

**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				
0	772.5	8 Inches of Asphalt Pavement (0.0 ft - 0.7 ft)																
	771.8	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)																
	770.5				SS	1	15		27 24 22 18	46								
	767.5	Medium dense, brown, GRAVEL and coarse to fine sand, trace silt (A-1-a), with asphalt particles			SS	2	15		12 7 7 15	14								
	765.5	-FILL-																
	763.5	Medium dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	3	16		7 5 7 6	12								
	761.5																	
	758.5	Very dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	4	18		39 31 22 18	53								
	756.5	Very dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)			SS	5	18		28 54 67 42	121								
	754.5	-GLACIAL OUTWASH-																
	753.5	Medium dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)							14 14									
20		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)					<input type="checkbox"/> Unconfined Compression Test <input type="checkbox"/> Field Vane Test <input checked="" type="checkbox"/> Remolded <input checked="" type="checkbox"/> Pocket Penetrometer / Torvane Continued Next Page											

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					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4				
	751.5				SS	6	16		14 18	28								
	748.5	Medium dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	7	20		4 7 13 11	14								
	746.5																	
	743.5	Medium dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	8	20		10 7 18 20	25								
	741.5	-GLACIAL OUTWASH-																
	738.5	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	9	11		32 19 22 27	41								
	736.5	Boring terminated at 36 feet below ground surface. No refusal.																
		Note: AASHTO classification included in parenthesis.																
40		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)					<input type="checkbox"/> Unconfined Compression Test <input type="checkbox"/> Field Vane Test <input checked="" type="checkbox"/> Remolded <input checked="" type="checkbox"/> Pocket Penetrometer / Torvane Continued Next Page											

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. BURGMIEIER  
 DESIGNED BY: I. MAYNARD CHECKED BY: M. FOISY  
**BORING LOG SHEET 2** SHEET 22 OF 72

