



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

BORING LOG

Boring No.: B-101  
Page No.: 1 of 2  
Pin No.: 11C264  
Checked By: LAR

BRIDPORT  
STP CULV(29)  
VT-125 BR-2&5

Boring Crew: GARROW, WHITLOCK  
Date Started: 9/19/12 Date Finished: 9/21/12  
VTSFG NAD83: N 546829.94 ft E 1416137.25 ft  
Station: 12+65 Offset: 5.00  
Ground Elevation: 156.0 ft

Casing Sampler  
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 45C SKID CE = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
09/21/12	19.4	AM, Casing in HP

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(S (N Value))	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 1.7 ft							
		Field Note: GrSa with a lot of Asphalt Pavement, blk-brn, Moist, Rec. = 0.5 ft	9-14-11-7 (25)						
5		A-7-6, Cl, gry, Moist, Rec. = 0.4 ft	2-2-1-2 (3)	32.2	17.5	5.9	76.6	66	38
10		Shelby Tube, gry, Moist, Rec. = 1.6 ft, 9.0 ft - 11.0 ft							
		Shelby Tube, gry, Moist, Rec. = 1.7 ft, 11.0 ft - 13.0 ft							
15		A-7-6, Cl, gry, Moist, Rec. = 1.8 ft	WH-3-3-3 (6)	38.1	1.1	2.1	96.8	65	38
		A-1-a, SaGr, brn, Moist, Rec. = 0.4 ft	4-5-6-3 (11)	10.5	55.2	36.8	8.0		
20		A-4, GrSaSi, gry, Moist, Rec. = 0.3 ft	R05.0"	7.9	23.3	29.7	47.0		
25		A-4, SaGrSi, gry, Moist, Rec. = 0.4 ft	28-R05.0"	7.1	31.1	29.7	39.2		
30		Field Note: Cobble, Clean out casing							
		A-4, SaSi, gry, Moist, Rec. = 0.7 ft	44-R05.0"	7.0	19.1	30.7	50.2		
35		A-4, GrSaSi, gry, Moist, Rec. = 0.6 ft	25-43-R03.5"	8.0	24.2	28.1	47.7		

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 of fines and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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

BORING LOG

Boring No.: B-101  
Page No.: 2 of 2  
Pin No.: 11C264  
Checked By: LAR

BRIDPORT  
STP CULV(29)  
VT-125 BR-2&5

Boring Crew: GARROW, WHITLOCK  
Date Started: 9/19/12 Date Finished: 9/21/12  
VTSFG NAD83: N 546829.94 ft E 1416137.25 ft  
Station: 12+65 Offset: 5.00  
Ground Elevation: 156.0 ft

Casing Sampler  
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 45C SKID CE = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
09/21/12	19.4	AM, Casing in HP

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(S (N Value))	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-4, SaSi, gry, Moist, Rec. = 1.1 ft	22-33-40-R (73)	6.9	19.4	31.0	49.6		
45		A-4, SaGrSi, gry, Moist, Rec. = 0.6 ft	26-37-R05.0"	7.3	28.9	27.1	44.0		
50		A-4, SaGrSi, gry, Moist, Rec. = 1.2 ft	18-29-30-R (59)	7.3	31.2	27.5	41.3		
55		Visual Description: SaGrSi, gry, Moist, Rec. = 0.3 ft, insufficient sample for testing. Similar material to 52.0 - 53.8 ft.	16-30-39-R (69)	8.6					
60		Field Note: No Recovery. Appears to be the same material	26-37-R05.0"						
65		Visual Description: SaGrSi HP, gry, Moist, Rec. = 0.3 ft, insufficient sample for testing. Similar material to 52.0 - 53.8 ft.	28-32-36-R (66)	6.3					
70		Visual Description: SaSiGr with Broken Rock, gry, Moist, Rec. = 0.2 ft, insufficient sample for testing.	21-24-33-R (57)	6.2					
75		Hole stopped @ 73.9 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. CE is the hammer energy correction factor.  
3. Water level readings have been made of fines and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.