



BORING LOG

Boring No.: B-102  
Page No.: 1 of 2  
Pin No.: 11B208  
Checked By: CCB

BRIGHTON  
STP 034-3(25)  
VT-105 BR-84

Boring Crew: PORTER, DAVISON  
Date Started: 4/17/12 Date Finished: 4/20/12  
VTSPG NAD83: N 841124.26 ft E 1788764.69 ft  
Station: 56+25 Offset: -10.00  
Ground Elevation: 1174.26 ft

Casing Type: WB  
I.D.: 4 in  
Sampler Type: SS  
I.D.: 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
04/20/12	9.5	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.5 ft					
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	7-7-8-7 (15)	9.9	35.5	49.3	15.2
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft	4-4-8-9 (12)	12.1	53.0	39.2	7.8
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	2-2-3-2 (5)	18.4	30.6	58.6	10.8
		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft	14-14-18-20 (32)	12.0	52.5	37.5	10.0
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft	6-6-8-9 (14)	20.6	9.7	76.5	13.8
		A-3, Sa, brn, Moist, Rec. = 0.8 ft	6-6-7-7 (13)	16.9	9.0	81.5	9.5
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	7-16-17-12 (33)	16.7	42.4	53.9	3.7
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft	8-7-6-7 (13)	16.4	30.9	61.1	8.0
		Field Note: No Recovery. Trace of sand	8-11-11-10 (22)				
		Visual Description: Broken Granite pieces with silty sand, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	27-25-17-15 (42)	17.7			
		A-3, Sa, brn, Moist, Rec. = 0.7 ft	5-9-13-19 (22)	6.7	0.5	91.3	8.2

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.



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Groundwater Observations		
Date	Depth (ft)	Notes
04/20/12	9.5	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft	9-11-12-12 (23)	22.5	10.5	82.5	7.0
		A-4, Si, brn, Moist, Rec. = 1.6 ft	14-16-18-20 (34)	22.0	0.5	17.3	82.2
		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	16-13-27-46 (40)	12.2	29.6	52.7	17.7
		Field Note: Cobbles. Pieces of Granite	(R)				
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Lab Note: (HP)	R06.0"	11.9	15.0	39.8	45.2
		Visual Description: Broken Rock with sand, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.	R02.5"	7.3			
		Visual Description: Broken Rock, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.	R02.5"				
		A-1-b, GrSa, gry, Moist, Rec. = 0.4 ft, Advanced casing to 99 ft.	R05.0"	8.1	38.7	43.6	17.7
		Field Note: Granite Boulder					

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BORING LOG 2 BRIGHTON STP 034-3(25).GPJ VERMONT AOT.GDT 5/21/12

BORING LOG 2 BRIGHTON STP 034-3(25).GPJ VERMONT AOT.GDT 5/21/12

Hole stopped @ 109.0 ft