

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103						
		BRIDPORT STP CULV(29) VT-125 BR-2&5		Page No.: 1 of 1						
				Pin No.: 11C264						
				Checked By: LAR						
Boring Crew: GARROW, WHITLOCK, JUDKINS		Casing	Sampler	Groundwater Observations						
Date Started: 9/26/12	Date Finished: 9/26/12	Type: WB	SS	Date	Depth (ft)					
VTSPG NAD83: N 543946.30 ft E 1434962.90 ft		I.D.: 4 in	1.5 in		Notes					
Station: 22+69	Offset: -7.00	Hammer Wt: N.A.	140 lb.		None taken.					
Ground Elevation: 244.2 ft		Hammer Fall: N.A.	30 in.							
		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 45C SKID	CE = 1.33							
Depth (ft)	Strata (f)	CLASSIFICATION OF MATERIALS (Description)		Blows/s (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.7 ft								
5		A-4, SaSi, gry, Moist, Rec. = 0.2 ft, Lab Note: Clay was noticeable. Insufficient sample for extra testing.		2-2-2-3 (4)	33.8	8.5	38.3	53.2		
10		A-7-6, Cl, gry, Moist, Rec. = 1.9 ft		WH-WH-2-2 (2)	47.2	1.4	1.7	96.9	68	42
		A-7-6, Cl, gry, Moist, Rec. = 1.3 ft, Shelby Tube sample U1			38.9				67	42
15		Cl Shelby Tube, gry, Moist, Rec. = 1.9 ft, 14.0 ft - 16.0 ft								
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		2-2-3-2 (5)	42.4		1.2	98.8	60	36
		Visual Description: Cl, gry, Moist, Rec. = 1.9 ft, Material similar to 16-18 ft.		WH-1-2-WH (3)	47.2					
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 16-18 ft.		(WH)	45.8					
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		(WH)	57.9		0.8	99.2	53	31
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 22-24 ft.		(WH)	51.5					
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 28-30 ft.		(WH)	65.6					
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		(WH)	51.7		0.7	99.3	52	30
35		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 38-40 ft.		WR-WR-WH-WH (WH)	47.9					
40		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		(WH)	71.6		0.5	99.5	54	32
		Hole stopped @ 40.0 ft								
		Remarks: Hole collapsed at 26.0 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.										

BOTTOM OF CULVERT  
APPROX. EL. 232.2

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-104						
		BRIDPORT STP CULV(29) VT-125 BR-2&5		Page No.: 1 of 1						
				Pin No.: 11C264						
				Checked By: LAR						
Boring Crew: GARROW, JUDKINS		Casing	Sampler	Groundwater Observations						
Date Started: 9/27/12	Date Finished: 9/27/12	Type: WB	SS	Date	Depth (ft)					
VTSPG NAD83: N 543935.50 ft E 1434996.60 ft		I.D.: 4 in	1.5 in		Notes					
Station: 22+88	Offset: 11.00	Hammer Wt: N.A.	140 lb.		None taken.					
Ground Elevation: 245.0 ft		Hammer Fall: N.A.	30 in.							
		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 45C SKID	CE = 1.33							
Depth (ft)	Strata (f)	CLASSIFICATION OF MATERIALS (Description)		Blows/s (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.9 ft								
5		A-2-4, SiSaGr, gry, Moist, Rec. = 0.7 ft		6-4-4-4 (8)	13.6	36.7	36.3	27.0		
10		A-7-6, Cl, brn-gry, Moist, Rec. = 1.3 ft		2-2-3-3 (5)	38.2	0.1	6.1	93.8	59	30
		A-7-6, Cl, brn-gry, Moist, Rec. = 1.2 ft, Shelby Tube sample U1			36.2				65	38
15		Cl Shelby Tube, gry, Moist, Rec. = 1.9 ft, 14.0 ft - 16.0 ft								
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		2-2-2-3 (4)	43.8		1.2	98.8	70	42
		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft, Lab Note: Very wet sample.		(WH)	59.0	2.1	1.9	96.0	68	38
		Visual Description: Cl, gry, Moist, Rec. = 1.7 ft, Material similar to 22-24 ft.		WH-WH-2-2 (2)	56.6					
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		(WH)	53.4		0.6	99.4	68	38
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 22-24 ft.		(WH)	59.1					
		Visual Description: Cl, gry, MTW, Rec. = 2.0 ft, Material similar to 28-30 ft.		(WH)	56.6					
		A-7-5, Cl, gry, Moist, Rec. = 2.0 ft		(WH)	68.6		0.5	99.5	72	42
35		Visual Description: Cl, gry, MTW, Rec. = 2.0 ft, Material similar to 28-30 ft.		(WH)	70.9					
40		Visual Description: Cl, gry, MTW, Rec. = 2.0 ft, Material similar to 28-30 ft.		WR-WR-WH-WH (WH)	72.3					
		Hole stopped @ 40.0 ft								
		Remarks: Hole collapsed at 26.0 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.										

BOTTOM OF CULVERT  
APPROX. EL. 232.2

PROJECT NAME: BRIDPORT  
PROJECT NUMBER: STP CULV(29)

FILE NAME: z11c264bor\_log\_br5.dgn  
PROJECT LEADER: M. CHENETTE  
DESIGNED BY: VTRANS  
BORING LOG I - BR5

PLOT DATE: 8/22/2014  
DRAWN BY: L. BUXTON  
CHECKED BY: VTRANS  
SHEET 47 OF 57

