



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-201

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Pin No.: 13J302

Checked By: SPM

Boring Crew: Gonyaw, Garrow, Emerson  
 Date Started: 8/24/17 Date Finished: 8/24/17  
 VTSPG NAD83: N 321029.66 ft E 1604244.81 ft  
 Station: 21+26.22 Offset: -45.40  
 Ground Elevation: 930.6 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
08/24/17	13.0	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
		A-2-4, GrSa, brn, Moist, Rec. = 0.7 ft, Lab Note: Plant material was within sample	WH-WH-5-3 (5)	11.0	23.6	61.7	14.7	
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.8 ft	2-2-4-6 (6)	7.0	29.3	49.9	20.8	
5		A-1-b, SaGr, Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample	9-8-6-9 (14)	2.7	45.6	42.5	11.9	
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample	12-19-R@3.5" (R)	11.0	40.7	43.9	15.4	
		Field Note:, NXDC, Cleaned out casing, Cobbles						
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample	12-18-22-21 (40)	8.6	54.9	29.3	15.8	
10		A-2-4, Sa, brn, Moist, Rec. = 0.7 ft	9-11-8-7 (19)	17.2	2.9	80.8	16.3	
		A-2-4, Sa, brn, Moist, Rec. = 0.9 ft	6-5-6-5 (11)	19.4	3.4	83.4	13.2	
		A-2-4, Sa, brn, Moist, Rec. = 1.3 ft	4-4-4-5 (8)	23.8	0.9	86.4	12.7	
15		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft	4-4-4-5 (8)	21.1	1.0	85.6	13.4	
		A-2-4, Sa, brn, Moist, Rec. = 0.7 ft	5-3-4-4 (7)	24.2	4.5	81.5	14.0	
20		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft	4-3-5-6 (8)	26.9	1.2	74.7	24.1	
		Field Note:, No Recovery, appears to be sand	10-8-6-9 (14)					
		A-2-4, Sa, brn, Moist, Rec. = 0.5 ft	8-10-10-9 (20)	24.1	1.5	86.0	12.5	
25		A-2-4, Sa, brn, Moist, Rec. = 0.7 ft	4-5-9-14 (14)	26.0	0.4	82.7	16.9	
		Field Note:, No Recovery, appears to be sand	15-13-13-13 (26)					
30		Hole stopped @ 30.0 ft						
		Remarks: Hole Collapsed at 30 feet. 1. Added bentonite to drilling operation at 20 feet due to sand.						

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.

BORING LOG Z CAVENDISH BO 1442(38) VERMONT AGENCY OF TRANSPORTATION 9/28/17