



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

BORING LOG

CAVENDISH
 BO 1442(38)
 TH-1 BR-58

Boring No.: B-204
 Page No.: 1 of 1
 Pin No.: 13J302
 Checked By: SPM

Boring Crew: Gonyaw, Garrow, Emerson
 Date Started: 8/23/17 Date Finished: 8/23/17
 VTSPG NAD83: N 321127.25 ft E 1604145.44 ft
 Station: 22+79.31 Offset: -48.40
 Ground Elevation: 928.3 ft

Type: WB Sampler SS
 I.D.: 3 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
08/23/17	11.4	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		A-1-b, GrSa, blk, Moist, Rec. = 0.5 ft, Lab Note: Plant roots were within sample	1-1-1-1 (2)	11.6	28.8	51.9	19.3
3.2		A-2-4, GrSa, blk, Moist, Rec. = 0.7 ft, Lab Note: Sticks and plant roots were within sample	1-1-1-1 (2)	5.2	21.7	58.8	19.5
3.9		A-2-4, GrSa, blk, Moist, Rec. = 0.5 ft, Lab Note: Broken rock and glass was within sample	2-1-1-1 (2)	5.4	31.5	51.4	17.1
4.6		A-1-b, GrSa, blk, Moist, Rec. = 0.5 ft	1-1-1-1 (2)	5.4	32.8	51.8	15.4
5.3		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.0 ft, Lab Note: Decomposing plant material was within sample		2.4	2.8	77.2	20.0
5.9		A-2-4, SiGrSa, blk, Moist, Rec. = 0.4 ft, Lab Note: A very small amount of organic material was within sample	6-5-3-2 (8)	25.4	24.5	52.6	22.9
6.6		A-2-4, GrSa, Lt/brn, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample	3-4-15-28 (19)	17.1	24.9	59.7	15.4
7.3		A-1-a, SaGr, Lt/brn, Moist, Rec. = 0.6 ft, Lab Note: A lot of broken rock was within sample	17-20-28-25 (48)	7.5	67.7	23.7	8.6
8.0		Field Note:, BXDC, Cleaned out casing, Gravel					
8.7		A-2-4, GrSa, Lt/brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample	14-9-6-4 (15)	14.8	30.7	55.8	13.5
9.4		Field Note:, BXDC, Cleaned out casing, Gravel					
10.1		A-3, Sa, Lt/brn, Moist, Rec. = 0.3 ft, Lab Note: A small amount of broken rock was within sample	4-4-4-5 (8)	22.3	15.2	76.8	8.0
10.8		A-2-4, Sa, Lt/brn, Moist, Rec. = 0.8 ft	3-4-4-5 (8)	24.8	3.0	81.1	15.9
20.0	Hole stopped @ 20.0 ft						
22.5	Remarks: Hole collapsed at 12.4 feet.						

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