

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102					
		BRIDPORT STP CULV(29) VT-125 BR-2&5		Page No.: 1 of 2					
				Pin No.: 11C264					
				Checked By: LAR					
Boring Crew: GARROW, WHITLOCK		Casing Sampler		Groundwater Observations					
Date Started: 9/10/12 Date Finished: 9/12/12		Type: WB SS	Date	Depth (ft)	Notes				
VTSPG NAD83: N 546823.89 ft E 1416173.72 ft		I.D.: 4 in 1.5 in	09/12/12	6.0	AM, Casing in HP				
Station: 12+95 Offset: -10.00		Hammer Wt: N.A. 140 lb.							
Ground Elevation: 157.0 ft		Hammer Fall: N.A. 30 in.							
		Hammer/Rod Type: Auto/AWJ							
		Rig: CME 45C SKID CE = 1.33							
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 1.8 ft							
		Field Note: SaGr with a lot of Asphalt Pavement, blk, Moist, Rec. = 0.5 ft	4-2-1-3 (3)						
5									
		A-7-6, SaCl, gry, Moist, Rec. = 0.6 ft	WH-1-2-3 (3)	28.7	6.4	40.9	52.7	56	33
10									
		Field Note: Roller Coned ahead in Clay							
		Field Note: Cl Shelby Tube, gry, Moist, Rec. = 1.8 ft							
		Field Note: Roller Coned ahead in Clay							
		Field Note: Cl Shelby Tube, gry, Moist, Rec. = 2.0 ft							
15									
		A-7-6, Cl, gry, Moist, Rec. = 0.8 ft	2-6-10-12 (16)	34.1	1.8	3.4	94.8	49	21
		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft		11.7	33.7	56.9	9.4		
20									
		A-4, GrClSi, gry, Moist, Rec. = 0.4 ft	8-22-28-19 (50)	32.8	32.2	18.0	49.8	35	10
		A-4, SaGrSi, gry, Moist, Rec. = 1.5 ft		8.8	35.4	28.8	35.8		
		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft	8-17-25-50 (42)	8.4	27.2	35.7	37.1		
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.8 ft	44-R05.0"	7.5	41.9	30.5	27.6		
		Visual Description: SiSaGr, gry, Moist, Rec. = 0.2 ft, insufficient sample for testing. Material similar to 26-26.9 ft.	R02.5"	7.1					
		A-4, SaSi, gry, Moist, Rec. = 0.6 ft	35-R05.0"	7.1	19.6	33.7	46.7		
		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft	10-39-45-R (84)	7.2	20.4	32.1	47.5		
		A-2-4, SaSiGr, gry, Moist, Rec. = 0.4 ft	R05.0"	7.0	46.0	25.7	28.3		
		A-4, GrSaSi, gry, Moist, Rec. = 0.5 ft	28-R05.0"	6.7	28.5	31.3	40.2		
		Field Note: Cleaned out Cobble							
		A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft	49-R05.0"	7.0	26.3	30.9	42.8		
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.									

BOTTOM OF CULVERT
APPROX. EL. 130.8

BORING LOG 2 - BRIDPORT STP CULV(29).DPT VERMONT AUT.DOT 1/10/13

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		Rig: CME 45C SKID CE = 1.33							
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		A-4, GrSaSi, gry, Moist, Rec. = 0.4 ft	5-16-46-R (62)	7.2	21.8	35.2	43.0		
45									
		A-4, SaGrSi, gry, Moist, Rec. = 1.2 ft	28-33-R06.0"	6.6	29.6	28.5	41.9		
50									
		A-4, SaGrSi, gry, Moist, Rec. = 1.4 ft	18-35-R06.0"	6.8	28.0	27.4	44.6		
55									
		A-4, GrSaSi, gry, Moist, Rec. = 0.5 ft	15-34-R05.0"	7.3	28.1	29.0	42.9		
60									
		A-4, SaGrSi, gry, Moist, Rec. = 1.1 ft	12-24-41-R (65)	7.2	32.8	26.8	40.4		
65									
		A-4, GrSaSi, gry, Moist, Rec. = 1.0 ft	20-28-37-R (65)	7.8	24.8	30.1	45.1		
70									
		Field Note: No Recovery. Appears to be the same material	13-31-R05.0"						
75		Hole stopped @ 74.4 ft							
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PROJECT NAME: BRIDPORT
PROJECT NUMBER: STP CULV(29)

FILE NAME: zllc264bor_log_br2.dgn PLOT DATE: 8/22/2014
PROJECT LEADER: M. CHENETTE DRAWN BY: L. BUXTON
DESIGNED BY: VTRANS CHECKED BY: VTRANS
BORING LOG 2 - BR2 SHEET 23 OF 57

