



**BORING LOG
BB 443**

**BORING LOG (CONT'D.)
BB 443**

GZA GEOENVIRONMENTAL OF NEW YORK 3699 WEST HENRIETTA RD., ROCHESTER, NEW YORK		PROJECT U.S. Route 7 Bennington Bypass		SHEET 1 of 2		
ENGINEERS AND SCIENTISTS		ROADWAY Rt. 7 Bypass		STATION 9+299		
CONTRACTOR Capital Environmental Drilling Services		BORING TYPE BB, East Rd. (Park St. Ext.) Bridge, S. Abut		GROUND SURFACE ELEVATION 238.9		
DRILLER Mark Voisine		START DATE 02/27/95		END DATE 02/27/95		
GZA REPRESENTATIVE Robert Lin		CHECKED BY		DATUM NGVD		
TYPE OF DRILL RIG Davey Kent-50 Bombardier		WATER LEVEL DATA				
CASING SIZE AND TYPE 4 1/2 inch I.D. Hollow Stem Augers		DATE	TIME	WATER	CASING	REMARKS
OVERBURDEN SAMPLING METHOD 2 inch O.D. x 24 inch Long Split Spoon		02/27/95	1300	3.5'	0	60 min. stabilized
ROCK DRILLING METHOD						

DEPTH (M)	DEPTH (FT)	SAMPLE					SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	STRATUM DESCRIPTION	NOTES
		BLOWS / 6"	NO.	DEPTH (FT)	N-VALUE / ROD(%)	REC (%)				
0.3	1	14	S-1	0-2	5	50	Medium stiff, dark brown, SILT & CLAY, little fine sand, trace organics, moist.		TOPSOIL 1.5 ft.	
0.6	2									
0.9	3									
1.2	4									
1.5	5	12	S-2	5-7	37	50	Dense, light brown, fine SAND, little fine to coarse Gravel, little Silt & Clay, moist.			
1.8	6									
2.1	7								WEATHERED GLACIAL TILL	
2.4	8									
2.7	9									
3.0	10	10	S-3T	10-12	40	65	Top 10 in.: Dense light brown, fine SAND and Silt, trace fine Gravel, moist.		11 ft.	
3.4	11						Bottom 5 in.: Very stiff, light brown, SILT & CLAY, some medium Sand, trace fine Gravel, moist.			
3.7	12									
4.0	13								GLACIAL TILL	
4.3	14									

LEGEND
S - Split Spoon Soil Sample
U - Undisturbed Soil Sample
C - Rock Core Sample

NOTES: Boring moved from 9+292, 53 ML to avoid power lines.

GENERAL 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
NOTES: 2) 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.

GZA BORING No. 9+299

BOTTOM OF ABUT. I FOOTING
EL. 236.500 m

GZA GEOENVIRONMENTAL OF NEW YORK 3699 WEST HENRIETTA RD., ROCHESTER, NEW YORK		PROJECT U.S. Route 7 Bennington Bypass		SHEET 2 of 2		
ENGINEERS AND SCIENTISTS		ROADWAY Rt. 7 Bypass		STATION 9+299		
CONTRACTOR Capital Environmental Drilling Services		BORING TYPE BB, East Rd. (Park St. Ext.) Bridge, S. Abut		GROUND SURFACE ELEVATION 238.9		
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TYPE OF DRILL RIG Davey Kent-50 Bombardier		WATER LEVEL DATA				
CASING SIZE AND TYPE 4 1/2 inch I.D. Hollow Stem Augers		DATE	TIME	WATER	CASING	REMARKS
OVERBURDEN SAMPLING METHOD 2 inch O.D. x 24 inch Long Split Spoon		02/27/95	1300	3.5'	0	60 min. stabilized
ROCK DRILLING METHOD						

DEPTH (M)	DEPTH (FT)	SAMPLE					SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	STRATUM DESCRIPTION	NOTES
		BLOWS / 6"	NO.	DEPTH (FT)	N-VALUE / ROD(%)	REC (%)				
4.6	15	WDR	S-4T	15-17	100+	80	Top 5 in.: Very dense, yellow-brown, coarse SAND, some fine Gravel, little Silt, wet.			
4.9	16						Bottom 14 in.: Very dense orange brown, fine to medium SAND, some Silt, trace fine Gravel, moist.		GLACIAL TILL	
5.2	17									
5.5	18									
5.8	19									
6.1	20	100/0"								Bottom of boring at 20 ft.
6.4	21									
6.7	22									
7.0	23									
7.3	24									
7.6	25									
7.9	26									
8.2	27									
8.5	28									
8.8	29									
9.1	30									
9.4	31									
9.7	32									
10.0	33									

LEGEND
S - Split Spoon Soil Sample
U - Undisturbed Soil Sample
C - Rock Core Sample

NOTES: 1. Auger and split spoon refusal at 20 ft.

GENERAL 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
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GZA BORING No. 9+299

NOTE:
ENGLISH AND METRIC UNITS THAT WERE USED ON THE ORIGINAL BORING LOGS HAVE BEEN RETAINED.

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BI1
Highway No.	TH 5	Log Sta.	
		Surv. Sta.	
EAST ROAD OVER VT ROUTE 279			
BORING LOGS (9 OF 9)			
Designed By	S. BURBANK	Drawn By	A. THIBAUT
Checked By	M. CHENETTE	Bridge Design Supervisor	C. BOGUE
	Date 11/04	Date	03/07
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(53)
Dgn:	...Design\NER\Bore9.dgn	Plot Date:	5/25/2011
Bridge Sheet No.	BR613	Sheet	260 of 577



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