



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

BORING LOG

BRIGHTON
STP 034-3(21)
VT-105 BR-88

Boring No.: B-101
Page No.: 1 of 1
Pin No.: 00B246
Checked By: TDE

Boring Crew: PORTER, HOLT, MELTZER

Date Started: 2/02/12 Date Finished: 2/03/12

VTSPG NAD83: N 844864.10 ft E 1804134.75 ft

Station: 264+80 Offset: -10.00

Ground Elevation: 179.5 ft

Casing: WB Sampler: SS
Type: WB I.D.: 3 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 CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
02/03/12	5.9	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0		Asphalt Pavement, 0.0 ft - 0.1 ft					
5		Field Note: No Recovery, Appears to be Gravel with small stones. A-1-b, Sa, Sample was taken from the washed material.	R@5.0"	24.8	6.4	86.4	7.2
10		Field Note: Hard drilling. Attempted to core. No Recovery A-1-a, SaGr, gry, Wet, Rec. = 0.5 ft, Lab Note: Some broken Concrete was within sample.	R@6.0"	15.5	50.2	42.2	7.6
15		Field Note: No Recovery, Appears to be silty material.	3-2-2-1 (4)				
15		A-2-4, Sa, gry, Wet, Rec. = 1.7 ft, A small layer of dark brown possible organic silt was encountered. Insufficient material for testing.	WH-8-8-8 (16)	35.6	4.6	76.3	19.1
15		A-2-4, Sa, gry, Wet, Rec. = 1.2 ft	8-10-9-11 (19)	20.2	2.8	85.7	11.5
20		A-3, Sa, gry, Wet, Rec. = 0.8 ft	4-3-2-4 (5)	21.8	5.5	86.0	8.5
25		A-4, SiSa, gry, Wet, Rec. = 2.0 ft	WH-2-3-1 (5)	34.3	0.1	60.8	39.1
30		A-1-b, Sa, gry, Wet, Rec. = 0.7 ft	3-3-3-3 (6)	21.8	5.5	91.8	2.7
30		Hole stopped @ 30.0 ft					
35		Remarks: 1. Ground Elevation was estimated from plan sections. 2. From 0.1 to 11.0 feet appears to be well compacted fill material.					

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
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.

BORING LOG 2 BRIGHTON STP 034-3(21).GPJ VERMONT AOT.GDT 2/8/12