



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

BORING LOG

MILTON
 STP 5800(3)
 U.S. 7

Boring No.: B-105
 Page No.: 1 of 1
 Pin No.: 94D194
 Checked By: END

Boring Crew: Garrow, Nieto, Hulbert
 Date Started: 7/16/15 Date Finished: 7/17/15
 VTSPG NAD83: N 774572.12 ft E 1479178.28 ft
 Station: 202+80.00 Offset: 33.50
 Ground Elevation: 339.12 ft

Casing Type: 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_s = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
07/16/15	5.9	During drilling.
07/17/15	15.3	After 12 hours.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-4, GrSaSi, brn, Moist, Rec. = 0.7 ft	3-2-1-1 (3)	16.4	21.7	28.7	49.6
		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample. Rollercone cleaned out casing.	1-2-11-6 (13)	10.6	16.4	62.9	20.7
		A-2-4, Sa, brn, Moist, Rec. = 1.2 ft	5-3-3-4 (6)	12.2	3.7	80.7	15.6
10		A-1-b, Sa, brn, Moist, Rec. = 1.7 ft	6-4-4-7 (8)	12.9	8.7	83.9	7.4
		A-3, Sa, brn, Moist, Rec. = 1.5 ft	6-6-6-6 (12)	11.7	1.4	92.5	6.1
		A-3, Sa, brn, Moist, Rec. = 1.5 ft	6-5-7-5 (12)	15.2	4.7	89.5	5.8
15		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft	3-6-8-10 (14)	23.3	0.3	79.3	20.4
20		A-4, SiSa, brn, MTW, Rec. = 1.2 ft	1-2-1-1 (3)	25.3		60.4	39.6
25		A-2-4, Sa, brn, MTW, Rec. = 1.0 ft	1-2-3-2 (5)	25.6		80.3	19.7
30		A-2-4, SiSa, brn, MTW, Rec. = 1.1 ft	1-2-2-1 (4)	25.7	0.1	78.1	21.8
		Hole stopped @ 32.0 ft					
35		Remarks: Hole collapsed at 14.5 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_s 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