



BORING LOG

New Haven
RREW001C
MP 91.90

Boring No.: **B-102**
Page No.: 1 of 2
Pin No.: 13g524
Checked By: MLM



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Boring Crew: New England Boring Contractors, DuBois & King		Type:	Casing	Sampler	Groundwater Observations				
Date Started: <u>11/29/16</u>	Date Finished: <u>11/29/16</u>	I.D.:	WB	SS	Date	Depth (ft)	Notes		
VTSPG NAD83: <u>N 575518.47 ft E 1460795.91 ft</u>		Hammer Wt:	4 in	1.5 in					
Station: <u>4854+35.44</u>	Offset: <u>0.00</u>	Hammer Fall:	N.A.	140 lb.					
Ground Elevation: <u>319.91 ft</u>		Hammer/Rod Type:	N.A.	30 in.					
		Hammer/Rod Type:	Auto/NWJ						
		Rig:	Volvo D53	CE = Unknown					

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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (minutes/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note: Railroad Ballast										
2.5												
5.0												
7.5												
10.0												
12.5												
15.0												
17.5												
20.0		A-7-6, Cl, Dk/gry, Moist, Rec. = 1.7 ft, Lab Note: Similar Atterberg limits to 20-22 foot sample				3-3-4-5 (7)	39.6	1.9	1.1	97.0		
		A-7-6, Cl, Dk/gry, Moist, Rec. = 2.0 ft				2-3-4-5 (7)	41.4	0.4	0.8	98.8	56	31

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (minutes/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
22.5		A-7-6, Cl, Dk/gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 20-22 foot sample				3-3-4-5 (7)	46.4	1.4	1.1	97.5		
25.0		A-7-6, SiCl, Dk/gry, Moist, Rec. = 2.0 ft, Lab Note: A thick layer of organic material was within sample				3-5-9-9 (14)	43.4	1.1	9.6	89.3	43	16
27.5		A-7-6, SiCl, Dk/gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 24-26 foot sample 26.75 ft - 31.55 ft, Blue gray, META-LIMESTONE, with few calcite veins. Slight brown staining on joints. Hard, Unweathered				4-5-7-9 (12)	40.2	1.5	8.5	90.0		
		A-6, SiCl, Dk/gry, Moist, Rec. = 0.3 ft				R@5" (R)	38.4	5.5	17.3	77.2	39	18
		A-6, GrSaCl, Dk/gry, Moist, Rec. = 0.15 ft, Lab Note: Insufficient sample size to perform Atterberg limits tests. Atterberg limits similar to 28-28.5 foot sample. 28.55 ft - 29.75 ft, White to light gray, Biotite-muscovite-quartz-plagioclase GNEISS, with faint rust staining on joints. Moderately hard, Very slightly weathered, NX	1 (N/A)	60 (43)	3		45.5	21.9	26.0	50.1		
30.0					4							
					4							
					4							
32.5					3							
35.0		33.55 ft - 34.25 ft, Gray, Loose, broken META-LIMESTONE, sub-rounded QUARTZ pebbles, calcareous SHALE, and sub-angular red SANDSTONE. NX 34.25 ft - 35.05 ft, Gray, META-LIMESTONE 35.05 ft - 35.75 ft, Tan, Loose, broken, sub-rounded QUARTZ, pebbles, black fissle calcareous SHALE, red sub-angular SANDSTONE pebbles, and gray META-LIMESTONE 35.75 ft - 36.65 ft, Gray, META-LIMESTONE, with few calcite veins. Hard, Slightly weathered	2 (N/A)	48 (0)	5							
37.5					5							
					5							
					5							
					5							
40.0		Hole stopped @ 38.55 ft										
		Remarks: 1. Field Note: 28.4-28.55 foot sample was recovered from auger. 2. Rock core sampled cannot be confirmed as bedrock due to variability in lithology and variability in roundness of rock.										

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. <<SUB>><<SUB>> 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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