



**PARTIAL BORING LOG 99-1**

**PARTIAL BORING LOG 99-2**

BOTTOM OF ABUT. 1 FOOTING  
EL. 250.000 METERS

6.68 m

<b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists		Bennington Bypass North Bennington, Vermont		Boring No.: 8+533, 7m R	
Contractor: New Hampshire Boring		Auger/Casing Sampler		Page: 1 of 3	
Foreman: J. Michaud		Type: PW/HW SS		File No.: 15634	
Logged by: S. Raymond		I.D. (mm): 127/102 35		Check: TAD	
Date Start/Finish: 8-25-99 / 8-25-99		Hammer Wt.: 136.1 kg 63.5 kg		Date	
Boring Location: See Exploration Location Plan		Hammer Fall: 0.61 m 0.76 m		Time	
GS Elev.: 241.32m Datum: NGVD		Rig Type: Mobile B-53 Bomb		Depth	
				Casing	
				Stab	
GROUNDWATER READINGS					
NO MEASUREMENTS TAKEN					
Equipment Installed					
NO EQUIPMENT INSTALLED					
Remarks					
Stratification lines represent approximate boundaries between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.					
				Boring No.: 8+533, 7m R	

BOTTOM OF ABUT. 1 FOOTING  
EL. 250.000 METERS

9.53 m

<b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists		Bennington Bypass North Bennington, Vermont		Boring No.: 8+533, 7m L	
Contractor: New Hampshire Boring		Auger/Casing Sampler		Page: 1 of 3	
Foreman: J. Michaud		Type: HW SS		File No.: 15634	
Logged by: S. Raymond		I.D. (mm): 102 35		Check: TAD	
Date Start/Finish: 8-26-99 / 8-27-99		Hammer Wt.: 136.1 kg 63.5 kg		Date	
Boring Location: See Exploration Location Plan		Hammer Fall: 0.61 m 0.76 m		Time	
GS Elev.: 240.47m Datum: NGVD		Rig Type: Mobile B-53 Bomb		Depth	
				Casing	
				Stab	
GROUNDWATER READINGS					
NO MEASUREMENTS TAKEN					
Equipment Installed					
PROTECTIVE CASING CONCRETE SEAL 0.30m					
5' 1.5' S-2 0.25 1.52- 6-10 24 Medium dense, light brown, fine to coarse SAND, some Gravel, little Silt. (A-2-4)					
10' 3.0' S-3 0.13 3.05- 7-14 32 Dense, light brown, fine to coarse SAND, some Silt, little Gravel. (A-2-4)					
15' 4.6' S-4 0 4.57- 9- 100 No recovery. Spoon bouncing on Cobble or Boulder at 4.82 meters.					
20' 6.1' S-5 0.46 6.10- 20-23 52 Hard, brown, Clayey SILT, little fine to coarse Sand, little Gravel. (A-4)					
25' 7.6' S-6 0.41 7.62- 21-31 77 Hard, brown, Clayey SILT, some fine to coarse Sand, little Gravel. (A-4)					
Remarks					
Stratification lines represent approximate boundaries between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.					
				Boring No.: 8+533, 7m L	

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of BENNINGTON Bridge No. B12  
Highway No. VT RTE 279 Log Sta.  
Surv. Sta.

VT ROUTE 279 OVER FURNACE BROOK

**BORING LOGS (1 OF 4)**

Designed By J.J. MANUSE Drawn By D.J. HENDERSON

Checked By B.J. CARLSON Date 04/07 Bridge Design Supervisor K.M. WOJTKOWSKI Date 04/07

PROJECT BENNINGTON PROJECT NO. AC NH FO19-1(53)

TVGA CAD Drawing No. FBBL01.dgn Date 04/10/2007

Bridge Sheet No. BR506 Sheet 198 of 577

