



BORING LOG

BRISTOL
BF 021-1(33)
VT-116 BR-12

Boring No.: **B-102**
Page No.: **1 of 2**
PIn No.: **13B256**
Checked By: **CEE**

Boring Crew: **JUDKINS, GARROW, NIETO**
Date Started: **4/08/14** Date Finished: **4/16/14**
VTSPG NAD83: **N 603167.73 ft E 1497192.96 ft**
Station: **44+01** Offset: **8.80**
Ground Elevation: **645.3 ft**

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 C = 1.33**

Groundwater Observations		
Date	Depth (ft)	Notes
04/09/14		No water to depth.
04/16/14	47.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.57 ft					
		A-1-b, SiSaGr, Lt/brn, MTW, Rec. = 0.7 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	18-32-25-18 (57)	8.7	43.4	36.2	20.4
		Visual Description: Broken Rock with sand, brn, MTW, Rec. = 0.1 ft, Insufficient sample for testing.	8-8-7-9 (15)				
5		A-1-b, SiSaGr, brn-Lt/gry, Molst, Rec. = 1.1 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	37-29-30-R@1.0" (59)	7.6	47.4	31.0	21.6
		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	24-27-22-9 (49)	11.6	49.4	32.1	18.5
10		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.	8-7-10-12 (17)	14.4	43.4	39.0	17.6
		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing.	11-9-16-23 (25)	15.5	34.2	61.5	4.3
		A-1-b, GrSa, Lt/gry, Moist, Rec. = 0.3 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	11-12-9-9 (21)	12.7	43.9	44.8	11.3
15		A-1-b, GrSa, brn, Wet, Rec. = 0.5 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	5-3-22-23 (25)	14.6	39.3	43.1	17.6
		A-1-b, SiSaGr, brn-Lt/gry, Wet, Rec. = 0.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	38-22-18-10 (40)	12.1	39.6	38.5	21.9
20		Visual Description: Broken Rock with sand, brn-gry, Wet, Rec. = 0.1 ft, Insufficient sample for testing.	8-4-4-3 (8)	14.3			
25		A-2-4, SiSa, gry-Lt/brn, MTW, Rec. = 0.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.	9-12-17-12 (29)	18.1	19.6	58.0	22.4
		Field Note: NXDC, Cleaned out casing.					

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 is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.



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Hammer/Rod Type: **Auto/AWJ**
Rig: **CME 45C SKID C = 1.33**

Groundwater Observations		
Date	Depth (ft)	Notes
04/09/14		No water to depth.
04/16/14	47.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiSa, Lt/brn, MTW, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	12-12-11-13 (23)	19.7	16.1	60.5	23.4
35		A-1-b, GrSa, Lt/brn, MTW, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.	47-22-16-13 (38)	11.4	34.3	50.5	15.2
		Visual Description: Broken Rock with sand, gry, MTW, Rec. = 0.1 ft, Insufficient sample for testing. Field Note: NXDC, Cleaned out casing.					
40		A-2-4, SiGrSa, Lt/gry, MTW, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	14-14-10-5 (24)	14.0	24.1	53.7	22.2
45		A-1-b, GrSa, Lt/brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.	6-14-15-11 (29)	10.3	39.9	44.0	16.1
50		A-1-b, SiSaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	13-13-16-13 (29)	9.8	43.3	35.0	21.7
		Hole stopped @ 52.0 ft					
55		Remarks: 1. Hole collapsed at 7.6 ft.					

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BORING LOG 2 BRISTOL BF 021-1(33).GPJ VERMONT AOT.GDT 5/5/14

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