



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 CONSTRUCTION AND
 MATERIALS BUREAU
 CENTRAL LABORATORY

BORING LOG

SEARSBURG
 BF 010-1(50)
 VT-9 BR #20

Boring No.: **B-103**
 Page No.: 1 of 1
 Pin No.: 13b332
 Checked By: **END**

Boring Crew: GARROW, NIETO
 Date Started: 9/21/15 Date Finished: 9/21/15
 VTSPG NAD83: N 143527.70 ft E 1506731.50 ft
 Station: 106+12 Offset: -18.00
 Ground Elevation: 2259.0 ft

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_c = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/21/15		No W.T. to depth

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.63 ft					
		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.1 ft	7-8-9-9 (17)	6.0	40.6	47.6	11.8
5		Field Note:., Cleaned out casing.					
		A-4, GrSiSa, Lt/brn, Moist, Rec. = 1.6 ft	16-19-21-21 (40)	10.1	20.6	41.0	38.4
10		Field Note:., Cleaned out casing.					
		A-4, GrSaSi, Lt/brn, Moist, Rec. = 0.8 ft	12-13-18-16 (31)	11.5	27.4	34.4	38.2
15		Field Note:., Cleaned out casing.					
		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 0.9 ft	8-11-11-13 (22)	11.9	22.7	43.7	33.6
20		Field Note:., Cleaned out casing.					
		A-4, SiSa, Lt/brn-gry, Moist, Rec. = 1.5 ft	11-18-11-7 (29)	13.0	18.7	41.5	39.8
25		Field Note:., Cleaned out casing., Appears to be Cobbles.					
		A-2-4, SiSaGr, Lt/brn, Moist, Rec. = 0.3 ft	8-R@4" (R)	9.9	37.4	36.8	25.8
30		Field Note:., No Recovery, Appears to be Silt.					
		Cleaned out casing., 31.5 ft - 34.5 ft	WR-WR-WR-10 (WR)				
		Field Note:., No Recovery	R@1" (R)				
35		Hole stopped @ 34.0 ft					
40		Remarks: Hole Collapsed at 31.9 feet. 1.) Hole stopped due to broken clean out barrel. 2.) Cleanout barrel remains in the ground.					

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_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 - Z SEARSBURG BR010-1(50).GPJ VERMONT AOT.GDT 11/19/15