

BOTTOM  
ABUTMENT I  
EL 322.00

ESTIMATED LENGTH = 50'

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-3		
				BRISTOL BRF 021-1(29) VT-116 BR-6		Page No.: 1 of 2		
				Pin No.: 78F187		Checked By: CCB		
Boring Crew: TALLMAN, SOMERS, RUSSELL		Casing Sampler		Groundwater Observations				
Date Started: 8/27/02 Date Finished: 9/12/02		Type: WB SS		Date	Depth (ft)	Notes		
VTSPG NAD83: N 581477.07 ft E 1485141.94 ft		I.D.: 3. in 1.5 in		09/12/02	7.38			
Station: 106+83.30 Offset: -22.97		Hammer Wt: N.A. 140 lb.						
Ground Elevation: 329.14 ft		Hammer Fall: N.A. 30 in.						
		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 45C SKID C <sub>r</sub> = 1.33						
Depth (ft)	Strata	CLASSIFICATION OF MATERIALS (Description)		Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-4, SiSa with a Trace of Organics (2.3%), gry, Moist, Rec. = 1.1 ft		1-1-1-1 (2)	36.3		50.6	49.4
10		A-1-a, SaGr, gry, Moist, Rec. = 0.3 ft		3-3-14- 23 (17)	11.2	65.2	30.3	4.5
15		A-2-4, SiGr, gry, Moist, Rec. = 0.2 ft		5-8-9-4 (17)	14.0	53.4	17.2	29.4
20		A-4, SaSi, gry, Moist, Rec. = 1.1 ft		5-4-4-3 (8)	23.7	6.2	27.6	66.2
25		A-4, SaSi, gry, Moist, Rec. = 1.3 ft		4-2-2-2 (4)	28.5	0.1	21.8	78.1
30		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft		2-1-3-2 (4)	15.3	25.2	34.6	40.2
		BXDC, Boulder, 32.2 ft - 33.5 ft						
35		A-4, SiSa, gry, Moist, Rec. = 0.8 ft		6-7-9-8 (16)	21.6	1.5	57.3	41.2
Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual. 2. N Values have not been corrected for hammer energy; C <sub>r</sub> 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.								

ESTIMATED  
PILE TIP  
EL 274.00

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-3		
				BRISTOL BRF 021-1(29) VT-116 BR-6		Page No.: 2 of 2		
				Pin No.: 78F187		Checked By: CCB		
Boring Crew: TALLMAN, SOMERS, RUSSELL		Casing Sampler		Groundwater Observations				
Date Started: 8/27/02 Date Finished: 9/12/02		Type: WB SS		Date	Depth (ft)	Notes		
VTSPG NAD83: N 581477.07 ft E 1485141.94 ft		I.D.: 3. in 1.5 in		09/12/02	7.38			
Station: 106+83.30 Offset: -22.97		Hammer Wt: N.A. 140 lb.						
Ground Elevation: 329.14 ft		Hammer Fall: N.A. 30 in.						
		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 45C SKID C <sub>r</sub> = 1.33						
Depth (ft)	Strata	CLASSIFICATION OF MATERIALS (Description)		Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
40		No Recovery. Stone in sampler, 38.4 ft - 39.4 ft		R/2.75" (R)				
45		BXDC, No Sample, Boulder, 43.1 ft - 45.9 ft						
50		BXDC, Cleaned out casing, 48.2 ft - 49.2 ft						
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.3 ft		27-53- 62-42 (R)	7.7	42.7	35.2	22.1
55		No Recovery, Possible stone in front of sampler, 54.1 ft - 55.4 ft		32-66-70 (R)				
60		BXDC, Cleaned out casing, 57.9 ft - 59.0 ft						
		A-4, SaSi (HP), gry, Moist, Rec. = 1.8 ft		19-34- 53- R/3.0" (87)	14.7	3.5	25.3	71.2
		BXDC, Cored ahead, 62.0 ft - 64.0 ft						
65		A-4, SiSa (HP), gry, Moist, Rec. = 1.1 ft		57-80-92 (R)	8.8	19.5	45.0	35.5
		Field Note: Advanced casing to 66.5 ft						
		Hole stopped @ 66.5 ft						
70								
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PROJECT NAME: BRISTOL  
PROJECT NUMBER: BRF 021-1(29)

FILE NAME: si0b094bor.dgn PLOT DATE: 04-NOV-2014  
PROJECT LEADER: C. CARLSON DRAWN BY: C. ROY  
DESIGNED BY: M. EVANS-MONGEON CHECKED BY: EVANS-MONGEON  
BORING LOG SHEET (1) SHEET 19 OF 54