

BORING LOG										Boring No.: B-3	
Project Name										Page No.: 1 of 2	
Jericho Pedestrian Bridge (VAOT JERICOPB-400)										File No.: 750-04.6	
Jericho, VT										Checked By: SPK	
Geotechnical Construction Environmental Engineers and Scientists INCORPORATED P.O. Box 699 1233 Shelburne Rd., Suite 360 Windsor, VT 05089 So. Burlington, VT 05403 Phone: 802-674-2033/Fax: 802-674-5943 Phone: 802-652-5140											
Boring Company: M & W Soils Engineering Foreman: Craig Fairbank GeoDesign Rep.: Jason Gaudette Date Started: September 8, 2008 Date Finished: September 8, 2008 N. Coordinate: E. Coordinate: Ground Surface Elevation (feet): 535 Station: Offset: ft Casing: H.S.A. Sampler: SS L.D.: 4.25 in. 1.38 in. Hammer Wt.: NA 140 lbs Date: 9/8/06, 7:30 10.0 525.0 Wet Sample Hammer Fall: NA 30 in. 9/8/06, 8:30 13.5 521.5 In Augers Rig Type: Acker Soil Max Hammer Type: Safety											
Depth (ft)	Sample Information								Strata Description	Symbol	Sample Description
	Casing Blowoff Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval					
					0-6	6-12	12-18	18-24			
5.6	S1	SS	24	8	0.5	4	15	14	14	5.6	
8	S2	SS	24	14	2.5	13	13	11	12	Note 5	
18	S3	SS	24	18	5	4	3	5	5	20.9	
20.7	S4	SS	24	10	7	5	5	8	8	20.7	
23	S5	SS	24	18	10	9	13	17	23	11.1	
25.3	S6	SS	24	14	12	18	18	17	14	15.3	
28.2	S7	SS	24	12	15	10	9	11	14	20.2	
30.1	S8	SS	16	9	17	20	33	50	4	14.8	
19.9	C1	C	60	60	19.9	[REC= 100%; RQD= 91%]				9	
7										8	
8										7	
8										8	
11.5										11.5	
8.5	C2	C	60	60	24.9	[REC= 100%; RQD= 83%]				7.5	
8.5										8.5	
8.5										8.5	
6.5										6.5	
7.5										7.5	

1) Ground surface elevation estimated by GeoDesign using a hand level from existing manhole rim (see Figure 2 in Attachment 1).
 2) Coarse gravel/cobbles inferred between ground surface and 0.61 m (2 ft) depth.
 3) HSA resistance encountered below 5.49 m (18 ft) deep with very hard resistance at 5.79 m (19 ft) deep.
 4) HSA advanced to refusal at 6.07 m (19.9 ft) deep. Installed 10 cm (4 in) I.D. steel casing and flushed with 9.5 cm (3.75 in) roller bit prior to coring.

1) Stratification Lines Represent Approximate Boundary Between Material Types. Transitions May Be Gradual.
 2) Water Level Readings Have Been Made At Times And Under Conditions Stated. Fluctuations Of Groundwater May Occur Due To Other Factors Than Those Present At The Time Measurements Were Made.
 A.C. = After coring, N.R. = Not Recorded.
 3) Sample Type Coding: N=Auger; C=Cone; D=Driver; G=Grab; PS=Push Sampler; SS=Split Barrel (Split Spoon); ST=Shelby Tube; Geo=Geoprobe V=Vane.
 WOE=H=Weight of Field Hammer
 4) Proportion Used Trace = 1-10%; Little = 10-30%; Some = 30-50%; And = 50-90%.
 5) Stratification lines represent approximate boundary between material types. transitions may be gradual.

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					0-6	6-12	12-18	18-24			
50.5											
35											
40											
45											
50											
55											
60											

5) Lab moisture contents (ASTM D2216) for S2 range between 12.8% (top of sample) and 14.2% (bottom of sample).

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BORING LOGS #3

PROJECT NAME: JERICO
PROJECT NUMBER: STP FTBR (3)

PROJECT LEADER: M.D.S.
DESIGNED BY: D.M.D.

PLOT DATE: 4/7/2014
DRAWN BY: D.M.D.
CHECKED BY: P.M.P.
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