



BORING LOG B-121

BORING LOG B-121 (CONT'D)

BORING LOG B-121A

GZA		BENNINGTON BYPASS NORTH		BORING NO.: B-121	
BENNINGTON, VERMONT				PAGE: 1 OF 2	
				FILE NO.: 22724	
				CHECK: DGL	
CONTRACTOR: NEW HAMPSHIRE BORING		AUGER/CASING		SAMPLER	
FOREMAN: KEN SMITH		TYPE: ODEX		S.S.	
LOGGED BY: MICHELE JODAR		I.D.: 108MM		35MM	
DATE START/FINISH: 10-23-01 / 10-24-01		HAMMER WT.: NA		63.5KG	
BORING LOCATION: NB 6+384.4, 29.2M L		HAMMER FALL: NA		0.76M	
GS ELEV.: 281.60M DATUM: NAVD88		RIG TYPE: MOBILE B-57 TRUCK RIG			
SAMPLE INFORMATION					
DEPTH (M)	NO.	PEN./REC. (M)	DEPTH (M)	BLOWS (1/0.15M)	N VALUE
0.61	S-1	0.46	0.61	3-3	11
MEDIUM DENSE, LIGHT BROWN SILT, SOME FINE SAND, LITTLE GRAVEL. (A-4)					
1.52	S-2	0.41	2.13	20-25	60
VERY DENSE, LIGHT BROWN SILT, SOME FINE SAND, LITTLE GRAVEL. (A-4)					
3.05	S-3	0.15	3.51	17-15	33
DENSE, BROWN FINE TO COARSE SAND, SOME SILT, LITTLE GRAVEL. (A-1-B)					
4.57	S-4	0.15	5.18	12-8	13
MEDIUM DENSE, BROWN SILT, SOME GRAVEL, LITTLE FINE SAND. (A-4)					
6.10	S-5	0.25	6.48	28-70	>100
VERY DENSE, BROWN SILT, SOME GRAVEL, LITTLE FINE SAND. (A-4)					
7.62	S-6	0.36	7.98	42-71	>100
VERY DENSE, DARK BROWN SILT, SOME GRAVEL, LITTLE FINE SAND. (A-4)					
9.14	S-7/7A	0.61	9.75	27-28	68
S-7 (TOP 0.30M): VERY DENSE, DARK BROWN SILT, SOME GRAVEL, LITTLE FINE SAND. (A-4) S-7A (BOTTOM 0.30M): DENSE, BROWN FINE TO					
EQUIPMENT INSTALLED: NO EQUIPMENT INSTALLED					
REMARKS: 1. LEAD CASING BROKE OFF IN BOREHOLE. MOVED OVER 1 METER (3 FEET) AND REATTEMPTED BORING.					

GZA		BENNINGTON BYPASS NORTH		BORING NO.: B-121	
BENNINGTON, VERMONT				PAGE: 2 OF 2	
				FILE NO.: 22724	
				CHECK: DGL	
CONTRACTOR: NEW HAMPSHIRE BORING		AUGER/CASING		SAMPLER	
FOREMAN: KEN SMITH		TYPE: HW		S.S.	
LOGGED BY: MICHELE JODAR		I.D.: 102MM		35MM	
DATE START/FINISH: 10-25-01 / 10-26-01		HAMMER WT.: 136.1KG		63.5KG	
BORING LOCATION: NB 6+385.4, 29.2M L		HAMMER FALL: 0.61M		0.76M	
GS ELEV.: 281.60M DATUM: NAVD88		RIG TYPE: MOBILE B-57 TRUCK RIG			
SAMPLE INFORMATION					
DEPTH (M)	NO.	PEN./REC. (M)	DEPTH (M)	BLOWS (1/0.15M)	N VALUE
10.67	S-8	0.13	10.80	100/127MM	>100
MEDIUM SAND, SOME SILT. (A-2-4)					
12.19	S-9	0.00	12.27	100/78MM	>100
NO RECOVERY.					
13.72	S-10	0.20	14.00	45-100/127MM	>100
VERY DENSE, BROWN FINE TO COARSE SAND, SOME SILT, LITTLE GRAVEL. (A-1-B)					
15.24	S-11	0.28	15.85	37-34	62
VERY DENSE, BROWN FINE TO COARSE SAND, SOME SILT, LITTLE GRAVEL. (A-1-B)					
16.76	S-12	0.61	17.37	24-39	101
VERY DENSE, BROWN SILT, LITTLE FINE SAND. (A-4)					
18.29	S-13	0.51	18.90	20-30	63
VERY DENSE, GRAY SILT, LITTLE FINE SAND. (A-4)					
BOTTOM OF BORING AT 19.81 METERS (65 FEET) BELOW GROUND SURFACE. NO REFUSAL.					
EQUIPMENT INSTALLED: NO EQUIPMENT INSTALLED					
REMARKS: 1. LEAD CASING BROKE OFF IN BOREHOLE. MOVED OVER 1 METER (3 FEET) AND REATTEMPTED BORING.					

GZA		BENNINGTON BYPASS NORTH		BORING NO.: B-121A	
BENNINGTON, VERMONT				PAGE: 1 OF 4	
				FILE NO.: 22724	
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CONTRACTOR: NEW HAMPSHIRE BORING		AUGER/CASING		SAMPLER	
FOREMAN: KEN SMITH		TYPE: HW		S.S.	
LOGGED BY: MICHELE JODAR		I.D.: 102MM		35MM	
DATE START/FINISH: 10-25-01 / 10-26-01		HAMMER WT.: 136.1KG		63.5KG	
BORING LOCATION: NB 6+385.4, 29.2M L		HAMMER FALL: 0.61M		0.76M	
GS ELEV.: 281.60M DATUM: NAVD88		RIG TYPE: MOBILE B-57 TRUCK RIG			
SAMPLE INFORMATION					
DEPTH (M)	NO.	PEN./REC. (M)	DEPTH (M)	BLOWS (1/0.15M)	N VALUE
SEE LOG B-121 FOR SOIL DESCRIPTIONS FROM 0 TO 19.81 METERS (0 TO 65 FEET) BELOW GROUND SURFACE.					
LOGGEMENT TILL					
EQUIPMENT INSTALLED: NO EQUIPMENT INSTALLED					
REMARKS: 1. LEAD CASING BROKE OFF IN BOREHOLE. MOVED OVER 1 METER (3 FEET) AND REATTEMPTED BORING.					

* BOTTOM OF FOOTING, ABUT. 2 - EL. 264.000

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	BENNINGTON	Bridge No.	BI5, BI5N, BI5S
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	
VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOMSAC RIVER			
BORING LOGS (SHEET 17 OF 33)			
Designed By	GZA	Drawn By	L.R. DELL
Checked By	GZA	Date	04/06
		Bridge Design Supervisor	K.M. WOJTKOWSKI
		Date	04/06
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-(I5)
TVGA CAD Drawing No.	BL17.dgn	Date	02/02/2009
Bridge Sheet No.	BR223	Sheet	210 of 367

