

**PARTIAL BORING LOG
BB 441**

**PARTIAL BORING LOG (CONT'D.)
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GZA GEOENVIRONMENTAL OF NEW YORK 3699 WEST HENRIETTA RD., ROCHESTER, NEW YORK		PROJECT U.S. Route 7 Bennington Bypass Bennington, Vermont FILE NO.: 13417		ROADWAY STATION 9+283 OFFSET 52.6 ML		SHEET 1 of 5	
ENGINEERS AND SCIENTISTS		CONTRACTOR Capital Environmental Drilling Services DRILLER Steve Clavette GZA REPRESENTATIVE TBS/WJS		BORING TYPE BB East Rd. (Park St. Ext.) Bridge, S. Abut. GROUND SURFACE ELEVATION 240.3 START DATE 11/09/94 END DATE 11/10/94		DATUM NVDG	
TYPE OF DRILL RIG Mobile Drill B-53		WATER LEVEL DATA		EQUIPMENT INSTALLATION LOG		STRATUM DESCRIPTION	
CASING SIZE AND TYPE 4 inch I.D. Flush Joint Casing		DATE 11/10/94		TIME 1400		REMARKS None Upon Completion	
OVERBURDEN SAMPLING METHOD 2 inch O.D. x 24 inch long SPLIT spoon		ROCK DRILLING METHOD		EQUIPMENT INSTALLATION LOG		STRATUM DESCRIPTION	
DEPTH (M)	DEPTH (FT)	BLOWS / 6"	NO.	DEPTH (FT)	N-VALUE /ROD(%)	REC (%)	NOTES
0.3	1	10	S-1T	0-2	22	60	1.
0.6	2	11	S-1B				
0.9	3	12					
1.2	4	7	S-2	4-6	10	25	
1.5	5	5					
1.8	6	5					
2.1	7						
2.4	8						
2.7	9	20	S-3	9-11	15	25	
3.0	10	7					
3.4	11	8					
3.7	12	9					
4.0	13						
4.3	14	20	S-4	14-16	55	45	

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

NOTES: 1. Spinning 4" casing beginning at ground surface.

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+283

GZA GEOENVIRONMENTAL OF NEW YORK 3699 WEST HENRIETTA RD., ROCHESTER, NEW YORK		PROJECT U.S. Route 7 Bennington Bypass Bennington, Vermont FILE NO.: 13417		ROADWAY STATION 9+283 OFFSET 52.6 ML		SHEET 2 of 5	
ENGINEERS AND SCIENTISTS		CONTRACTOR Capital Environmental Drilling Services DRILLER Steve Clavette GZA REPRESENTATIVE TBS/WJS		BORING TYPE BB East Rd. (Park St. Ext.) Bridge, S. Abut. GROUND SURFACE ELEVATION 240.3 START DATE 11/09/94 END DATE 11/10/94		DATUM NVDG	
DEPTH (M)	DEPTH (FT)	BLOWS / 6"	NO.	DEPTH (FT)	N-VALUE /ROD(%)	REC (%)	NOTES
4.6	15	23					
		32					
		55					
4.9	16						
5.2	17						
5.5	18						
5.8	19	33	S-5T	19-21	68	50	
6.1	20	33					
6.4	21	35	S-5B				
		39					
6.7	22						
7.0	23						
7.3	24	61	S-6	24-26	100+	65	
		102					
		98					
		68					
7.6	25						
7.9	26						
8.2	27						
8.5	28						
8.8	29	38	S-7	29-31	100+	75	
		99					
		78					
		69					
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:

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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.

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ENGINEERS AND SCIENTISTS		CONTRACTOR Capital Environmental Drilling Services DRILLER Steve Clavette GZA REPRESENTATIVE TBS/WJS		BORING TYPE BB East Rd. (Park St. Ext.) Bridge, S. Abut. GROUND SURFACE ELEVATION 240.3 START DATE 11/09/94 END DATE 11/10/94		DATUM NVDG	
DEPTH (M)	DEPTH (FT)	BLOWS / 6"	NO.	DEPTH (FT)	N-VALUE /ROD(%)	REC (%)	NOTES
10.3	34	81	S-8	34.2-35.1	100+	85	2.
		200/5"					
10.6	35						
10.9	36						
11.2	37						
11.5	38						
11.8	39	71	S-9	39-40.25	100+	60	
		132					
		100/3"					
12.1	40						
12.4	41						
12.7	42						
13.0	43						
13.3	44	141	S-10	44-44.7	100+	75	
		100/2"					
13.6	45						
13.9	46						
14.2	47						
14.5	48						
14.8	49	64	S-11	49-49.7	100+	50	
		100/2"					
15.1	50						
15.4	51						
15.7	52						

LEGEND
S - Split Spoon Soil Sample
U - Undisturbed Soil Sample
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NOTES: 2. Boulder at 33.75 ft., roller bit thru to 34.25ft., S-8 34.25 - 35.15.
3. Boulder at 46.0 ft. roller bit thru to 47.5'.
4. 4" casing stops at 49 ft.

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BOTTOM OF ABUT. FOOTING
EL. 236.500 m

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.	B11
Highway No.	TH 5	Log Sta.	
		Surv. Sta.	
EAST ROAD OVER VT ROUTE 279			
BORING LOGS (7 OF 9)			
Designed By	S. BURBANK	Drawn By	A. THIBAUT
Checked By	Date	Bridge Design Supervisor	
M. CHENETTE	11/04	G. BOGUE	Date 03/07
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(K53)
Dgn.:	...Design\ER\ER-Bore7.dgn	Plot Date:	5/25/2011
Bridge Sheet No.	BR611	Sheet	258 of 577

