

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
20	751.4	Note: driller added mud to augers before taking sample at 24 feet.			SS	6	14	18	37					
25	748.4	Very dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	7	3	10	53					
25	746.4						25							
30	743.4	Medium dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	8	12	11	24					
30	741.4	-GLACIAL OUTWASH-					12							
35	738.4	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)			SS	9	14	20	19					
35	736.4						14							
40	733.4	Medium dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)					12							
40							10							

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)

△ Unconfined Compression Test
 □ Field Vane Test ■ Remolded
 ✕ Pocket Penetrometer / Torvane
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					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4
40	731.4	-GLACIAL OUTWASH-			SS	10	13	11	21					
45	728.4	Medium dense, brown, silty fine SAND (A3)			SS	11	16	7	18					
45	726.4						8							
45		Boring terminated at 46 feet below ground surface. No refusal.					10							
50		Note: AASHTO classification included in parenthesis.												
50		LOCATION Station: 216+93.6 Offset: 8.3 RT												
50		VTSPG NAD83 N 535103.8967 ft E 1576012.6156 ft												
55														
60														

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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 4 SHEET 24 OF 72

