

PARTIAL BORING LOG B-2

GZA		Guilford Bridge Widening		Boring No.: B-2	
GeoEnvironmental, Inc.		Guilford, Vermont		Page: 1 of 2	
Contractor: New Hampshire Boring		Auger/Casing Sampler		File No.: 22719	
Foreman: S. Clavette		Type: NH SS		Check: TAD	
Logged by: S. Currier		Date: 11-27-09		Time: 14:08	
Date Start/Finish: 11-27-09 / 11-28-09		O.D. / I.D.: 4" / 2"		Hammer Wt.: 200# / 140#	
Boring Location: See Exploration Location Plan		Datum: NGVD		Hammer Fall: 24" / 30"	
GS Elev.: 372		Other: Quicksand, D50		Bombardier	

Depth (ft.)	Casing (ft.)	No.	Pen. Rec. (in.)	Blows (ft.)	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Equipment Installed
0-2		S-1	24/18	0-2	48-32	Very dense, brown, fine to medium SAND, some Gravel, little Silt. (A-1)	ASHLEY	NO EQUIPMENT INSTALLED
2-4		S-2	24/12	2-4	30-19	Dense, brown, fine to medium SAND, some Gravel, little Silt. (A-1)	CLAY	
4-6		S-3	24/11	4-6	22-20	Dense, brown, fine to medium SAND, little Gravel, little Silt. (A-1)		
6-8		S-4	24/17	6-8	24-26	Dense, brown, fine to medium SAND, little Gravel, little Silt. (A-1)		
8-10		S-5	24/11	10-12	18-25	Very dense, brown, fine SAND, some Silt, trace medium Sand. (A-2)	PEL	
10-12					27-24			
12-14								
14-16								
16-18		S-6	24/14	16-17	17-20	Dense, brown, fine to medium SAND, little Silt, trace Gravel. (A-1)		NO EQUIPMENT INSTALLED
18-20					16-23			
20-22		S-7	24/11	20-22	6-9	Loose, gray, fine SAND and Silt. (A-4)	20"	
22-24					2-2			
24-26		S-8	24/7	25-27	6-11	Medium dense, gray, fine SAND and Silt. (A-4)	3A30	
26-28					7-5			

REMARKS

1. Assumed till at 32.5 feet, due to increase in drill resistance.

Boring No.: B-2

PARTIAL BORING LOG B-2 (CONT'D)

GZA		Guilford Bridge Widening		Boring No.: B-2	
GeoEnvironmental, Inc.		Guilford, Vermont		Page: 2 of 2	
Contractor: New Hampshire Boring		Auger/Casing Sampler		File No.: 22718	
Foreman: S. Clavette		Type: NH SS		Check: TAD	
Logged by: S. Currier		Date: 11-27-09		Time: 14:08	
Date Start/Finish: 11-27-09 / 11-28-09		O.D. / I.D.: 4" / 2"		Hammer Wt.: 200# / 140#	
Boring Location: See Exploration Location Plan		Datum: NGVD		Hammer Fall: 24" / 30"	
GS Elev.: 372		Other: Quicksand, D50		Bombardier	

Depth (ft.)	Casing (ft.)	No.	Pen. Rec. (in.)	Blows (ft.)	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Equipment Installed
0-2		S-9	24/8	30-32	5-1	Very loose, brown, fine SAND and Silt, trace Gravel. (A-4)	SAND	NO EQUIPMENT INSTALLED
2-4					1-1			
4-6								
6-8		S-10	11/3	35-35.9	18-	Very dense, gray, SILT, trace Gravel, trace Sand. (A-4)		
8-10					120/5"			
10-12		S-11	11/4	40-40.9	68-	Very dense, gray, SILT, trace Gravel, trace Sand. (A-4)	QUADAL TILL	
12-14					105/5"			
14-16		S-12	24/18	46-47	66-58	Very dense, gray, SILT, trace fine Sand. (A-4)		
16-18					50-48			NO EQUIPMENT INSTALLED
18-20								
20-22								
22-24								
24-26						Bottom of boring at 47 feet below ground surface. No refusal.	47"	
26-28								
28-30								
30-32								
32-34								
34-36								
36-38								
38-40								
40-42								
42-44								
44-46								
46-48								
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82-84								
84-86								
86-88								
88-90								
90-92								
92-94								
94-96								
96-98								
98-100								

REMARKS

1. Assumed till at 32.5 feet, due to increase in drill resistance.

Boring No.: B-2

BOTTOM OF PIER / FOOTING (3N)
EL. 3389

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	GUILFORD	Bridge No.	3N
Highway No.	I-91	Log Sta.	
		Surv. Sta.	
I-91NB OVER BROAD BROOK & BROAD BROOK ROAD			
BORING LOGS (2 OF 4)			
Designed By	GZA	Drawn By	GZA
Checked By	Date	Bridge Design Supervisor	
GZA	01/03	J.P. HALSTEAD	Date 01/03
PROJECT	GUILFORD	PROJECT NO.	IM 091-K(33)
TVGA CAD Drawing No.	B-2.dgn	Date	06/06/08
Bridge Sheet No.	BRI06	Sheet	32 of 114