



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

BORING LOG

IRASBURG
 STP CULV(30)
 VT-58 BR-6&7

Boring No.: B-103
 Page No.: 1 of 1
 Pin No.: 11C266
 Checked By: LAR

Boring Crew: GARROW, JUDKINS
 Date Started: 10/10/12 Date Finished: 10/10/12
 VTSPG NAD83: N 840357.40 ft E 1699907.54 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

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 SKID CE = 1.33

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 %
0.0 - 0.6		Asphalt Pavement, 0.0 ft - 0.6 ft							
0.6 - 1.5		Visual Description:, Sa with little Gravel, gry, Moist, Rec. = 0.6 ft	5-4-4-4 (8)						
1.5 - 2.0		Field Note:, Boulders & Cobbles							
2.0 - 2.5		Field Note:, No Recovery, gry, Moist, Appears to be Silt.	2-1-2-2 (3)						
2.5 - 3.0		A-6, SiCl, gry, MTW, Rec. = 1.5 ft	(WH)	35.1	0.6	3.0	96.4	33	11
3.0 - 3.8		CISi Shelby Tube, gry, MTW, Rec. = 0.8 ft, 19.0 ft - 21.0 ft							
3.8 - 4.5		A-4, CISi, gry, MTW, Rec. = 1.7 ft	(6)	24.2	1.4	16.5	82.1	26	8
4.5 - 5.2		A-4, Si, gry, MTW, Rec. = 1.1 ft	(2)	22.4		12.9	87.1	20	5
5.2 - 5.4		Visual Description:, GrSaSi, gry, Wet, Rec. = 0.2 ft	(2)						
5.4 - 5.7		A-6, SiCl, gry, Wet, Rec. = 0.3 ft	(2)	19.1				34	18
5.7 - 6.4		Visual Description:, CISi, gry, Wet, Rec. = 0.7 ft	(WH)						
6.4 - 8.1		A-4, SaCISi, gry, Wet, Rec. = 1.7 ft	(WH)	31.5		20.0	80.0	23	9
8.1 - 8.7		Visual Description:, SaCISi, gry, Wet, Rec. = 0.6 ft	1-3-5-5 (8)						
8.7 - 10.4		A-2-4, Sa, gry, MTW, Rec. = 1.7 ft	4-3-3-4 (6)	16.9	5.3	77.5	17.2		
10.4 - 11.0		A-1-b, GrSa, gry, MTW, Rec. = 0.6 ft	8-4-5-6 (9)						
11.0 - 12.7		A-1-b, GrSa, gry, MTW, Rec. = 0.5 ft	8-7-9-11 (16)	10.1	21.8	69.7	8.5		
12.7 - 13.8		Visual Description:, Sa, gry, MTW, Rec. = 1.1 ft	14-11-11-11 (22)						
13.8 - 14.9		A-2-4, Sa, gry, MTW, Rec. = 1.1 ft	6-6-10-10 (16)	13.5	7.9	78.3	13.8		
14.9 - 45.0		Hole stopped @ 45.0 ft							
50.0		Remarks: Top of river bed is 16.0 feet below ground surface.							

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.

BORING LOG 2 IRASBURG STP CULV(30).GPJ VERMONT AOT.GDT 1/28/13