



BORING LOG

BARRE TOWN
BRF 6100(7)

Boring No.: B-203
Page No.: 1 of 2
Pin No.: 06J002
Checked By: LJD

Boring Crew: GEOSEARCH - FITCHBURG, MA, SMC
Date Started: 6/08/11 Date Finished: 6/08/11
VTSPG NAD83: N 611692.35 ft E 1638759.06 ft
Station: 14+32 Offset: -5.00
Ground Elevation: 731.0 ft

Casing Type: WB
Sampler Type: SS
I.D.: 1.38 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/MWJ
Rig: CME 55 CE =

Groundwater Observations		
Date	Depth (ft)	Notes
06/08/11	30.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	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, SoSi, 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, SoSi, 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 - 24.0		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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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 27.0		Wood fragments., Rec. = 0.2 ft, 25.0 ft - 27.0 ft			5-4-5-3 (9)				
27.0 - 30.0									
30.0 - 32.0		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
32.0 - 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.							
40.0 - 42.5		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)					
42.5 - 46.8		42.3 ft - 46.8 ft, NXMDC, Similar to C-1.	2	98 (44)					
46.8 - 47.5		Hole stopped @ 46.8 ft							

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