

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103					
		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: 10/10/12 Date Finished: 10/10/12		I.D.: 4 in	1.5 in	Date	Depth (ft)				
VTSPG NAD83: N 840357.40 ft E 1699907.54 ft		Hammer Wt: N.A.	140 lb.		Notes				
Station: 34+96 Offset: 12.75' LT		Hammer Fall: N.A.	30 in.						
Ground Elevation: 803.0		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 - 0.6 ft							
		Visual Description: Sa with little Gravel, gry, Moist, Rec. = 0.6 ft	5-4-4-4 (8)						
		Field Note: Boulders & Cobbles							
		Field Note: No Recovery, gry, Moist, Appears to be Silt.	2-1-2-2 (3)						
		A-6, SiCl, gry, MTW, Rec. = 1.5 ft	(WH)	35.1	0.6	3.0	96.4	33	11
		CISI Shelby Tube, gry, MTW, Rec. = 0.8 ft, 19.0 ft - 21.0 ft							
		A-4, Cisi, gry, MTW, Rec. = 1.7 ft	(6)	24.2	1.4	16.5	82.1	26	8
		A-4, Si, gry, MTW, Rec. = 1.1 ft	(2)	22.4		12.9	87.1	20	5
		Visual Description: GrSaSi, gry, Wet, Rec. = 0.2 ft							
		A-6, SiCl, gry, Wet, Rec. = 0.3 ft	(2)	19.1				34	18
		Visual Description: Cisi, gry, Wet, Rec. = 0.7 ft							
		A-4, SaCisi, gry, Wet, Rec. = 1.7 ft	(WH)	31.5		20.0	80.0	23	9
		Visual Description: SaCisi, gry, Wet, Rec. = 0.6 ft							
		A-2-4, Sa, gry, MTW, Rec. = 1.7 ft	4-3-3-4 (6)	16.9	5.3	77.5	17.2		
		A-1-b, GrSa, gry, MTW, Rec. = 0.6 ft	8-4-5-6 (9)	10.1	21.8	69.7	8.5		
		A-1-b, GrSa, gry, MTW, Rec. = 0.5 ft	8-7-9-11 (16)						
		Visual Description: Sa, gry, MTW, Rec. = 1.1 ft	14-11-11-11 (22)	13.5	7.9	78.3	13.8		
		A-2-4, Sa, gry, MTW, Rec. = 1.1 ft	6-6-10-10 (16)						
		Hole stopped @ 45.0 ft							
		Remarks: Top of river bed is 16.0 feet below ground surface.							

BOTTOM OF CULVERT
APPROX. EL. 787.5

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

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-104					
		IRASBURG STP CULV(30) VT-58 BR-6&7		Page No.: 1 of 1					
				Pin No.: 11C266					
				Checked By: LAR					
Boring Crew: GARROW, WHITLOCK		Type: WB	Sampler: SS	Groundwater Observations					
Date Started: 10/09/12 Date Finished: 10/09/12		I.D.: 4 in	1.5 in	Date	Depth (ft)				
VTSPG NAD83: N 840341.66 ft E 1699936.75 ft		Hammer Wt: N.A.	140 lb.		Notes				
Station: 35+20 Offset: 10.25' RT		Hammer Fall: N.A.	30 in.						
Ground Elevation: 803.5		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 %
		Field Note: Asphalt Pavement							
		Visual Description: SiSoGr, brn, Wet, Rec. = 0.5 ft	8-5-5-4 (10)						
		Field Note: Boulder							
		Visual Description: SiGrSa, brn, Moist, Rec. = 1.2 ft	7-4-5-7 (9)						
		Field Note: No Recovery, Appears to be Sandy Silt.	2-1-2-2 (3)						
		A-4, Cisi, gry, Moist, Rec. = 1.1 ft	1-2-2-2 (4)	31.2	11.2	12.3	76.5	31	10
		A-4, Cisi, gry, Moist, Rec. = 1.0 ft	1-1-2-3 (5)	26.1	4.2	8.2	87.6	29	10
		SaSi Shelby Tube, gry, Moist, Rec. = 1.1 ft, 21.0 ft - 23.0 ft, Tested Non-Plastic		15.3					
		A-4, SaCisi, gry, Moist, Rec. = 1.8 ft	(2)	22.6	11.6	21.4	67.0	22	8
		A-4, SaGrSi with some Clay, gry, Wet, Rec. = 1.5 ft	(WH)	19.3	27.4	21.5	51.1	24	9
		A-4, Cisi, gry, Wet, Rec. = 1.4 ft	(2)	21.5	2.6	11.6	85.8	20	7
		A-4, SaSi, gry, MTW, Rec. = 1.4 ft	6-5-7-11 (12)	14.1	2.4	41.1	56.5		
		Visual Description: GrSaSi, gry, MTW, Rec. = 1.0 ft	8-7-7-10 (14)						
		Visual Description: SiSa, gry, Wet, Rec. = 1.3 ft	2-3-5-7 (6)						
		A-4, SiSa, gry, Moist, Rec. = 1.4 ft	17-26-26-30 (52)	13.0		59.2	40.8		
		Visual Description: SiSa, gry, Moist, Rec. = 1.5 ft	18-30-39-R (69)						
		A-4, SiSa, gry, Moist, Rec. = 0.9 ft	32-R (R)	13.3		55.0	45.0		
		A-4, SiSa, gry, Moist, Rec. = 1.7 ft	13-32-37-R (69)			60.1	39.9		
		Visual Description: SiSa, gry, Moist, Rec. = 1.3 ft	31-36-R (R)						
		Hole stopped @ 44.4 ft							

BOTTOM OF CULVERT
APPROX. EL. 788.5

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

FILE NAME: z11c266bor_log_br7.dgn
PROJECT LEADER: M. CHENETTE
DESIGNED BY: VTRANS
BORING LOG - BRT

PLOT DATE: 9/26/2014
DRAWN BY: L. BUXTON
CHECKED BY: VTRANS
SHEET 41 OF 55

