



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-104

Page No.: 1 of 1

Pin No.: 11C266

Checked By: LAR

Boring Crew: GARROW, WHITLOCK
Date Started: 10/09/12 Date Finished: 10/09/12
VTSPG NAD83: N 840341.66 ft E 1699936.75 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 %
		Field Note:, Asphalt Pavement							
5		Visual Description:, SiSaGr, brn, Wet, Rec. = 0.5 ft	8-5-5-4 (10)						
10		Field Note:, Boulder							
10		Visual Description:, SiGrSa, brn, Moist, Rec. = 1.2 ft	7-4-5-7 (9)						
15		Field Note:, No Recovery, Appears to be Sandy Silt.	2-1-2-2 (3)						
20		A-4, Cisi, gry, Moist, Rec. = 1.1 ft	1-2-2-2 (4)	31.2	11.2	12.3	76.5	31	10
20		A-4, Cisi, gry, Moist, Rec. = 1.0 ft	1-1-2-3 (3)	26.1	4.2	8.2	87.6	29	10
20		SaSi Shelby Tube, gry, Moist, Rec. = 1.1 ft, 21.0 ft - 23.0 ft, Tested Non-Plastic		15.3					
25		A-4, SaCisi, gry, Moist, Rec. = 1.8 ft	(2)	22.6	11.6	21.4	67.0	22	8
25		A-4, SaGrSi with some Clay, gry, Wet, Rec. = 1.5 ft	(WH)	19.3	27.4	21.5	51.1	24	9
25		A-4, Cisi, gry, Wet, Rec. = 1.4 ft	(2)	21.5	2.6	11.6	85.8	20	7
30		A-4, SaSi, gry, MTW, Rec. = 1.4 ft	6-5-7-11 (12)	14.1	2.4	41.1	56.5		
35		Visual Description:, GrSaSi, gry, MTW, Rec. = 1.0 ft	8-7-7-10 (14)						
35		Visual Description:, SiSa, gry, Wet, Rec. = 1.3 ft	2-3-5-7 (8)						
35		A-4, SiSa, gry, Moist, Rec. = 1.4 ft	17-26-26-30 (52)	13.0		59.2	40.8		
35		Visual Description:, SiSa, gry, Moist, Rec. = 1.5 ft	18-30-39-R (69)						
40		A-4, SiSa, gry, Moist, Rec. = 0.9 ft	32-R (R)	13.3		55.0	45.0		
40		A-4, SiSa, gry, Moist, Rec. = 1.7 ft	13-32-37-R (69)			60.1	39.9		
45		Visual Description:, SiSa, gry, Moist, Rec. = 1.3 ft	31-36-R (R)						
45		Hole stopped @ 44.4 ft							

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