



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

BORING LOG

WESTON
 BF 013-2(13)
 VT-100 BR-98

Boring No.: **B-103**
 Page No.: 1 of 1
 Pin No.: 13B076
 Checked By: BLS

Boring Crew: JUDKINS, HOOK, STRINGER
 Date Started: 6/26/14 Date Finished: 6/26/14
 VTSPG NAD83: N 299838.57 ft E 1565112.75 ft
 Station: 288+08.67 Offset: 11.70
 Ground Elevation: 1431.8 ft

Casing Type: WB
 Sampler: 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 45C SKID C_s = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
06/26/14	6.2	While drilling.

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 %
0.0 - 0.78		Asphalt Pavement, 0.0 ft - 0.78 ft								
5		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.				11-10-9-13 (19)	7.1	57.4	33.1	9.5
		Field Note:., Cleaned out with NXDC								
		Field Note:., No Recovery. Appears to be Gr Sa				14-6-4-3 (10)				
		Field Note:., Cleaned out with NXDC								
10		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.				20-16-22-32 (38)	11.0	40.5	41.1	18.4
		Field Note:., Cleaned out with NXDC								
15		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft				12-7-8-28 (15)	14.2	36.3	50.9	12.8
		Visual Description:., Severely Weathered Rock, brn-gry, Moist, Rec. = 0.2 ft					13.0			
		Field Note:., Cleaned out with NXDC								
20		Visual Description:., Mostly Broken Rock with sand, brn, MTW, Rec. = 0.4 ft				37-R@3.5" (R)	9.4			
		Field Note:., Cleaned out with NXDC								
25		Field Note:., No Recovery				R@0.0"				
		25.0 ft - 30.0 ft, Gray and white, Biotite-quartz-plagioclase Gneiss, with quartz rich zones. Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. RMR = 49	1 (40)	98 (48)	3					
					3					
					3					
					3					
30		30.0 ft - 35.0 ft, Gray and white, Biotite-quartz-plagioclase Gneiss, with quartz rich zones. Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. RMR = 54	2 (40)	100 (72)	2					
					2					
					2					
					2					
35		Hole stopped @ 35.0 ft								
		Remarks: Hole collapsed at 8.2 ft.								

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_s 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 WESTON BF 013-2(13).GPJ VERMONT AOT.GDT 8/6/14