



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

BORING LOG

Westminster  
IM SCRP(20)  
I-91

Boring No.: B-103

Page No.: 1 of 1

Pin No.: 16d057

Checked By: END

Boring Crew: Whitlock, Judkins, Coletti  
Date Started: 5/03/16 Date Finished: 5/04/16  
VTSPG NAD83: N 201093.99 ft E 1648529.06 ft  
Station: 1359+43.99 Offset: 59.04  
Ground Elevation: 298.3 ft

Type: \_\_\_\_\_ Casing: 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 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
05/04/16	6.4	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Small sticks and twigs were within sample	3-4-3-4 (7)	12.2	29.0	49.6	21.4
		A-1-a, SaGr, brn, Moist, Rec. = 1.3 ft, Lab Note: A lot of broken rock was within sample	9-7-8-10 (15)	4.7	61.9	24.8	13.3
5		A-1-a, Gr, brn, Moist, Rec. = 0.4 ft, Lab Note: A lot of broken rock was within sample Field Note:, NXDC, Cleaned out casing	11-R@5" (R)	1.8	75.5	16.7	7.8
		A-1-a, Gr, brn, Moist, Rec. = 0.7 ft, Lab Note: A lot of broken rock was within sample	3-6-6-4 (12)	10.9	69.6	19.1	11.3
		A-2-4, Sa, brn, MTW, Rec. = 1.3 ft, Lab Note: Small sticks and twigs were within sample. Sample was rust colored Field Note:, Rollercone, Cleaned out casing	2-2-3-4 (5)	26.6	7.3	78.0	14.7
10		A-4, Si, gry, MTW, Rec. = 1.2 ft, Lab Note: Small sticks, twigs, and layers of clay were within sample. Sample tested non-plastic. Field Note:, Rollercone, Cleaned out casing	1-2-3-4 (5)	35.6	8.5	11.6	79.9
		A-4, Si, gry-brn, MTW, Rec. = 1.1 ft, Lab Note: Some clay and plant material was within sample. Sample tested non-plastic.	1-2-2-2 (4)	43.3	1.3	11.7	87.0
		A-4, SaSi, gry-red, Moist, Rec. = 1.4 ft, Lab Note: A thick rust colored layer of completely weathered rock was within sample. Sample tested non-plastic. Field Note:, Rollercone, Cleaned out casing	WH-1-2-2 (3)	45.7	3.7	20.4	75.9
		A-2-4, SiSa, gry-red, Moist, Rec. = 0.7 ft, Lab Note: A thin layer of clay was within sample. Sample was rust colored and tested non-plastic.	1-3-2-3 (5)	30.8	9.2	57.2	33.6
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	1-3-4-4 (7)	22.8	8.3	69.1	22.6
20		Field Note:, Rollercone, Cleaned out casing					
		A-4, SaGrSi, gry, MTW, Rec. = 0.9 ft, Lab Note: Some clay was within sample. Sample tested non-plastic.	2-3-5-6 (8)	12.8	31.9	27.3	40.8
		Field Note:, Rollercone, Cleaned out casing					
25		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft	11-12-15-19 (27)	11.1	25.8	31.1	43.1
		Field Note:, Rollercone, Cleaned out casing					
30		A-2-4, SiSaGr, gry, Moist, Rec. = 0.3 ft, Lab Note: Broken rock was within sample. Field Note:, NXDC, Cleaned out casing	R@3.5" (R)	10.3	40.2	32.1	27.7
		Hole stopped @ 32.0 ft					
35		Remarks: Hole collapsed at 15.1 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 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 WESTMINSTER IM SCRP(20).GPJ VERMONT AOT.GDT 5/26/16