BOREHOLE LOG — B-1

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-1
EXPLORATION DATE: 11/19/2012 to 11/19/2012
WATER LEVEL: NE immediately after drilling
DATUM: NAVD 88

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	TYPE	NUMBER	RECOVERY (in.)	SPT blows / 6"	SPT N-Value	PID Reading (PPM)
0	767.7							
	767.2	6.5 Inches of Asphalt Pavement (0.0 ft - 0.54 ft)						
		Dense, brown, coarse to fine SAND and gravel, little silt (A-1-b)	SS	1	13	25 19 22	41	
	765.7	Dense, brown, coarse to fine SAND and gravel, little silt (A-1-b)	SS	2	15	25 19 15 25	34	
	763.7	Dense, brown, GRAVEL and coarse to fine sand, little silt (A-1-a)	SS	3	15	17 24 19 19	43	
5	761.7	Very dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)	SS	4	16	22 31 26 27	57	
	759.7	Very dense, brown, coarse to fine SAND and gravel, little silt (A-1-a)	SS	5	16	35 39 32 23	71	
	757.7	Very dense, brown, GRAVEL and coarse to fine SAND, little silt (A-1-a)	SS	6	16	25 23 25 16	48	
	755.7	-FILL-						
15	752.7	Dense, grey, coarse to fine SAND and gravel, little silt (A-1-a)	SS	7	9	23 15 19 15	34	
	750.7							
	748.7	Auger and sampler refusal at 19.0 feet below the ground surface. Possible pile cap.	SS	8	0	50/0"	R	
20								

Undrained Shear Strength - tsf (1, 2, 3, 4)
Water Content & Atterberg Limits (W_P, W, W_L)
Dynamic Penetration Test, blows/foot ★
Standard Penetration Test, blows/foot ●
10 20 30 40 50 60 70 80 90

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

Continued Next Page

BOREHOLE LOG — B-1

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-1
EXPLORATION DATE: 11/19/2012 to 11/19/2012
WATER LEVEL: NE immediately after drilling
DATUM: NAVD 88

Note: AASHTO classification included in parenthesis.

LOCATION
Station: 204+17.4
Offest: 5.4 RT

VTSPG NAD83
N 534075.5407 ft
E 1576744.9086 ft

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

Stantec

PROJECT NAME: BRAINTREE
PROJECT NUMBER: ER STP 0187(12)

FILE NAME: z12c526bor.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: I. MAYNARD
BORING LOG SHEET 1

PLOT DATE: 1/10/2014
DRAWN BY: G. BURGMEIER
CHECKED BY: M. FOISY
SHEET 21 OF 72