



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

Culvert Nos. 83-1 S&N
 Georgia, Vermont
 Georgia IM CULV (25)

Boring No.: B-3
 Page No.: 1 of 1
 Pin No.: 11a218
 Checked By: ASP

Boring Crew: Drilex/Terracon (RJF)
 Date Started: 1/24/14 Date Finished: 1/24/14
 VTSPG NAD83: N 798680.15 ft E 1477624.42 ft
 Station: 2980+99.00 Offset: 84.00LT
 Ground Elevation: 334.0 ft

Type: H.S.A. SS
 I.D.: 4.25 in 2 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto
 Rig: CME 550 ATV CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
01/23/14	0.0	@GS

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 2.5	X X X	A-1-a, GrSaSi, gray-brown, Rec. = 2.0 ft, (FILL)	1-1-6-6 (7)	28.6	70.9	21.6	7.5
2.5 - 3.5	O O O	A-2-4, SaSiGr, gray, Rec. = 2.0 ft	6-7-7-9 (14)	18.4	15.4	55.4	29.2
3.5 - 4.5	O O O	A-2-4, SaSiGr, gray, Rec. = 2.0 ft	3-4-6-9 (10)	8.9	7.7	60.3	32.0
4.5 - 5.5	O O O	A-4, SaSiGr, gray, Rec. = 2.0 ft	4-10-4-5 (14)	20.5	3.3	51.2	45.5
5.5 - 8.0	O O O	SaSi, gray, Rec. = 2.0 ft, 8.0 ft - 9.0 ft	3-3-2-3 (5)				
8.0 - 10.0	O O O	A-4, SaSi, gray		24.7	4.2	43.7	52.1
10.0 - 12.0	Diagonal lines	A-7-6, SiSaGr, gray, Rec. = 2.0 ft	2-2-1-2 (3)	37.5	3.8	10.9	85.3
12.0 - 13.0	Diagonal lines	A-7-6, Cl, gray, Rec. = 2.0 ft	2-2-2-2 (4)	51.5		4.4	95.6
13.0 - 15.0	Diagonal lines	A-4, Si, gray, Rec. = 2.0 ft	3-3-3-3 (6)	22.5	5.4	15.7	78.9
15.0 - 16.0	Diagonal lines	Hole stopped @ 16.0 ft					

Notes:

1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor. CE is an estimated value.
3. Water level readings have been made at times and under 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 VAOT.