
 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-215						
		Hartford, VT 191 Bridge 43 N/S		Page No.: 1 of 1 Pin No.: s12a132 Checked By: ASP						
Boring Crew: Drilex/Jason, MJR Date Started: 4/03/14 Date Finished: 4/03/14 VTSPG NAD83: N 417493.25 ft E 1683150.25 ft Station: 149+92.68 Offset: -86.12 Ground Elevation: 552.71 ft		Casing Sampler Type: Auger/WB SS I.D.: 4.5 in 2 in Hammer Wt: 300 lb. 140 lb. Hammer Fall: N.A. 30 in. Hammer/Rod Type: Auto Rig: CME 50 CE = 1.33		Groundwater Observations Date Depth (ft) Notes 04/03/14 0.0 Due to water used during drilling						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0		A-1-b, SaGrSi, Rec. = 1.0 ft, (FILL)			4-3-2-2 (5)	20.4	31.6	46.0	22.4	
2.5		A-2-4, SaSiGr, (FILL)			5-7-10-10 (17)	13.5	22.8	45.6	31.6	
5.0		A-4, SiSaGr, Rec. = 1.17 ft			12-27-39-25/1" (66)	11.2	20.2	33.9	45.9	
7.5		A-4, SiSaGr, Rec. = 15.0 ft			19-27-42-30/2" (69)	11.4	12.5	37.4	50.1	
10.0		Weathered bedrock								
12.5		12.0 ft - 17.0 ft, Grey-green ANDESITE, hard, 5° to 70° and 45° joint sets, smooth, fresh. Bottom 8" 45° fractures, mod. weathered, open-clay-silt filled at very bottom of last 45° joint. Foliation nearly vertical, mod. close, tight.	1	100 (85)	1.3					
15.0					2.3					
17.5					2.5					
20.0					3					
22.5					1.6					
		Hole stopped @ 17.0 ft								
Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual. 2. If values have not been corrected for hammer energy, CE is the hammer energy correction factor. CE is an estimated value. 3. 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. 4. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by VDOT.										

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Boring Crew: Drilex/Jason, MJR Date Started: 4/03/14 Date Finished: 4/03/14 VTSPG NAD83: N 417592.86 ft E 1683174.45 ft Station: 150+91.87 Offset: 80.60 Ground Elevation: 549.35 ft		Casing Sampler Type: Auger/WB SS I.D.: 4.5 in 2 in Hammer Wt: 300 lb. 140 lb. Hammer Fall: N.A. 30 in. Hammer/Rod Type: Auto Rig: CME 50 CE = 1.33		Groundwater Observations Date Depth (ft) Notes 04/03/14 0.0 Due to water used during drilling						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0										
2.5										
5.0		A-4, SaSiGr, Rec. = 0.83 ft								
7.5		Weathered bedrock								
10.0										
12.5		11.0 ft - 16.0 ft, Grey-green ANDESITE, hard, 0° and 80° joint sets, slightly weathered, smooth, moderately close, slightly open joints in 9" piece near bottom, smooth; thin foliation.	1	90 (85)	2.5					
15.0					2.3					
17.5					2.5					
20.0					2.3					
22.5					2.8					
		Hole stopped @ 16.0 ft								
Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual. 2. If values have not been corrected for hammer energy, CE is the hammer energy correction factor. CE is an estimated value. 3. 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. 4. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by VDOT.										

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Terracon

PROJECT NAME: HARTFORD
 PROJECT NUMBER: IM 091-2(79)

FILE NAME: s12a132bor_new.dgn PLOT DATE: 15-DEC-2014
 PROJECT LEADER: K. HIGGINS DRAWN BY: W. LAMMER
 DESIGNED BY: W. LAMMER CHECKED BY: J. SALVATORI
 BORING LOGS 10 SHEET 82 OF 166