

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-101					
		IRASBURG STP CULV(30) VT-58 BR-6&7		Page No.: 1 of 1					
				Pin No.: 11C266					
				Checked By: LAR					
Boring Crew: GARROW, JUDKINS		Type: WB	Sampler: SS	Groundwater Observations					
Date Started: 10/11/12	Date Finished: 10/11/12	I.D.: 4 in	1.5 in	Date	Depth (ft)				
VTSPG NAD83: N 843693.56 ft	E 1691783.85 ft	Hammer Wt: N.A.	140 lb.	10/11/12	15.0				
Station: 24+96	Offset: 12' LT	Hammer Fall: N.A.	30 in.		Bedstream Bottom				
Ground Elevation: 853.4		Hammer/Rod Type: Auto/AWJ							
		Rig: CME 45C SKID	CE = 1.33						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.8 ft							
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft	7-3-3-3 (6)	15.4	12.4	44.2	43.4		
10		Visual Description: SiGrSa, brn, Moist, Rec. = 0.8 ft	22-13- 13-7 (26)						
		Visual Description: GrSa, brn, Moist, Rec. = 0.8 ft	3-2-5-4 (7)						
		Field Note: No Recovery, Stone in sampler.	7-6-4-2 (10)						
20		A-2-4, SiSa, Dk/brn, MTW, Rec. = 0.9 ft	4-2-1-1 (3)	42.1	0.5	64.7	34.8		
		Visual Description: SiSa, Dk/brn, MTW, Rec. = 1.5 ft	1-2-1-2 (3)						
		Visual Description: SiSa, yellow, MTW, Rec. = 0.1 ft	7-5-8-8 (13)						
		Field Note: No Recovery	11-8-8-8 (16)						
		A-4, Si, gry, Wet, Rec. = 0.9 ft	7-5-3-4 (8)	26.5		17.3	82.7		
30		Visual Description: Si, gry, MTW, Rec. = 1.4 ft	2-3-2-2 (5)						
		A-4, Si, gry, MTW, Rec. = 1.4 ft	2-3-5-5 (8)	26.0		17.0	83.0		
		Visual Description: Si, gry, MTW, Rec. = 1.2 ft	2-3-4-6 (7)						
		A-4, Si, gry, MTW, Rec. = 1.5 ft	3-3-4-5 (7)	24.7		1.6	98.4	23	6
		Visual Description: Si with little clay, gry, MTW, Rec. = 1.6 ft	3-3-3-4 (6)						
40		Field Note: No Recovery in Shelby Tube							
		Visual Description: SiCl, gry, Moist, Rec. = 1.8 ft	3-3-4-6 (7)						
		A-6, SiCl, gry, MTW, Rec. = 1.5 ft	4-5-7-6 (12)	26.5		0.8	99.2	29	11
		Visual Description: SiCl, gry, MTW, Rec. = 1.8 ft	3-4-6-6 (10)						
50		Visual Description: SiCl, gry, MTW, Rec. = 1.6 ft	5-4-4-6 (8)						
		Hole stopped @ 50.0 ft							
		Remarks: 15.0 feet to bed of stream.							
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.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102					
		IRASBURG STP CULV(30) VT-58 BR-6&7		Page No.: 1 of 1					
				Pin No.: 11C266					
				Checked By: LAR					
Boring Crew: GARROW, JUDKINS		Type: WB	Sampler: SS	Groundwater Observations					
Date Started: 10/12/12	Date Finished: 10/12/12	I.D.: 4 in	1.5 in	Date	Depth (ft)				
VTSPG NAD83: N 843671.01 ft	E 1691807.52 ft	Hammer Wt: N.A.	140 lb.						
Station: 25+16	Offset: 13.75' RT	Hammer Fall: N.A.	30 in.						
Ground Elevation: 855.0		Hammer/Rod Type: Auto/AWJ							
		Rig: CME 45C SKID	CE = 1.33						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.8 ft							
		Visual Description: SaGr, brn, Moist, Rec. = 0.6 ft	8-8-8-7 (16)						
10		Visual Description: Broken Rock pieces, gry, Moist, Rec. = 0.1 ft	14- R06.0"						
		Field Note: Boulder							
		Visual Description: GrSa, brn, MTW, Rec. = 0.4 ft	4-4-3-3 (7)						
		Field Note: No Recovery, Stone in sampler.	4-3-2-4 (5)						
20		Visual Description: One stone with little sand, gry, Moist, Rec. = 0.1 ft	3-4-3-4 (7)						
		A-2-4, GrSiSa, Dk/gry, MTW, Rec. = 0.7 ft	4-6-5-2 (11)	17.6	26.1	40.2	33.7		
		Visual Description: GrSiSa, gry, MTW, Rec. = 0.8 ft	4-4-4-3 (8)						
		A-4, SaSi, gry, Wet, Rec. = 1.1 ft	2-2-4-4 (6)	26.5	0.4	43.7	55.9		
		Visual Description: SiSa, gry, Wet, Rec. = 1.5 ft	2-4-4-4 (8)						
30		A-4, CiSi, gry, Moist, Rec. = 1.7 ft	4-5-5-5 (10)	22.9		3.2	96.8	25	8
		Visual Description: CiSi, gry, MTW, Rec. = 1.3 ft	2-5-4-6 (9)						
		A-6, SiCl, gry, MTW, Rec. = 1.8 ft	2-4-3-3 (7)	26.3		1.0	99.0	30	11
		Visual Description: CiSi, gry, MTW, Rec. = 1.4 ft	2-4-5-5 (9)						
40		A-4, CiSi, gry, MTW, Rec. = 1.4 ft	3-3-6-6 (9)	24.4		16.6	83.4	23	8
		Visual Description: CiSi, gry, MTW, Rec. = 1.4 ft	2-4-6-5 (10)						
		A-4, CiSi, gry, MTW, Rec. = 1.6 ft	4-5-6-4 (11)	23.1		13.3	86.7	24	10
		Visual Description: SiCl, gry, MTW, Rec. = 1.4 ft	3-6-9-12 (15)						
		A-6, SiCl, gry, MTW, Rec. = 1.6 ft	4-8-10- 12 (18)	24.1		5.5	94.5	34	14
50		Visual Description: SiCl, gry, MTW, Rec. = 1.6 ft	4-8-12- 16 (20)						
		Hole stopped @ 50.0 ft							
		Remarks: 15.0 feet to bed of stream.							
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.									

BOTTOM OF CULVERT
APPROX. EL. 833.9

BOTTOM OF CULVERT
APPROX. EL. 833.6

BORING LOG 2 IRASBURG STP CULV(30) (R) VERMONT AOT.GDT 1/26/13

BORING LOG 2 IRASBURG STP CULV(30) (R) VERMONT AOT.GDT 1/26/13

PROJECT NAME: IRASBURG
PROJECT NUMBER: STP CULV(30)

FILE NAME: z11c266bor_log_br6.dgn
PROJECT LEADER: M. CHENETTE
DESIGNED BY: VTRANS
BORING LOG - BR6

PLOT DATE: 9/26/2014
DRAWN BY: L. BUXTON
CHECKED BY: VTRANS
SHEET 20 OF 55

