



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

BORING LOG

Poultney
BF0138(12)
SNR140 (TH-2) Br. #2

Boring No.: **B-102**
Page No.: 1 of 1
Pin No.: 13j276
Checked By: MLM

Boring Crew: Whitlock, Judkins, Coletti
Date Started: 5/20/16 Date Finished: 5/23/16
VTSPG NAD83: N 375593.15 ft E 1456534.86 ft
Station: 114+85 Offset: 6.00
Ground Elevation: 535.7 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 45C SKID C_s = 1.42

Groundwater Observations

Date	Depth (ft)	Notes
05/23/16	17.7	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.23 ft								
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample				7-7-7-7 (14)	10.3	34.9	44.7	20.4
		A-1-a, Gr, brn-gry, Moist, Rec. = 0.9 ft, Lab Note: A lot of broken rock was within sample				5-2-3-12 (5)	1.8	77.9	17.5	4.6
5		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken rock and small metal pieces were within sample Field Note:, Rollercone, Cleaned out casing				5-17-15-7 (32)	6.5	56.5	31.7	11.8
		Field Note:, No Recovery				3-2-1-1 (3)				
10		A-1-a, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample Field Note:, Rollercone, Cleaned out casing				4-4-9-7 (13)	9.5	66.0	22.1	11.9
		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample Field Note:, Rollercone, Cleaned out casing				11-3-4-9 (7)	16.2	46.0	29.0	25.0
		A-1-b, GrSa, brn-gry, Moist, Rec. = 0.8 ft Field Note:, Rollercone, Cleaned out casing				9-9-5-6 (14)	10.9	44.2	44.3	11.5
15		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft Field Note:, Rollercone, Cleaned out casing				6-4-6-8 (10)	10.0	51.3	37.4	11.3
		Field Note:, No Recovery				2-1-1-1 (2)				
20		A-4, SiSa, brn, Moist, Rec. = 0.6 ft, Lab Note: A lot of sticks, twigs, and wood fibers were within sample				1-1-1-1 (2)	77.9	3.3	50.2	46.5
		Field Note:, Rollercone, Cleaned out casing								
25		24.0 ft - 29.0 ft, Light gray/green, PHYLLITE, with few quartz veins. Moderately hard, Unweathered, Fair rock, NX, RMR=49 Low RQD could be due to mechanical breakage	1 (70)	100 (36)	10 10 10 25 15					
		29.0 ft - 34.0 ft, Light gray/green, PHYLLITE, with rare quartz veins. Moderately hard, Unweathered, Fair rock, NX, RMR=41 Low RQD could be due to mechanical breakage	2 (60-70)	100 (14)	9 6 7 7 10					
35		Hole stopped @ 34.0 ft								
		Remarks: Hole collapsed at 15.6 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 POULTNEY BF0138(12).GPJ VERMONT AOT.GDT 6/24/16