

ABUTMENT NO. 2
 BOTTOM OF FOOTING
 ELEV. 723.00

VT <small>Working to Get You There</small>		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-203			
		BARRE TOWN BRF 6100(7)		Page No.: 1 of 2		Pin No.: 06J002			
		Checked By: LJD							
Boring Crew: GEOSEARCH - FITCHBURG, MA, SMC		Type: WB SS		Casing		Sampler			
Date Started: 6/08/11 Date Finished: 6/08/11		I.D.: 1.38 in		Date		Depth (ft)			
VTSPG NAD83: N 611692.35 ft E 1638759.06 ft		Hammer Wt: N.A. 140 lb.		06/08/11		30.0			
Station: 14+32 Offset: -5.00		Hammer Fall: N.A. 30 in.							
Ground Elevation: 731.0 ft		Hammer/Rod Type: Auto/MWJ							
		Rig: CME 55 CE =							
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Cone Rec. % (NIP %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.5		Asphalt, 0.0 ft - 0.5 ft							
0.5 - 2.5		A-1-a, SiGrSa, Dark brown, Moist., Rec. = 1.5 ft, 0.5 ft - 2.5 ft, Fill Material			18-9-5-3 (14)	5.0	43.0	42.6	14.4
2.5 - 5.0									
5.0 - 7.5		A-4, SaSi, brown, Moist., Rec. = 1.5 ft, 5.0 ft - 7.0 ft			3-2-1-2 (3)	22.8	0.7	12.0	87.3
7.5 - 10.0									
10.0 - 12.5		A-4, SaSi, brown, Moist., Rec. = 1.3 ft, 10.0 ft - 12.0 ft			2-1-2-2 (3)	20.5	7.2	23.9	68.9
12.5 - 15.0									
15.0 - 17.5		Similar to S-3., Rec. = 1.3 ft, 15.0 ft - 17.0 ft			2-1-1-3 (2)	30.5	2.1	43.0	54.9
17.5 - 20.0									
20.0 - 22.5		A-4, SiSa., 20.0 ft - 22.0 ft			2-3-2-3 (5)	25.8	6.6	57.3	36.1
22.5 - 23.0		A-4, SiSaGr, brown, Moist., 22.0 ft, Drill action suggest possible wood fragments 22 to 23 feet.							
23.0 - 23.5		Visual Classification, Similar to S-6, with piece of wood in sampler., Rec. = 1.0 ft			22-20-12-12 (32)				
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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Ground Elevation: 731.0 ft		Hammer/Rod Type: Auto/MWJ							
		Rig: CME 55 CE =							
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Cone Rec. % (NIP %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 27.5		Wood fragments., Rec. = 0.2 ft, 25.0 ft - 27.0 ft			5-4-5-3 (9)				
27.5 - 30.0									
30.0 - 32.5		A3, SiSa, brown, Moist., Rec. = 1.2 ft, 30.0 ft - 32.0 ft			4-3-4-2 (7)	27.5	0.1	90.0	9.9
32.5 - 35.0									
35.0 - 37.5		Visual Classification, Fine SAND, some silt, trace fine gravel, loose, medium dense, brown, wet., Rec. = 1.0 ft			6-10-11-25/0 (21)				
37.5 - 40.0		Note: Possible bedrock at 37.5 feet. Began rock core at 38.0 feet. 38.0 ft - 42.3 ft, Gray, Meta-Limestone, Hard, aphanitic. NXMDC, Primary joint sets horizontal to low angle, close to moderate spacing, rough, stepped, discolored to fresh. Secondary joints, high angle, close to moderately close, rough, planar to undulating, fresh to discolored, tight.	1	92 (29)					
40.0 - 42.5									
42.5 - 45.0		42.3 ft - 46.8 ft, NXMDC, Similar to C-1.	2	98 (44)					
45.0 - 47.5									
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ESTIMATED
 PILE TIP
 ELEV. ASSUMED

PROJECT NAME: BARRE TOWN
 PROJECT NUMBER: BRF 6100(7)
 FILE NAME: s06j002bor.dgn
 PROJECT LEADER: J. LACROIX
 DESIGNED BY: T. FILLBACH
 BORING LOGS 5
 PLOT DATE: 27-SEP-2012
 DRAWN BY: R. PELLETT
 CHECKED BY: T. FILLBACH
 SHEET 28 OF 70