



BORING LOG

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

Boring No.: **B-103**
Page No.: **1 of 2**
Pln No.: **10J070**
Checked By: **CCB**

Boring Crew: **PORTER, DAVISON**
Date Started: **4/30/12** Date Finished: **5/04/12**
VTSPG NAD83: **N 569670.33 ft E 1470011.41 ft**
Station: **505+25** Offset: **31.80**
Ground Elevation: **259.7 ft**

Casing Sampler
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 55 TRACK C = 1.46**

Groundwater Observations
Date Depth Notes
05/04/12 5.1 Above Ground Level

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/ft* (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0-0.4		A-2-4, SiSa, brn, Moist, Rec. = 0.4 ft	WH-WH-WH-1	24.6	0.8	64.3	34.9		
0.4-1.3		A-4, SiSa, brn, Moist, Rec. = 1.3 ft	WH-1-1-2	17.9	4.8	57.4	37.8		
1.3-2.0		A-4, SiSa, brn, Moist, Rec. = 2.0 ft	2	27.6		53.4	46.6		
2.0-1.8		A-4, SaSi with small pieces of Wood, brn-gry, Moist, Rec. = 1.8 ft	2-2-2-3	40.4		38.9	61.1		
1.8-0.9		A-2-4, SiSa with lots of small pieces of Wood, brn-gry, Moist, Rec. = 0.9 ft	1-1-2-1	45.9	0.8	77.6	21.6		
0.9-1.1		Visual Description: Wood, Rec. = 1.1 ft	1-5-6-7	43.3	29.9	58.0	12.1		
1.1-0.7		A-1-b, GrSa with chunks of Wood, gry, Moist, Rec. = 0.7 ft	1-1-1-3	18.5	39.6	53.2	7.2		
0.7-0.6		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	1-1-1-1	58.7	0.1	1.3	98.6	63	38
0.6-2.0		A-7-6, Cl, gry, Moist							
2.0-29'		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar as 27'-29'.	WH-WH-WH-WH	70.2					
29'-30'		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft, Very wet & sloppy sample.	WR-WR-WR-WR	79.6		0.5	99.5	69	42
30'-40'		Visual Description: Cl, gry, Moist, Rec. = 1.5 ft, Material similar as 47'-49'.	WR-WR-WR-WR	74.0					
40'-50'		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	WR-WR-WR-WR	69.4		0.3	99.7	67	41
50'-119'		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar as 47'-49'.	WR-WR-WR-WR	50.9					

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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0-2.0		A-4, ClSi, gry, Moist, Rec. = 2.0 ft	WR-WR-WR-WR	29.6		5.7	94.3	23	8
2.0-70'		Field Note: This area drills like small layers of sand							
70'-80'		A-2-4, SiGrSa, gry, Moist, Rec. = 0.4 ft, Lab Note: (HP)	51 (R)	12.8	30.2	40.9	28.9		
80'-90'		Field Note: Very hard drilling. Drills like rock., Water started flowing out of casing at 82.0 feet. Inserted 3 inch casing to advance. Some Cobbles were noticed during clean out.							
90'-92'		A-4, SaSi, gry, Moist, Rec. = 1.5 ft, Lab Note: (HP)	21-41-50 (R)	8.8	19.8	30.2	50.0		
92'-94'		A-4, SaGrSi, grn-brn, Moist, Rec. = 1.8 ft, Lab Note: (HP)	24-37-37-50 (74)	7.7	29.7	26.6	43.7	17	5
94'-117'		Visual Description: SaGrSi, brn-gry, Moist, Rec. = 1.5 ft, Material similar as 92'-94'. Lab Note: (HP)	42-42-50 (R)	8.3					
117'-119'		Visual Description: GrSaSi, gry, Moist, Rec. = 1.8 ft, Material similar as 117'-119'. Lab Note: (HP)	13-20-31-36 (51)	8.7					
119'-119'		A-4, GrSaSi, gry, Moist, Rec. = 2.0 ft	23-21-30-42 (51)	7.6	25.7	36.8	37.5		

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