



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING LOG

Hartford, VT

191 Bridge 43 N/S

Boring No.: B-203

Page No.: 1 of 2

Pin No.: s12a132

Checked By: ASP

Boring Crew: Drilex/Jason, MJR
Date Started: 4/02/14 Date Finished: 4/02/14
VTSPG NAD83: N 417612.48 ft E 1683219.83 ft
Station: 151+19.83 Offset: -40.28
Ground Elevation: 559.25 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
04/02/14	0.0	Due to water used during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5										
5.0		A-1-b, SaGrSi, Rec. = 1.17 ft, (FILL)				47-21-19-27 (40)	8.0	37.0	39.8	23.2
7.5										
10.0		No recovery, Rec. = 0.0 ft, (FILL)				18-32-32-32 (64)				
12.5										
15.0		A-1-b, GrSaSi, Rec. = 0.33 ft				7-8-8-9 (16)	10.3	58.3	29.6	12.1
17.5										
20.0		A-4, SiSaGr, Rec. = 1.08 ft				10-19-24-36 (43)	10.9	25.0	35.7	39.3
22.5		Weathered bedrock								
		23.0 ft - 28.0 ft, Gray/brown ANDESITE, hard, very slight weathering, 0°, 45°, 80° joint sets, smooth, close, extensive quartz filling of joints/foliation.	1	75 (67)	3					

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.
4. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by VDOT.



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2.5										
27.5		28.0 ft - 33.0 ft, Gray/brown ANDESITE, hard, very slight weathering, 0°, 45°, 80° joint sets, smooth, close, extensive quartz filling of joints/foliation.	2	90 (67)	2					
30.0										
32.5										
35.0		Hole stopped @ 33.0 ft								
37.5										
40.0										
42.5										
45.0										
47.5										

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