



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 CONSTRUCTION AND  
 MATERIALS BUREAU  
 CENTRAL LABORATORY

BORING LOG

MILTON  
 STP 5800(3)  
 U.S. 7

Boring No.: B-104  
 Page No.: 1 of 1  
 Pin No.: 94D194  
 Checked By: END

Boring Crew: Nieto, Garrow, Hulbert  
 Date Started: 7/20/15 Date Finished: 7/20/15  
 VTSPG NAD83: N 774623.81 ft E 1479130.80 ft  
 Station: 202+73.46 Offset: -36.36  
 Ground Elevation: 336.02 ft

Casing WB Sampler 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 45C TRACK C<sub>r</sub> = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
07/20/15	11.4	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, Sa, brn, Moist, Rec. = 1.6 ft	2-3-2-1 (5)	11.0	1.4	82.9	15.7
		A-3, Sa, brn, Moist, Rec. = 1.3 ft	1-2-2-2 (4)	5.4	2.1	93.0	4.9
		A-3, Sa, brn, Moist, Rec. = 1.6 ft	2-3-2-4 (5)	4.9	4.5	89.1	6.4
		A-3, Sa, brn, Moist, Rec. = 1.8 ft	5-5-5-5 (10)	4.7	1.8	94.7	3.5
10		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	4-3-4-5 (7)	10.8	0.1	74.5	25.4
		A-2-4, Sa, brn, Moist, Rec. = 2.0 ft	5-5-4-5 (9)	11.7	0.4	88.8	10.8
15		A-3, Sa, brn, Moist, Rec. = 0.5 ft	3-4-4-3 (8)	21.9	0.6	94.0	5.4
20		A-2-4, SiSa, brn, MTW, Rec. = 0.6 ft	1-4-5-3 (9)	25.8		66.1	33.9
25		A-2-4, Sa, brn, Moist, Rec. = 2.0 ft	3-3-3-4 (6)	22.9	0.2	82.0	17.8
30		A-4, SiSa, brn, Moist, Rec. = 2.0 ft	3-2-3-2 (5)	23.0	0.9	56.2	42.9
35		Hole stopped @ 32.0 ft					
		Remarks: Hole collapsed at 11.4 feet.					

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<sub>r</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.

BORING LOG 2 MILTON STP 5800(3).GPJ VERMONT AOT.GDT 8/19/15