



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

BARRE TOWN
 STP SCR(10)
 VT-14 CULVERT, JOCKEY HOLLOW

Boring No.: B-101
 Page No.: 1 of 1
 Pin No.: 10D202
 Checked By: LAR

Boring Crew: GARROW, SALISBURY
 Date Started: 8/02/12 Date Finished: 8/23/12
 VTSPG NAD83: N 612617.96 ft E 1639836.80 ft
 Station: 119+29 Offset: -10.00
 Ground Elevation: 670.0 ft

Casing Sampler
 Type: H.S.A. SS
 I.D.: 3.25 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No data collected.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note:, Asphalt Pavement					
5		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft, A few pieces of Broken Granite & Concrete were within sample.	10-12-11-6 (23)	5.1	40.0	42.6	17.4
		Visual Description:, SiSa, brn, Wet, Rec. = 0.2 ft, Insufficient sample for testing.	(WH)				
		Field Note:, Possible void in this area.					
10		A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft	2-1-5-6 (6)	17.2	21.0	44.6	34.4
		A-1-a, SaGr, gry, Moist, Rec. = 0.5 ft, Sample was mostly Broken/Fractured Rock.		9.9	64.3	23.2	12.5
15		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft, Some pieces of Wood were within sample. Possible wood mat.	7-4-3-4 (7)	27.4	4.0	66.0	30.0
		A-4, SaSi, Dk/brn, Moist, Rec. = 0.7 ft, A lot of Sticks/Wood were within sample. Possible wood mat.		40.7	3.1	46.9	50.0
		Field Note:, Switched over to Wash Bore method of drilling and used 4" casing					
20		A-1-b, Sa, gry, Moist, Rec. = 0.8 ft	1-2-2-3 (4)	24.4	2.3	90.1	7.6
		A-1-b, Sa, gry, Moist, Rec. = 1.5 ft	3-3-6-6 (9)	21.2	9.0	81.7	9.3
25		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft	9-8-5-4 (13)	10.5	46.9	38.7	14.4
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft	5-6-8-7 (14)	11.3	54.9	35.3	9.8
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft	5-5-3-3 (8)	18.1	48.9	42.6	8.5
30		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	5-4-10-14 (14)	11.7	61.3	28.2	10.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.6 ft	12-16-11-9 (27)	13.4	57.0	30.6	12.4
35		A-1-a, SaGr, brn, Moist, Rec. = 1.3 ft	13-8-6-7 (14)	13.3	56.9	35.7	7.4
		Hole stopped @ 36.0 ft					
40		Remarks: During washbore method of drilling with water pumped from a nearby stream, suds were noticeable.					

Notes:

1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.