

PARTIAL BORING LOG B-3

GZA GeoEnvironmental, Inc. Guilford Bridge Widening Boring No.: B-3		Page: 1 of 2					
Contractor: New Hampshire Boring		File No.: 22718					
Foreman: S. Clavette		Check: TAD					
Logged by: S. Currier		Date: _____					
Date Start/Finish: 12-8-00 / 12-8-00		O.D. / I.D.: 4" / 2"					
Boring Location: See Exploration Location Plan		Hammer Wt.: 300# / 140#					
GS Elev.: 363 Datum: NGVD		Hammer Fall: 24" / 30"					
Other: Simco Skid Rig		GROUNDWATER READINGS					
Sample Information		Equipment Installed					
Depth (ft.)	Pen/ Rec. (in.)	Blows (6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
5'	S-1 24/8	5-7	5-6 8-8	Medium dense, brown, fine SAND, some Silt, trace Gravel. (A-2)			NO EQUIPMENT INSTALLED
10'	S-2 24/2	10-12	5-3 4-2	Loose, brown, fine SAND, little Gravel, little Silt. (A-1)	FL		
15'	S-3 24/2	15-17	1-1 1-1	Very loose, brown, fine SAND, some Silt, some Gravel. (A-2)			
20'	S-4 30/0	20-22.5	2- 1/24"	No recovery.		1	
25'	S-5 10/6	25-25.8	95- 120/4"	Very dense, gray, SILT, trace Gravel. (A-4)		2 GLACIAL TEL.	
REMARKS 1. The third blow from the hammer advanced the split spoon 24 inches, possible void. 2. Increase in drill resistance at 24 feet.							
Boring No.: B-3							

BOTTOM OF PIER 2 FOOTING (3N)
EL. 338.9

PARTIAL BORING LOG B-3 (CONT'D)

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GS Elev.: 363 Datum: NGVD		Hammer Fall: 24" / 30"					
Other: Simco Skid Rig		GROUNDWATER READINGS					
Sample Information		Equipment Installed					
Depth (ft.)	Pen/ Rec. (in.)	Blows (6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
35'	S-6 11/8	30-30.8	97- 116/5"	Very dense, gray, SILT, little Gravel, little fine Sand. (A-5)			NO EQUIPMENT INSTALLED
35'	S-7 24/2	35-37	32-43 38-50	Very dense, gray, Clayey SILT, trace Gravel, trace fine Sand. (A-B)	GLACIAL TEL.		
40'	S-8 24/20	40-42	33-96 65-100	Very dense, gray, Clayey SILT, trace Gravel. (A-5)			
45'				Bottom of boring at 42 feet below ground surface. No refusal.		42'	
REMARKS 1. Assumed till at 32.5 feet, due to increase in drill resistance.							
Boring No.: B-3							

**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 (3 OF 4)			
Designed By	GZA	Drawn By	GZA
Checked By	Date	Bridge Design Supervisor	Date
GZA	01/03	J.P. HALSTEAD	01/03
PROJECT	GUILFORD	PROJECT NO.	IM 091-I(33)
TVGA CAD Drawing No.	B-3.dgn	Date	06/06/08
Bridge Sheet No.	BRI07	Sheet	33 of 114

