



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

BORING LOG

RUTLAND TOWN
 NH WALL(3)
 US-4

Boring No.: **B-102**

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Pin No.: 15B033

Checked By: END

Boring Crew: GARROW, HOOK
 Date Started: 6/19/15 Date Finished: 6/19/15
 VTSPG NAD83: N 411405.29 ft E 1522028.07 ft
 Station: 29+47 Offset: 22.70
 Ground Elevation: 724.46 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 SKID C_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
06/19/15	5.0	While drilling.
06/19/15	7.3	Casing removed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
		Asphalt Pavement, 0.0 ft - 0.95 ft						
		A-1-b, SaGr, white-brn, Moist, Rec. = 0.6 ft	4-6-5-26 (11)	10.2	46.7	42.3	11.0	
		Field Note:, No Recovery	R@1.0"					
5		Field Note:, NXDC, Boulder						
		Visual Description:, Broken Rock with sand, brn, Moist, Rec. = 0.4 ft	2-29-12-R@2.5" (41)	8.3				
		Field Note:, NXDC, Cobbles						
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft	38-25-R@3.5" (R)	15.9	35.5	50.9	13.6	
		Field Note:, NXDC, Cobbles						
10		A-1-b, SaGr, brn, MTW, Rec. = 0.4 ft, Lab Note: Lots of Broken Rock (Cobbles) were within sample.	17-24-11-5 (35)	22.4	48.0	39.8	12.2	
		A-1-b, GrSa, brn, MTW, Rec. = 0.1 ft, NXDC, Cleaned out casing.	16-24-18-15 (42)	12.6	32.0	49.7	18.3	
15		A-4, SaSi, brn, MTW, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	9-17-25-25 (42)	22.3	5.3	39.3	55.4	
20		Field Note:, NXDC, Boulder						
		Field Note:, NXDC, Boulder						
25		A-4, SaSi, brn, Moist, Rec. = 0.6 ft	30-R@5.0" (R)	17.3	6.8	36.9	56.3	
30		A-4, SiSa, brn, Moist, Rec. = 0.9 ft	10-12-22-28 (34)	17.7	4.3	59.8	35.9	
		Hole stopped @ 32.0 ft						
35		Remarks: Hole collapsed at 12.0 ft.						

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 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 RUTLAND TOWN NH WALL(3).GPJ VERMONT AOT.GDT 8/3/15