

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102		
		BRIGHTON STP 034-3(25) VT-105 BR-84		Page No.: 1 of 2		Pin No.: 11B208		
		Checked By: CCB						
Boring Crew: PORTER, DAVIDSON		Casing Sampler		Groundwater Observations				
Date Started: 4/17/12 Date Finished: 4/20/12		Type: WB SS		Date	Depth (ft)	Notes		
VTSPG NAD83: N 841124.26 ft E 1788764.69 ft		I.D.: 4 in 1.5 in		04/20/12	9.5	AM		
Station: 56+25 Offset: -10.00		Hammer Wt: N.A. 140 lb.						
Ground Elevation: 1174.26 ft		Hammer Fall: N.A. 30 in.						
		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 %
		Asphalt Pavement, 0.0 ft - 0.5 ft						
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft		7-7-8-7 (15)	9.9	35.5	49.3	15.2
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft		4-4-8-9 (12)	12.1	53.0	39.2	7.8
10		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft		2-2-3-2 (5)	18.4	30.6	58.6	10.8
		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft		14-14-18-20 (32)	12.0	52.5	37.5	10.0
20		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft		6-6-8-9 (14)	20.6	9.7	76.5	13.8
		A-3, Sa, brn, Moist, Rec. = 0.8 ft		6-6-7-7 (13)	16.9	9.0	81.5	9.5
30		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft		7-16-17-12 (33)	16.7	42.4	53.9	3.7
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft		8-7-6-7 (13)	16.4	30.9	61.1	8.0
40		Field Note: No Recovery. Trace of sand		8-11-11-10 (22)				
		Visual Description: Broken Granite pieces with silty sand, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.		27-25-17-15 (42)	17.7			
50		A-3, Sa, brn, Moist, Rec. = 0.7 ft		5-9-13-19 (22)	6.7	0.5	91.3	8.2
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.								

ABUTMENT 2  
BOT OF PILE CAP  
EL 1165.33

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		BRIGHTON STP 034-3(25) VT-105 BR-84		Page No.: 2 of 2		Pin No.: 11B208		
		Checked By: CCB						
Boring Crew: PORTER, DAVIDSON		Casing Sampler		Groundwater Observations				
Date Started: 4/17/12 Date Finished: 4/20/12		Type: WB SS		Date	Depth (ft)	Notes		
VTSPG NAD83: N 841124.26 ft E 1788764.69 ft		I.D.: 4 in 1.5 in		04/20/12	9.5	AM		
Station: 56+25 Offset: -10.00		Hammer Wt: N.A. 140 lb.						
Ground Elevation: 1174.26 ft		Hammer Fall: N.A. 30 in.						
		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 %
		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft		9-11-12-12 (23)	22.5	10.5	82.5	7.0
60		A-4, Si, brn, Moist, Rec. = 1.6 ft		14-16-18-20 (34)	22.0	0.5	17.3	82.2
		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft		16-13-27-46 (40)	12.2	29.6	52.7	17.7
70		Field Note: Cobbles. Pieces of Granite		(R)				
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Lab Note: (HP)		R06.0"	11.9	15.0	39.8	45.2
80		Visual Description: Broken Rock with sand, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.		R02.5"	7.3			
		Visual Description: Broken Rock, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.		R02.5"				
90		A-1-b, GrSa, gry, Moist, Rec. = 0.4 ft, Advanced casing to 99 ft.		R05.0"	8.1	38.7	43.6	17.7
100		Field Note: Granite Boulder						
Hole stopped @ 109.0 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.								

ABUTMENT 2  
PILE TIP  
EL 1087.33

PROJECT NAME: BRIGHTON  
PROJECT NUMBER: ER STP 034-3(25)

FILE NAME: slb208bor.dgn PLOT DATE: 12-SEP-2012  
 PROJECT LEADER: K. HIGGINS DRAWN BY: J. SALVATORI  
 DESIGNED BY: W. LAMMER CHECKED BY: W. LAMMER  
 BORING LOG 2 SHEET 14 OF 36