
	STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION	BORING LOG		Boring No.: B-4
		Culvert Nos. 83-1 S&H Georgia, Vermont Georgia IN CULV (25)	Page No.: 1 of 3 Pin No.: 11a218 Checked By: ASP	
Boring Crew: <u>Driles/Tarroco (RIF)</u> Date Started: <u>1/24/14</u> Date Finished: <u>1/24/14</u> VTSFG HADRS: <u>N 798677.70 ft E 1477736.55 ft</u> Station: <u>2981+48.50</u> Offset: <u>18.00RT</u> Ground Elevation: <u>368.0 ft</u>	Type: <u>H.S.A.</u> <u>SS</u> I.D.: <u>4.25 in</u> <u>2 in</u> Hammer Wt: <u>N.A.</u> <u>140 lb.</u> Hammer Fall: <u>N.A.</u> <u>30 in.</u> Hammer/Rod Type: <u>Auto</u> Rig: <u>CME 550 ATV</u> <u>CE = 1.33</u>	Casing Sampler Groundwater Observations Date Depth (ft) Notes 01/23/14 31.5 AB		


Depth (ft)	Strat (1)	CLASSIFICATION OF MATERIALS (Description)	Blow(s) (ft/min)	Moisture Content (%)	Gravel (%)	Sand (%)	Fines (%)
0.0 - 2.5	x x x	5-Inches Bituminous concrete pavement A-2-4, SoSl, brown, ouger sample (FILL) Rec. = 2.0 ft	9.0	21.8	52.8	25.4	
2.5 - 5.0		Drill action indicates frequent cobbles to 17 feet.					
5.0 - 7.5	x x x	A-1-s, Gr., brown, poor recovery (FILL)	9-58/3* (50+)	1.2	92.6	4.7	2.7
7.5 - 10.0	x x x	A-1-A, GrSoSl, brown, Rec. = 2.0 ft, (FILL)	8-6-15-20 (21)	1.5	75.9	17.6	6.5
10.0 - 12.5	x x x	A-1-A, GrSoSl, brown and gray, Rec. = 2.0 ft, (FILL)	6-12-18-10 (8)	2.4	59.1	32.2	8.7
12.5 - 15.0	x x x	A-3, SoSl, brown, Rec. = 2.0 ft, (FILL)	8-15-18-23 (33)	4.7	1.8	88.6	9.8

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 2. Values have not been corrected for hammer energy. CE is the hammer energy correction factor. CE is an estimated value.  
 3. Other test results have been made of these and other conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.  
 4. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by NDC.

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22.5 - 25.0	x x x	A-2-4, SoSl, brown, Rec. = 2.0 ft, (FILL)	15-14-18-18 (52)	10.4	1.1	85.6	13.3
25.0 - 27.5	x x x	A-3, SoSl, gray-brown, Rec. = 2.0 ft, (FILL)	6-12-15-17 (27)	17.6	0.6	89.5	9.9
27.5 - 30.0	x x x	A-2-4, SoSl, gray-brown, Rec. = 2.0 ft, (FILL)	4-5-6-4 (11)	20.0	1.3	67.9	30.8
30.0 - 32.5	x x x	A-4, SSo, gray, Rec. = 2.0 ft, faint organic odor	8-5-8-7 (13)	27.3		34.6	65.4
32.5 - 35.0	x x x	A-4, SSo, gray, Rec. = 2.0 ft	2-4-4-7 (6)	29.2		20.7	79.3
35.0 - 37.5	x x x	A-4, SoSl, gray, Rec. = 2.0 ft, stratified	8-15-25-31 (38)	22.6	0.2	55.7	44.1

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45.0 - 47.5		A-4, SSo, gray, Rec. = 2.0 ft, stratified	4-5-8-4 (13)	30.5	0.1	4.3	85.6
47.5 - 50.0		A-4, Si, gray, Rec. = 2.0 ft	1-2-3-3 (3)	32.2	4.7	12.9	82.4
50.0 - 52.5		A-6, CSo, gray, Rec. = 2.0 ft	2-3-3-4 (8)	39.6	2.1	10.0	67.9
52.5 - 55.0		A-7-6, Cl, gray, Rec. = 2.0 ft	sub/12"-6-3	46.4		1.0	99.0
55.0 - 57.5		A-7-6, Cl, gray, Rec. = 2.0 ft	sub/12"-2-3	46.6		1.3	96.7
57.5 - 60.0		A-7-6, Cl, gray, Rec. = 2.0 ft	sub/12"-2-3	44.1	0.1	1.1	96.8
60.0 - 65.0		Hole stopped @ 60.0 ft					

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