



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

BORING LOG

WAITSFIELD  
 BHF 013-4(39)  
 VT-100 BR-177

Boring No.: **B-101**  
 Page No.: 1 of 1  
 Pin No.: 12B136  
 Checked By: CEE

Boring Crew: JUDKINS, DAIGNEAULT  
 Date Started: 10/24/13 Date Finished: 10/24/13  
 VTSPG NAD83: N 609889.50 ft E 1553134.70 ft  
 Station: 13+51 Offset: -4.70  
 Ground Elevation: 728.3 ft

Type: WB SS  
 I.D.: 4 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.55 ft								
2.5		A-1-b, SiSaGr, brn, Moist, Rec. = 0.7 ft				22-27-12-13 (39)	6.1	48.9	30.9	20.2
		Visual Description: Weathered Rock with silt & sand, brn, Moist, Rec. = 0.6 ft					11.7			
		Visual Description: Weathered & Broken Rock with sand, brn-gry, Moist, Rec. = 0.2 ft				R@2.5"	11.3			
5.0		4.0 ft - 9.0 ft, Light gray, Phyllitic Schist, Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 54	1 (65)	94 (70)	4					
					4					
					4					
					4					
					4					
10.0		9.0 ft - 14.0 ft, Light gray, Phyllitic Schist, Moderately soft, Unweathered, Good rock, NXMDC, Quartz vein from 11.5-13.0 ft., RMR = 61	2 (65)	100 (96)	4					
					4					
					5					
					9					
					10					
15.0		Hole stopped @ 14.0 ft								
17.5										
20.0										
22.5										

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.  
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 WAITSFIELD BHF 013-4(39).GPJ VERMONT AOT.GDT 11/7/13