



BORING LOG

NEW HAVEN
BRF 0183(1)
TH-2 BR-10

Boring No.: **B-104**
Page No.: 1 of 2
Pin No.: 10J070
Checked By: CEE

Boring Crew: JUDKINS, DAIGNEAULT, GARROW
Date Started: 9/24/13 Date Finished: 9/30/13
VTSPG NAD83: N 569535.07 ft E 1469941.15 ft
Station: 503+78 Offset: 5.00
Ground Elevation: 249.0 ft

Casing Sampler
Type: WB SS & TUBE
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 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Visual Description: SaGr, brn, MTW, Rec. = 0.2 ft, Insufficient sample for testing.	8-2-2-1 (4)	10.0					
10		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	1-2-WH-WH (2)	67.3		1.0	99.0	61	36
		Cl, gry, Wet, Rec. = 2.0 ft, 14.5 ft - 16.5 ft, Shelby Tube							
		Cl, gry, Wet, Rec. = 2.0 ft, 16.5 ft - 18.5 ft, Shelby Tube							
20		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	WR-WR-WR-WH (WR)	67.9		0.1	99.9	65	37
30		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	WR-WR-WR-WR (WR)	33.1		1.1	98.9	32	15
40		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	WR-WR-WR-WR (WR)	57.6		0.2	99.8	61	35
50		SiCl, gry, MTW, Rec. = 2.0 ft, 48.5 ft - 50.5 ft, Shelby Tube							
		A-6, SiCl, gry, Wet, Rec. = 0.3 ft, Lost sample in hole. Bagged what remained in tube.		34.3		4.6	95.4	32	13
60		Field Note: No Recovery, 10 blows with no movement.	19-R@5.0"						

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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70		Field Note: No Recovery, Extremely hard drilling. Field Note: Pulled casing & replaced bit., Re-drilled same hole	R@3.5"						
80		Field Note: Cobbles Field Note: No Recovery	18-42-R@3.5" (R)						
90		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	8-28-34-R@3.5" (62)	8.8	16.8	29.0	54.2	17	4
100		A-4, GrSaSi, gry, Molst, Rec. = 0.6 ft	27-47-R@5.0" (R)	8.7	21.3	30.9	47.8	18	5
110		A-2-4, GrSiSa, gry, Molst, Rec. = 0.3 ft	26-R@6.0" (R)	11.1	21.2	43.4	35.4		
120		Field Note: No Recovery, Bit worn out. Attempted to pull casing again. Hole stopped @ 121.5 ft Casing broke off.	10-34-R@6.0" (R)						
130		Remarks: 1. Bit was worn out at 74.0 feet, so the driller's pulled the casing and replaced the bit. 2. Bit was worn out again at 121.5 feet, so the driller's attempted to pull the casing again. 3. Casing broke off at 100 feet below ground surface. 20 feet of casing remains in the ground. 4. Top of ground surface was 16.5 feet below the top of the bridge deck.							

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BORING LOG 2 NEW HAVEN BRF 0183(1) GP1 VERMONT AOT-GDT 12/11/13

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