



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

BORING LOG

Ripton  
ER STP 0174(19)  
VT 125

Boring No.: **B-211**

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Pin No.: 12c414

Checked By: AKF

Boring Crew: Emerson, Garrow, Mazzei  
Date Started: 7/10/17 Date Finished: 7/10/17  
VTSPG NAD83: N 538066.65 ft E 1497542.70 ft  
Station: 49+25 Offset: -10.00  
Ground Elevation: 996.4 ft

Casing: WB Sampler: SS  
Type: WB 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 55 TRACK CE = 1.41

Groundwater Observations		
Date	Depth (ft)	Notes
07/10/17	11.6	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.42		Asphalt Pavement, 0.0 ft - 0.42 ft					
0.42 - 5.0		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft	3-18-13 (31)	6.0	41.9	41.5	16.6
5.0 - 10.0		Visual Description: Broken Rock, Rec. = 0.1 ft	5-6-7-4 (13)				
10.0 - 15.0		Field Note: BXDC, Cleaned out casing					
15.0 - 20.0		A-2-4, SiGrSa, gry, Moist, Rec. = 0.5 ft	5-3-3-3 (6)	14.9	29.2	45.7	25.1
20.0 - 25.0		Field Note: BXDC, Cleaned out casing					
25.0 - 30.0		Field Note: No Recovery	20-22-22-17 (44)				
30.0 - 32.0		A-2-4, Sa, brn, Moist, Rec. = 0.6 ft	2-10-14-12 (24)	19.3	10.7	76.2	13.1
30.0 - 32.0		A-2-4, Sa, gry-orange, Moist, Rec. = 0.4 ft		23.4	0.1	81.4	18.5
32.0 - 35.0		A-1-b, SiSaGr, brn, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample	5-26-25-24 (51)	12.7	40.3	39.5	20.2
Hole stopped @ 32.0 ft							
35.0		Remarks: Hole collapsed at 17.5 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.