

## BOREHOLE LOG B-2

CLIENT Vermont Agency of Transportation STP 0187(10)SC PROJECT No. 195310811  
 LOCATION Repair Site D-4-12A-4, VT Route 12A, Braintree, Vermont EXPLORATION No. B-2  
 EXPLORATION DATE 11/19/2012 to 11/19/2012 WATER LEVEL 15 ft immediately after drilling DATUM NAVD 88

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					PID Reading (PPM)	Undrained Shear Strength - tsf								
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4					
40		LOCATION Station: 216+72.4 Offset: 7.9 RT  VTSPG NAD83 N 535077.5060 ft E 1576008.4746 ft																	
45																			
50																			
55																			
60																			

Driller: Mikes Boring and Coring, Mobil B-50 truck mounted rig with safety hammer with cathead and rope, 3.25 inch ID HSA; Supervisor: Bruce Bline (Stantec)  
 Legend:  Unconfined Compression Test    Field Vane Test    Remolded    Pocket Penetrometer / Torvane

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## BOREHOLE LOG B-3

CLIENT Vermont Agency of Transportation STP 0187(10)SC PROJECT No. 195310811  
 LOCATION Repair Site D-4-12A-4, VT Route 12A, Braintree, Vermont EXPLORATION No. B-3  
 EXPLORATION DATE 11/29/2012 to 11/20/2012 WATER LEVEL 15 ft immediately after drilling DATUM NAVD 88

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					PID Reading (PPM)	Undrained Shear Strength - tsf								
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4					
0	772.4	6.5 Inches of Asphalt Pavement (0.0 ft - 0.54 ft)																	
	771.9	Very dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	1	15	44	62										
	770.4																		
	767.4	Medium dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)			SS	2	12	13	21										
	765.4	-FILL-																	
	763.4	Dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)			SS	3	6	9	42										
	761.4																		
	758.4	Medium dense, brown, coarse to fine SAND and gravel, trace silt (A-1-a)			SS	4	11	2	21										
	756.4	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	5	16	9	54										
	754.4	-GLACIAL OUTWASH-																	
	753.4	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)						20											
20								19											

Driller: Mikes Boring and Coring, Mobil B-50 truck mounted rig with safety hammer with cathead and rope, 3.25 inch ID HSA; Supervisor: Bruce Bline (Stantec)  
 Legend:  Unconfined Compression Test    Field Vane Test    Remolded    Pocket Penetrometer / Torvane

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PROJECT NAME: BRAINTREE  
 PROJECT NUMBER: ER STP 0187(12)  
 FILE NAME: z12c526bor.dgn    PLOT DATE: 1/10/2014  
 PROJECT LEADER: G. EDWARDS    DRAWN BY: G. BURGMEIER  
 DESIGNED BY: I. MAYNARD    CHECKED BY: M. FOISY  
**BORING LOG SHEET 3**    SHEET 23 OF 72

