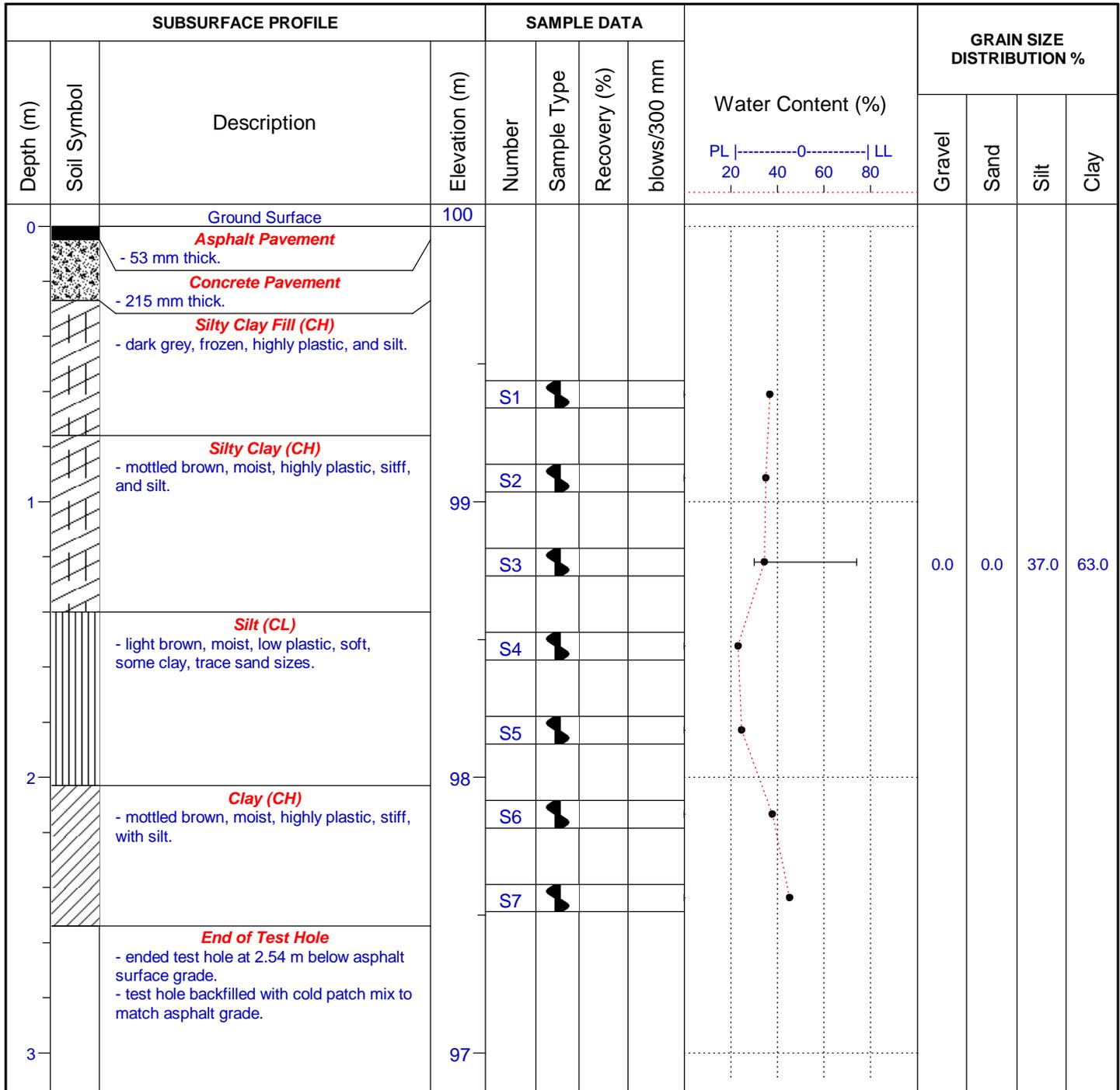
Test Hole #: TH3

File No: 06-217-01

Date Drilled: January 26, 2006

Grade Elevation: 100.0 m (local)

Water Elevation: --



ENG-TECH Consulting Limited

Logged by: RRB

Reviewed by:

Drilled By: Kletke Enviro Drilling Ltd.

Drill Rig: International Truck Mounted

Auger Size: 125 mm dia. solid stem

Completion Depth: 2.54 m

Completion Elevation: 97.46 m

Sheet: 1 of 1

Sample Type



Split Barrel



Shelby Tube



Auger Cuttings



Split Spoon

ENG-TECH CONSULTING LIMITED

GEOTECHNICAL • ENVIRONMENTAL • MATERIALS TESTING

Client: City of Winnipeg

Project: Geotechnical Investigation - 2006 Street Renewal Program

Site: Dearborn Avenue, Winnipeg, Manitoba

Location: 1.55 m N of S curb & 25 m W of E end of Dearborn Ave.

Test Hole #: TH4

File No: 06-217-01

Date Drilled: January 26, 2006

Grade Elevation: 100.0 m (local)

Water Elevation: --

SUBSURFACE PROFILE				SAMPLE DATA				Water Content (%)	GRAIN SIZE DISTRIBUTION %				
Depth (m)	Soil Symbol	Description	Elevation (m)	Number	Sample Type	Recovery (%)	blows/300 mm		Gravel	Sand	Silt	Clay	
0		<p>Ground Surface</p> <p>Asphalt Pavement - 33 mm thick.</p> <p>Concrete Pavement - 152 mm thick.</p> <p>Silty Clay Fill (CH) - dark grey, frozen, highly plastic, and silt.</p>	100										
				S1									
				S2									
1		Silty Clay (CH) - mottled brown, moist, highly plastic, stiff, and siltj	99	S3									
				S4									
		Silt (CL) - light brown, moist to wet, low plastic, soft, some clay, trace sand sizes, trace seepage & sloughing.		S5						0.0	6.3	80.4	13.3
				S6									
2		Clay (CH) - mottled brown, moist, highly plastic, stiff, with silt.	98	S7									
		End of Test Hole - ended test hole at 2.44 m below asphalt surface grade. - trace seepage & sloughing observed from silt layer. - test hole backfilled with auger cuttings & core hole backfilled with cold patch mix to match asphalt grade.											
3			97										

ENG-TECH Consulting Limited

Logged by: RRB

Reviewed by:

Sample Type



Split Barrel



Shelby Tube



Auger Cuttings



Split Spoon

Drilled By: Kletke Enviro Drilling Ltd.

Drill Rig: International Truck Mounted

Auger Size: 125 mm dia. solid stem

Completion Depth: 2.44 m

Completion Elevation: 97.56 m

Sheet: 1 of 1