



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

BORING LOG

Ferrisburgh
 RREW001D
 Milepost 99.1

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 13g526
 Checked By: MLM

Boring Crew: New England Boring Contractors, DuBois & King
 Date Started: 12/01/16 Date Finished: 12/01/16
 VTSPG NAD83: N 608993.85 ft E 1450760.84 ft
 Station: 5235+57.62 Offset: 0.00
 Ground Elevation: 246.85 ft

Type: WB Sampler SS
 I.D.: 4 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: Auto/NWJ
 Rig: Volvo D53 CE = Unknown

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5									
10		A-4, SaSi, Lt/brn-gry, Moist, Rec. = 0.9 ft, Lab Note: Broken rock and some clay was within sample. Sample tested non-plastic	6-6-6-7 (12)	25.7	17.2	35.1	47.7		
		A-4, SaSi, Dk/gry, Moist, Rec. = 1.5 ft, Lab Note: Some clay was within sample. Sample tested non-plastic	4-5-7-8 (12)	29.6	2.6	45.9	51.5		
		A-4, SaSi with layer of organics, brn, Moist, Rec. = 2.0 ft, Lab Note: Some clay was within sample. Sample tested non-plastic	6-8-9-7 (17)	24.4	7.3	49.2	43.5		
15		A-7-6, Cl, brn-gry, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample	3-7-7-5 (14)	31.0	6.7	43.2	50.1	47	21
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 15-17 foot sample	8-9-9-9 (18)	31.0	4.8	35.6	59.6		
20		A-7-6, Cl, Lt/gry, Moist, Rec. = 2.0 ft	2-5-5-7 (10)	39.9	8.0	12.6	79.4	56	31
		A-7-6, Cl, Lt/gry-brn, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 20-22 foot sample	6-9-13-11 (22)	37.6	9.8	25.3	64.9		
25		A-4, GrSaSi, Lt/gry, Moist, Rec. = 2.0 ft, Lab Note: Broken rock and some clay was within sample. Sample tested non-plastic	4-4-3-2 (7)	14.2	21.7	32.5	45.8		
		A-4, SaSi, Lt/gry, Moist, Rec. = 2.0 ft, Lab Note: Broken rock and some clay was within sample. Sample tested non-plastic	1-5-2-4 (7)	20.5	19.9	25.2	54.9		
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Some clay was within sample. Sample tested non-plastic	4-8-13-18 (21)	24.4	8.8	17.5	73.7		
30		Visual Description:, Si, gry, Moist, Rec. = 1.5 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic	11-25-26-31 (51)	21.3					
35		Visual Description:, SaSi, Dk/gry, Moist, Rec. = 1.0 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic	39-44-41-38 (85)	19.1					
40		Visual Description:, Si, Dk/gry, Moist, Rec. = 1.3 ft, Lab Note: Sample tested non-plastic	32-36-37-30 (73)	20.0					
		Hole stopped @ 42.0 ft							
45									

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.

BORING LOG 2-FERRISBURGH RREW001D.GPJ VERMONT | AOT.GDT 12/22/16